



Your Leading **Cloud Services Brokerage**  
& **Value-Added Distributor**

# JENNE CAPABILITIES

## ABOUT JENNE, INC.

Jenne, Inc. is a leading Cloud Services Brokerage and Value-Added Distributor serving agents and value-added resellers throughout the U.S. We focus on Unified Communications and Collaboration, Networking and Infrastructure, Physical Security, Video Conferencing and the Internet of Things (IoT). Jenne's 'high touch, fast response' model of outstanding service and support allows our partners to be more successful, more quickly. We provide value added resellers, managed service providers, integrators and telecom service provider companies with a broad product selection from over 180 leading technology companies. Our customers value and benefit from competitive pricing and flexible financing options; on-time accurate delivery from our state-of-the-art distribution center; outstanding technical support, including design services and enablement; plus ongoing sales and technical training through the award-winning Jenne University.

## ENGAGED SALES AND BUSINESS DEVELOPMENT TEAM

Jenne has a highly knowledgeable and professional sales team including:

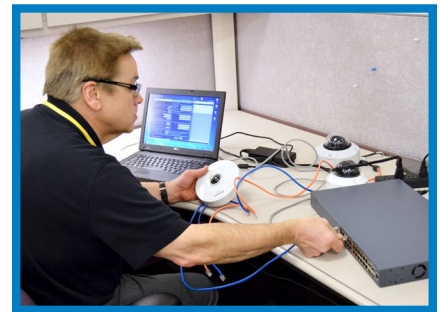
- **Territory Business Development Directors** who work with resellers to contribute to their business plan development and execution helping them to be more successful in their vertical markets.
- **Inside Sales Specialists** who provide resellers with personalized pre- and post-sales support including a single point of contact.
- **Business Development Specialists** who are assigned to specific vendor lines and are experts in the product, go- to-market strategies, trends and competitive information.
- **Resident experts** who support resellers in collaborative technologies, including networking, video, voice and more.



## TECHNICAL AND DESIGN SUPPORT

Our technical staff has over 200 years of combined experience. Our business partners further benefit from:

- A design mentor who provides full design support while assisting your engineering team in developing increased capability and insuring uninterrupted design quality.
- Easy and quick design team accessibility and engagement, including joint partner/end user support calls providing customer facing expertise and higher close ratios.
- A Staging and Provisioning Service that performs all the preliminary configuration, licensing and upgrades enabling you to rapidly install systems on your customers' networks or as a stand-alone unit. Jenne fully supports our provisioning and staging service and offers the availability for individual Statements of Work on orders if required or requested
- Jenne's Technical Services staff are available Monday through Friday, 8 a.m. to 8 p.m. at no cost. Full 24-hour support also is available at minimal cost.



## WORLD-CLASS TRAINING BY JENNE UNIVERSITY

Jenne University is the place where training and support converge. While other distributors outsource their training instructors, virtual platforms and facilities, Jenne maintains its own brick and mortar training center as well as our own virtual lab environment where our customers can gain technical or sales expertise. Our state-of-the-art training facility incorporates fully equipped classrooms and our virtual classroom environment is easy to access, fully equipped as well as learning conducive.

### We offer:

- Available training courses include certification for Avaya, Extreme Networks, and other leading manufacturers.
- Official Pearson VUE® Testing Center, allowing Avaya students to leave Jenne University completely certified.
- Virtual Classrooms are fully equipped with the latest equipment to provide a truly interactive hands-on experience. Our virtual lab systems are modeled around real world deployments.
- Customized training maps specific to your sales and technical competency to ensure the curriculum aligns with your business needs.
- All classes are available virtually, but regional training courses available at designated sites across the country, or at a reseller's location. For a complete schedule, visit Jenne's website at [www.jenne.com](http://www.jenne.com).
- Frequent live and recorded webinars available on the latest manufacturer equipment and releases.



## SERVICE CONTRACT RENEWAL PORTAL

Jenne helps you manage product and service contracts, streamlining and managing what can be a difficult process. When a service contract is up for renewal within any solution purchased from Jenne, resellers are notified well in advance so they can capture what otherwise might be a lost revenue opportunity.

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Experiences That Matter

Businesses of all sizes depend on Avaya for unified communications solutions and technologies that improve efficiency, collaboration and customer service. Avaya's enhanced and unified communications solutions help enterprises increase business agility and lower costs through its core communications platforms, Avaya Aura® and IP Office. These systems deliver everything Small, Midsize or Enterprise businesses requires of unified communications — voice, video, messaging, presence and Web applications — for every employee, regardless of location. Solutions from Avaya are based on an open, flexible reference architecture that enables a scalable, multivendor approach to integrating communications. Avaya UC solutions create a seamless integration so no matter how, where or when they communicate, workers will have access to the resources they need for success.

### Avaya Aura®

The Avaya Aura® Platform simplifies communication networks, reduces infrastructure cost and delivers voice, video, messaging, presence and web applications to all workers regardless of location. As the key enabling layer in the Avaya architecture, Avaya Aura® provides a real-time communication foundation for UC and contact-center solutions. It is based on an open and flexible reference architecture that leverages a layered architecture to meet immediate needs, while providing a path for future growth. It is the foundation for all sizes and types of customer solutions and scales from less than 100 users to 36,000 on a single system and to more than a 250,000 SIP users on a single enterprise network. Avaya Aura's core communication services include:

- Rich IP Telephony – Avaya Aura® has over 700 market-leading communication features.
- Video Telephony – With Avaya IX™ Meetings, integration of desktop and video conferencing makes video as easy as a phone call.
- Branch Solutions – Capabilities targeted for customer-facing branches, retail stores, financial, insurance and government offices that combine low-cost deployment and centralized management.
- Enterprise-wide SIP session management – Features a single-point control for an enterprise-wide dial plan and user profile management.
- Multi-vendor presence aggregation – Combined user presence information from Microsoft, IBM, SMPP and SIP/SIMPLE to deliver for Avaya and third-party business user applications.
- Application enablement – Web services and APIs that allow customers and third-parties to integrate with business applications and systems.
- End-to-end security – Embedded security defenses, encryption, authentication and certificates for all levels on the platform.
- Small hardware footprint – Leveraging Avaya Aura® System Platform virtualization, this framework offers common installation, licensing and support infrastructure for lower TCO.
- High availability – Numerous design choices that guarantee seamless communication.
- Hardware and design flexibility – To meet customer's needs, Avaya offers complete Linux-based application servers, media gateways, business phones and unified communication applications.
- Management, support and remote monitoring – Avaya provides a full suite of tools for single- and multi-site use, software updates, SIP and network management backed by its award-winning global services over the System Manager and Avaya Integrated Management.

### Avaya IP Office

The Avaya IP Office™ Platform represents the core of a complete and powerful team and customer engagement solution specifically designed for small and midsize businesses. IP Office delivers seamless voice, video, unified communications (including unified messaging, mobility, instant messaging, presence), audio, video, and web collaboration, as well as 3rd party desktop application integration like Outlook, Lync, and Salesforce.com. With its ability to run inside a virtual machine, on a dedicated server or appliance, or in a mixed deployment environment, IP Office software offers flexibility and a cost-effective choice. With over 600,000 systems installed worldwide, IP Office is the leader in unified communications and real-time collaboration for small and midsize businesses. With IP Office Select, customers receive:

- Unparalleled scale – up to 3,000 users on a single-site server or across 150 locations – all of which can have simultaneous access to the full UC capabilities
- Flexible resiliency options including selective failover and support for VMware High Availability
- Highly secure communications including embedded encryption of signaling and voice traffic
- Integration with industry-standard LDAP directories including Microsoft Active Directory



### Contact Center Solutions for IP Office

#### Avaya Contact Center Select

Avaya Contact Center Select is derived from the Avaya Aura® Contact Center solution, integrated to Avaya IP Office and optimized for the midmarket - supporting full multichannel capabilities, voice, email, web chat, SMS and fax, to midsize businesses with contact centers of up to 400 Active Agents (with IP Office 10.0).

#### Avaya Call Reporter

Avaya Call Reporter helps you manage your phone system and business with ease and confidence.

- Cradle to grave call reporting and tracking through 50+ standard reports.
- Recording Library for easy access to recordings within the same reporting interface via IP Office Voicemail Pro integration.
- Realtime agent seat and Agent Dashboards enhance IP Office hunt groups and deliver visual call management with wallboards and customized dashboard displays.



### Avaya Cloud Solutions

Avaya cloud solutions deliver the flexible features, functions and value of Avaya solutions in a variety of cloud deployments that meet the needs of any business. Avaya offers private, public and hybrid cloud solutions for voice, video and collaboration solutions for both UC and Contact Center.

#### Avaya Cloud Office

Avaya Cloud Office places the customer in control of their communications and delivers a unified communications experience that's intuitive to use and accessible from a phone, a browser or any mobile device. From a single interface they can chat with colleagues, make and receive calls, plan and join meetings, collaborate with screen sharing and video and keep their teams on-task with file sharing, task management and virtual team rooms that let everyone share and stay up-to-date.

Avaya Cloud Office creates a portal for communications, allowing people to quickly transition to the mode that's exactly right for them at any moment. One click is all it takes to start a call, join a meeting, contribute to a team chat or share content.

#### Avaya OneCloud CCaaS

Avaya OneCloud CCaaS is a hassle-free, always-on contact center that offers a comprehensive, integrated and open Contact Center as a Service (CCaaS) architecture with scalability, security and in-depth analytics across the customer journey, delivering a simple and flexible cloud experience.

Avaya OneCloud CCaaS offers a seamless path to the cloud with powerful customer experience tools from one of the industry leaders. Avaya provides the features a contact center requires to meet the needs of customers and agents, using the power and versatility of a true cloud solution that requires no patchwork or license fees.

Avaya OneCloud CCaaS makes it easy for organizations to deliver an effortless customer experience across voice and digital channels while helping organizations maximize individual and team performance.





## Voice, video, chat and contact center—the power of one AI-driven cloud platform.

Empower your customers' teams to connect, collaborate and create unique customer experiences with 8x8 X Series. Each plan is designed to meet the requirements of specific users. Mix and match the plans to create a communications solution tailored for their company.



### X2 - Integrated Communications

- One click from chat to voice to video meetings
- Company-wide team messaging
- HD video conferencing with screen sharing
- Integration with CRM & business applications



### X4 - Smarter Global Engagement

- Unlimited global calling for UC across 47 countries
- Supervisor & service quality analytics
- Streamline call handling with Switchboard Pro



### X6 - Speed to Resolution

- 4,000 minutes per concurrent agent\*
- Voice-focused contact center
- One click subject matter expert access
- Customer engagement analytics
- Customizable wallboards/dashboards



### X8 - Customer Experience Transformation

- Integrate voice, email, webchat and social
- Advanced speech and interaction analytics
- Quality, collaborative performance management



As a communications and technology solutions leader since 1994, BCN understands how to solve your customers' toughest network challenges and build a solution that fits their needs. BCN's experts guide your customers to the right solution, then help them secure, manage, and monitor it, ensuring they're always connected to the advanced technologies that can take their business even further.

### Connect

In an always-connected world, if your customers can't trust their network, their employees and customers can't trust them. Smart businesses rely on BCN's decades of experience and up-to-the-minute technology expertise to transform their networks from bottlenecks into accelerators.

### Cloud

Your customers need their business to stay agile and competitive - and shifting their communications to the cloud keeps it that way. BCN's cloud-enabled solutions provide unsurpassed power and performance, delivering the mobility, scalability, and reliability only cloud technology can offer.

### Managed

Managing your customers' communications networks can be complicated, expensive, and demanding. BCN Managed Solutions expertly handle the work for them - so they can benefit from an advanced, reliable network with one point of contact and lower maintenance costs.

### Voice

Your customers' communications networks power conversations with customers and helps their team collaborate across locations. BCN leverages the latest technologies to build the high-quality, reliable network your customers' businesses need to stay connected - today and tomorrow.

### Security

No business is too large or too small to be complacent about cyberthreats. The best way to avoid a compromised network or a data breach is to take strong preventive measures. BCN delivers the security solutions to keep your customers' teams connected and productive, keeping attackers on the outside looking in.



Founded in 1992, BCM One is a leading provider of NextGen Communications and Managed Services to IT leaders and channel resellers nationwide. Serving over 18,000 customers and 7,000+ channel resellers, BCM One offers UCaaS, SIP Trunking, Managed SIP, Microsoft Teams, Managed SD-WAN, Managed Connectivity, Microsoft Azure, Technology Expense Management and Network Monitoring and Management. BCM One prides itself on its long-standing client relationships backed by their mission statement, "To Provide a World-Class Experience with Every Human Interaction." BCM One's family of brands include: SIP.US, SIPTRUNK, nexVortex and SkySwitch.

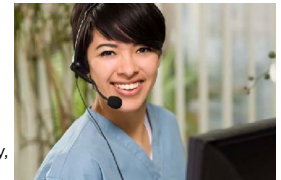
### Voice Enabled Teams Solution

BCM One's Voice Enabled Teams integrates enterprise-level voice communications with Microsoft Teams for the utmost flexibility and connectivity. Supercharge your Teams into a full voice platform by augmenting basic chat, video conferencing and collaboration features with robust enterprise voice capabilities to provide a comprehensive, unified communications collaboration platform.



### Managed SIP (mSIP) Trunking Service

BCM One/nexVortex offers standard SIP as well as our Managed SIP Trunking solution (mSIP) powered by our award winning nexVortex brand, a BCM One Company provides businesses with reliability and uptime of their voice services. Managed SIP is ideal for SMB to enterprise-level businesses who are looking for voice quality, availability, and visibility. It is certified as interoperable with major PBX vendors.



### UCaaS Solution

BCM One's UCaaS solution, which runs on the Cisco BroadWorks® platform, streamlines communications across your organization. It brings together essential communications services including instant messaging, presence, voice and video calling, multi-party video collaboration, and desktop sharing in real time to enhance business productivity.



### Managed Network Solutions

With Managed Network Services from BCM One you have expert eyes watching your network at all times, ready to spring into action in the event of a problem. BCM One keeps your network running, so you can focus on keeping the rest of your business running.



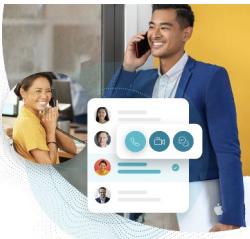
### Managed SD-WAN

BCM One's SD-WAN supports modern bandwidth requirements by prioritizing and intelligently directing network traffic. Companies that transition to SD-WAN experience improved application performance and cost control.



# broadvoice

Broadvoice is a growing cloud communication company with a passionate team on a mission to inspire meaningful human connections. Their goal is to personalize the way we communicate so that no matter where work happens, their technology helps people be brilliant about the way they connect.



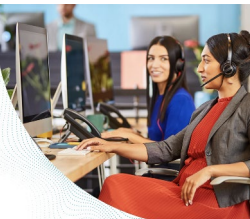
## Phone System

Call and collaborate from anywhere with a single cloud PBX communication solution that unifies business phones, video conferencing, texting and collaboration under a single phone number.



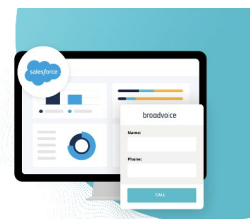
## SIP Trunking

Keep your existing hardware and ditch your landlines for more flexible and affordable cloud-based business phone service.



## Contact Center

Broadvoice b-hive Virtual Contact Center is a cloud-based solution that's powerful, cost-effective, agile, and right-sized for your small and medium business.



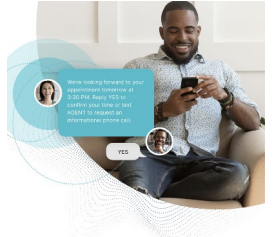
## Salesforce Integration

Broadvoice has paired their b-hive cloud communications platform with Salesforce, so you can manage your funnel, build customer relationships and leverage calling features using b-hive directly within your Salesforce instance.



## Video and Collaboration

With a single phone service app for calling, video, text, collaboration, voicemail and fax, you can always come through for your customers and teammates.



## Business Texting

Reach customers on their phones—where they're more likely to engage—with one-on-one conversations or broader sales & marketing campaigns.



## Microsoft Teams Integration

Microsoft Teams can bridge the gap for remote work. Within Teams, you can chat, conference and work on shared files created with Office 365 apps and more. Add b-hive to meet all your team's external calling needs in one platform.

# CommandLink

CommandLink is a group of telecom and SaaS innovators designing the solutions of tomorrow, today, so that they can lead the next generation of voice and data networks as they continue to move forward in the world of digital technology. To do this, CommandLink has worked to redesign the functions of Telecom and SaaS from the ground up by designing, innovating, and managing new voice and data networks specifically designed to take advantage of cutting-edge technologies.

## UCaaS Link

Collaborating with your team or remote partners has never been easier. And because nearly 80% of company meetings today include remote participants, a unified communications and video conferencing infrastructure is imperative to ensure the utmost productivity on a daily basis.



## SD-WAN Link

Software defined intelligent application performance drives efficiency for all of your priority cloud and SaaS applications, so that they run flawlessly over multiple WAN connections. CommandLink helps to simplify the process, so that CommandLink can quickly identify more crucial and critical applications and then unify the performance across multiple existing or new private/public connections, offering you infinite flexibility and performance all throughout your digital transformation.



## Security Link

CommandLink's SD-Security solution provides a comprehensive software-based security program with a number of crucial features and functions designed to ensure that your systems remain well prepared to fend off cyber threats. CommandLink's SD-Security solutions help to maximize your security spend, while simultaneously simplifying your protocols for client operations through zero-touch provisioning and automatic service chaining between different security and network functions.



## Bandwidth Link

Extreme reliability and performance with dedicated Ethernet access should be the goal

for any large-scale Telecom or SaaS organization. At CommandLink, they offer their access in both fiber or copper to ensure their clients always have a viable option. CommandLink's massive network footprint hits over 100,000 lit buildings and contains endless miles of fiber that they can easily extend to your location, no matter where you're located. Their bandwidth options range anywhere from 10 Mbps to 100 Gbps.



Data Canopy is a team of data center experts dedicated to being a partner – not just a provider – for their clients. At Data Canopy, they leverage global carriers, a highly secure cloud, and worldwide data center facilities to cover all of your data center needs. Clients get custom-fit, optimized solutions in Tier III enhanced facilities at a low cost. By leveraging scalable infrastructure – leasing space wholesale to benefit from economies of scale, and keeping their overhead low – Data Canopy delivers what they like to call data center solutions for the new economy.

## CLOUD SOLUTIONS

For many organizations, the cloud brings new challenges. Industries such as government, healthcare, and financial services must overcome cloud implementation and monitoring challenges as well as comply with a host of regulations for the care and storage of their data and its environment. Don't limit your cloud environment to the detriment of your organizational growth and efficiency.



PUBLIC CLOUD



PRIVATE CLOUD



HYBRID CLOUD



MULTI-CLOUD



Fusion Connect manages, orchestrates and secures the critical technology infrastructure that enables the connected enterprise. They tailor their highly available and secure cloud communication, collaboration, security and network management platforms to meet the unique needs of their mid-market and enterprise customers. Their AI-based management systems along with their highly skilled technicians ensure world-class application performance under any conditions.

**Business Voice**

Businesses of all sizes – from single consultants to massive enterprise - require a phone system that improves and supports the way they communicate to vendors, customers, and clients, and sell their products. Mobile-friendly, cloud-based voice (VoIP) and unified communication systems are today's solution of choice. However, some businesses may need to leverage their existing infrastructure or still utilize traditional landline phone services for calling and analog devices.



**Business Internet**

Always-on, reliable Internet service is a necessary utility to run a successful business today. With so many technologies and speeds to choose from, selecting the right solution for your business begins with understanding how your employees will use it and how it will be managed.



**Networking & Security**

Take the guesswork, risk, and hassle out of your security, WiFi, and Wide Area Network. Fusion Connect's Managed Network and Security services are built on industry-leading, best-of-breed technologies. Fusion Connect's experts manage every aspect of the process including design, deployment, monitoring, and support.



**Managed IT**

Harness the power of the cloud to increase efficiency, collaboration, and teamwork. Empower your employees to work from anywhere with easy access to Microsoft's popular productivity and collaboration tools, without the need for new hardware installations.



Since day one, GoTo (formerly known as LogMeIn) has helped people and businesses do their best work – simply and securely – from anywhere. Today, work and life are intertwined. At GoTo, they like to think of themselves as your go-to. GoTo helps you focus on the things that matter most throughout the day: your projects, your professions, and even your personal passions.



GoToTraining is the right solution for the job, whether you're training in a classroom, virtually – or both. With GoToTraining Starter, Pro and Plus packages, you can engage with up to 200 students anywhere in the world.



Millions of users around the world trust GoToMeeting for reliable, professional online meetings and on-the-go collaboration.



Make announcements or hold discussions with up to 500 participants at a time with this highquality, reservationless conference-calling service.



GoToWebinar makes communication with prospects, employees, partners and customers easier and more efficient than any webinar product available today.



Jive provides cloud-based phone systems and Unified Communications services. Since its founding in 2006, Jive has grown to become the largest privately held Hosted VoIP provider. Jive boasts the highest-rated customer service and reliability in the industry.



Optimized for real-time, external collaboration, join.me is a simple online meeting app that helps boost productivity with dispersed teams, customers and vendors.



The virtual phone system for small businesses, Grasshopper helps customers sound professional and stay connected – all without extra hardware.



Whether you're organizing your digital life, managing a team or running a business, LastPass remembers your passwords so you don't have to.





VOICE & UNIFIED COMMUNICATIONS



PRODUCTIVITY & EMAIL



UNIFIED COMMUNICATIONS



BACKUP, FILE SYNC & SHARE



SECURITY & COMPLIANCE

## Voice & Unified Communications

### INTERMEDIA UNITE

Intermedia Unite is a full-featured UCaaS solution that combines cloud PBX voice, chat, SMS, video conferencing, file sharing and contact center into a single platform -simplifying how teams communicate with one another and with customers. Unite's easy-to-use desktop and mobile applications integrate with popular third-party business applications like Salesforce, Microsoft, NetSuite and more to streamline workflows, increase productivity, and drive customer retention with no heavy cost.

### INTERMEDIA CONTACT CENTER:

Intermedia Contact Center enhances customer interactions for businesses of all sizes, helping to boost sales, reduce churn, increase customer satisfaction, and improve quality assurance, with deep analytics and insights on all customer activity. With advanced omni-channel functionality, customers can communicate with businesses via voice, chat, SMS, and e-mail. Reach out to customers with dynamic notifications, which brings extreme value to a vast number of use cases from appointment scheduling, to customer-base notifications.

### SIP TRUNKING:

SIP Trunking routes your customers' phone calls over the internet, instead of through the phone company's lines. It can be used with most business VoIP phones or even older analog or digital phones. With SIP Trunking from Intermedia, users can lower their phone bills and improve reliability without changing their existing numbers or buying a new phone system.

### ANYMEETING® VIDEO CONFERENCING:

Intermedia AnyMeeting is a powerful online meeting solution built for businesses of all sizes. AnyMeeting is available on desktop and mobile devices providing the collaboration tools customers need today and the flexibility they need tomorrow. With HD audio and video, interactive collaboration tools, and artificial intelligence capabilities, AnyMeeting transforms communications with a smarter, faster, engaging, and actionable meeting experience.

Intermedia AnyMeeting Webinar helps companies reach a broader audience and grow their business by hosting large-scale virtual events. Presenters use video, audio and screen sharing to market products and services to audiences anywhere. Participants are encouraged to engage with the presenter in real-time through Q&A, emoji's and live polls. AnyMeeting Webinar is designed anywhere.

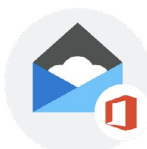
### ANYMEETING® WEBINARS:

AnyMeeting delivers robust webinar capabilities with up to 6 live presenters and up to 1,000 attendees. Includes real-time audience chat, polling, and Q&A capabilities. Delivered via a browser-based app with no need for plugins, downloads, or installations.

## Productivity & Email

### EXCHANGE EMAIL AND MORE:

Intermedia provides secure, reliable Exchange Email and Office 365 plans with additional options to meet the unique needs of your customers, whether that's compliance with HIPAA, FINRA, GDPR or other regulations or boosting employee productivity with better tools for remote work. All with J.D. Power-certified 24/7 support.



### MICROSOFT 365® AND OFFICE 365® APPS:

Easy-to-provision Microsoft plans for the latest versions of productivity apps (Word®, Excel®, PowerPoint®, Outlook® and more) with desktop and online options.

## Backup, File Sync & Share

### SECURISYNC® BACKUP & FILE SHARING:

SecuriSync combines real-time file backup with business grade sync and file share and ransomware protection, using advanced anti-malware scanning from Bitdefender.



## Intermedia Cloud Technologies Make It Easy for Your Customers to Communicate, Collaborate and Share Information.

Intermedia is a leading UCaaS, CCaaS, and cloud email/productivity applications provider hyper-focused on delivering easy-to-use and secure communication and collaboration solutions to businesses and the partners that serve them. More than 125,000 business customers and 6,600 active partners rely on Intermedia's tightly integrated suite of cloud applications that are managed through one intuitive point of control, and are backed platform - Intermedia Unite®, Intermedia Contact Center, web and video conferencing, file sharing & backup, business email, security, archiving, and more.

Intermedia's 360° approach to partner success makes it easy for channel partners to sell, set up, manage, and support the cloud while achieving strong margins, earning at least 5x more revenue, owning their customer relationships, and building value in their businesses through private label, co-branded, and branded partner programs.

## Security & Compliance

### INTERMEDIA EMAIL PROTECTION:

Intermedia Email Protection for Exchange and Office 365 provides highly effective, multi-layered protection against malware, targeted attacks and unknown email threats using multiple best-of-breed security engines.



### EMAIL ARCHIVING:

Intermedia's Email Archiving helps keep Intermedia Exchange and Office 365 emails securely archived and easily accessible for users, admins or compliance officers without requiring any user action. It offers the preservation, search and restore features that your customers need to protect their business.

### ENCRYPTED EMAIL:

Encrypted Email from Intermedia is an easy way to automatically protect sensitive outgoing emails and files, with predefined, customizable policies for healthcare, finance and legal customers.

## Here's How Users Get the Freedom to Focus

The five pillars of Intermedia's Worry-Free Experience—security, reliability, onboarding, support and regulatory compliance—are designed to ensure that nothing distracts your customers and their employees from adding value to their business.igned to ensure.



WORRY-FREE



SECURITY



RELIABILITY



SUPPORT



COMPLIANCE



ONBOARDING & MIGRATION



J.D. Power 2019 Certified Assisted Technical Program, developed in conjunction with TSIA. Based on successful completion of an audit and exceeding a customer satisfaction benchmark for assisted support operations. For more information, visit [www.jdpower.com](http://www.jdpower.com) or [www.tsia.com](http://www.tsia.com).



### MiVoice 6900 IP Phone Series

The Mitel 6900 series is a family of powerful 'Mobile First' IP phones offering advanced integration with mobile phone calls and applications. Mitel's Mobile Integration capability enables the user's mobile phone to pair directly with the 6900's Bluetooth interface to deliver access to mobile phone features from the desk phone allowing both cellphone and IP calls to be managed from a single device. Mobile Integration allows mobile phone users to leverage the exceptional HD audio and comfortable ergonomics of the 6900 series phones for both IP and cellphone calls. The 6900 phones deliver crystal clear audio through a unique corded or cordless voice optimized handset and high performance hands-free speakerphone. Unparalleled flexibility is achieved through a broad array of add-on user installable accessories that enable the phones to be tailored to specific user needs. The 6900 family provides the flexibility and capability needed to meet the demanding needs of today's users.



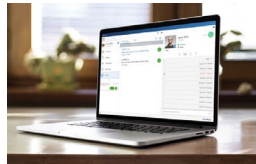
### MiVoice 5300 IP Phone Series

Mitel continues its commitment to ease of use and enhanced user value at the desktop with an evolving portfolio. The MiVoice 5300 Series responds to the specialized and differing requirements of users, workgroups, departments, and branches across the enterprise with a range of desktop devices. From affordable entry-level IP phones to sophisticated network devices including wireless handsets, Gigabit Ethernet and IP DECT connectivity accessories, conference units, and PC-based attendant consoles, Mitel has the right solution for you.



### MiVoice Connect

MiVoice Connect brings together all of the communications and collaboration tools into one simple interface. Users can quickly and easily find contacts, check their availability and connect with them via phone, IM, video, desktop sharing or conference calling, without having to open a separate window or logging in to new applications.



### MiVoice Office 250

An affordable and flexible communication platform for small to mid-size businesses. Through a complete suite of out-of-the-box business productivity applications, businesses benefit from reduced costs and enhanced staff productivity. MiVoice Office 250 delivers as standard applications including: Unified Voice Messaging with Automated Attendant, Meet-Me Conferencing, Automatic Call Distribution, Hot Desking, Twinning, Mobile Hand-Off, Teleworking and Reporting.



### MiVoice Business

MiVoice Business's flexible architecture offers business continuity via resiliency and reliability options in the event of a network outage or hardware failure. The MiVoice Business communications software is certified on Stratus® servers, which deliver processor redundancy, RAIDprotected hard drives, dual hot-swappable power supplies & fans, and redundant network connections - offering the highest level of business communications survivability. In addition, the MiVoice Business software can also be deployed within VMware® vSphere virtual environments further enabling your business continuity advantages through VMware's High Availability options- such as the ability to perform an automatic restart of virtual machines on alternate servers when a server failure happens.



### MiContact Center

MiContact Center solutions improve employee productivity and control operational costs within businesses of all sizes. Mitel has a solution for any Contact Center including for Informal and Workgroup Contact Centers; Small, Formal Contact Centers; Large-Scale, Enterprise-Grade Contact Centers; Microsoft Lync-based Contact Centers; Outbound Contact Centers; and Cloud-Based Contact Centers.

### Conference Telephones

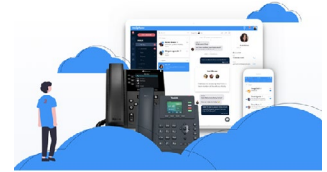
The Mitel MiVoice Conference Phone makes conference calls clear, easy and efficient. Combining high-definition audio capabilities with 16 microphones that automatically focus towards the person talking, the Conference Phone helps to minimize side conversation pickup and increases speaker clarity.



net2phone is a leading National and International Unified Communications provider. Backed by IDT's Global Network capability, net2phone has over 25 years of providing the most efficient and reliable quality voice and communications experience. net2phone offers unmatched value and services all within a single price point. With a feature-rich, proprietary platform enabling customers to grow their business with smarter conversations, net2phone is the clear provider of choice.

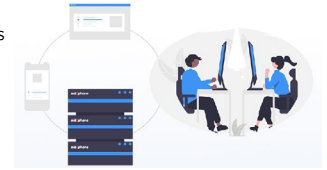
### Cloud PBX

net2phone's feature-rich cloud PBX Solution provides you with everything you need to run your business communications successfully at scale. With real-time analytics, video conferencing, unlimited calling, and more, net2phone has your business covered.



### SIP Trunking

net2phone's SIP Trunking solution allows you to access all of the benefits of a cloud PBX solution, without replacing your existing equipment. Combine your voice and data for one ultimate UCaaS solution.



### Teams Integration

Get a world-class business UCaaS phone system inside Microsoft Teams with net2phone's seamless integration. Make and receive calls worldwide directly inside the Teams environment with the power of net2phone. There is no need for third-party apps or downloads and the setup is simple.



### Five9 Call Center

Manage customer calls and interactions directly from within the cloud, providing you with a complete unified communications solution with the Five9 Cloud Contact Center offering from net2phone.



## Nextiva App

The Nextiva App takes business mobility to the next level by giving users the freedom to use and manage their business phone system anywhere, at any time. It has never been easier to use voice, video, instant messaging and presence services from a single device. Users can access business phone account information and feature settings from their computer, tablet or any mobile device.



## Nextiva Analytics

Nextiva Analytics is a reporting and analysis tool that allows you to access and manipulate your call data visually through customizable reports, wallboards, dashboards, and companywide gamification. Nextiva Analytics gives you unprecedented visibility into your call and employee activity data, enabling you to make the right decisions for your business quickly.



## Nextiva Anywhere™

With more and more employees working out of the office, it's becoming increasingly difficult for customers and colleagues to reach these remote workers given the number of different devices and numbers (mobile, office, home) they may be using. In such a disjointed environment, there is a need for a solution that makes communications as seamless as possible — whether working from the office, on the road, or at home.

## Nextiva Call Center

The Nextiva Call Center fully enables the rapid delivery of full-featured hosted call centers, meeting the needs of today's dynamic businesses. Core call center functions include intelligent routing and distribution, web-based agent and supervisor clients, and comprehensive reporting capabilities.

## Nextiva Drive

Nextiva Drive lets you take your business wherever it takes you. Drive is a complete, secure cloud storage and sync service designed just for business. You can access, edit, share, and backup your data from anywhere, on any device. Simply give access to the people that need the information and password-protect what's private or in process.



## Nextiva Office

Nextiva Office is an all-inclusive hosted VoIP service, it enables your business to increase revenue, minimize management headaches, and improve your customer experience. Nextiva provides standard hosted VoIP functions, plus fully integrated enhanced services. Setup and configuration are easily managed through the NextOS web portal.

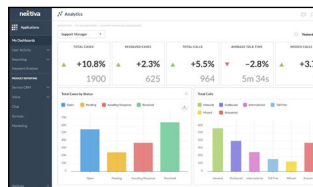


## Nextiva vFAX

Nextiva vFAX is the most sophisticated and reliable virtual faxing platform for today's businesses. You're no longer restricted to sending faxes from your office fax machine; you now have the option to send faxes securely via your email or vFAX online portal.

## NextOS

With Nextiva, your customers get a single operating system for their business communications, enabling seamless communication through any channel (phone, email, website chat, SMS), productivity tools like pipeline and customer management, engagement tools like surveys, built-in intelligence, and easy-to-use automation. Nextiva NextOS brings all customer and team communication tools in one place. Make it easier to provide the experience everyone craves.



With the emergence of low-cost broadband, SIP trunking is rapidly becoming the standard for business premises phone system communication. The Nextiva SIP trunking solution allows businesses to experience communications that are cost effective and feature rich, while enjoying an enhanced voice calling experience.

SIP Trunking has proven to increase return on investment and save companies money on local and long distance calling. It can enable customers to take the calls that are important to their business while filtering out the interruptions so they can stay focused on what's important - the clients.

Not all SIP trunking service providers are alike! Nextiva SIP trunking is a truly unique solution that saves customers up to 80% on their phone bill - without the necessity of replacing phone numbers or equipment.

### Nextiva customers receive:

- **Secure Connection** - Leverage existing Internet connections to modernize an entire office through the robust, protected NextOS 3.0 platform.
- **Affordable Plans** - With unlimited local and long distance calls, your business will save money on all of your communication.
- **Keep Your Existing Device** - Nextiva SIP trunking integrates with current phone systems and PBX equipment so you don't incur switching costs.
- **Time Savings** - Dedicated and knowledgeable technicians combined with an easy-to-use system allow for a simple, quick setup process.
- **Sophisticated Features** - You will have the ability to access innovative, big business features at a small business price.
- **Unparalleled Service** - The Nextiva Amazing Service® team is available for any questions or setup needs.

## All the Benefits of the Cloud Minus the Hardware Costs

### Cost savings like never before

Save up to 70% of your current PBX bill with hosted PBX or SIP trunking. Goodbye, expensive hardware. Hello, cost-effective calling!

### Unlimited calling

Unlimited toll-free calling in the United States. Also get local and international calls. No more per-minute charges.

### Modern IP PBX

Connecting a hosted PBX to a SIP trunk is easier than via a PSTN. With a cloud phone system, comes real unified business communications.

### Advanced business phone system features

Voicemail to email, long-distance calling, unlimited inbound and outbound calls, local phone numbers, and more — all with one VoIP phone system.

### Keep your existing hardware

Keep your existing hardware Use your traditional phone system with an IP-based set-up. Avoid new equipment costs while getting better service.

### Your voice and data in one place

SIP trunking is like a gateway for your on-premise PBX to an Internet Telephone Service Provider (ITSP) like Nextiva.





PanTerra Networks is a unified cloud service provider, delivering a family of secure, ultra-reliable, future-proof voice and collaboration services for SMB and Mid-market enterprises. PanTerra's cloud-based solution includes hosted voice, instant messaging, file sync & share, web & video conferencing, as well as full contact center services with business analytics. With PanTerra's unified cloud service solution, enterprises gain the highest levels of security, scalability, reliability, availability, and quality of service, while significantly lowering their total cost of operations and IT administration complexities.

"One of the BIG benefits of PanTerra's cloud-based solution is its enhanced security and specifically their Multi-Factor Authentication (MFA). They implemented MFA, not only on desktops and mobile devices, but also for all IP phone devices. This has eliminated any potential SIP hacking where a company could be liable for significant telecom carrier charges. With PanTerra, we and our customers are protected, which gives all of us peace of mind." - Alan Ehrenzweig, Ops Manager | BMI/One



**Differentiated Cloud Services and Powerful Enterprise-level Features include:**

- Pooled & Unlimited Voice (US & Canada)
- Unlimited Audio and Video Conferencing
- Auto Attendant(s)
- Follow-Me | Find-Me
- Call Recording
- Music on Hold
- Voicemail to Email
- Voicemail Transcription
- Fax to Email
- Business Analytics
- Real-time Presence
- Team Collaboration
- Live Streaming
- Mobile App (Android & iOS)
- 2GB Cloud Storage
- Fully HIPAA Compliant at No Cost
- Multiple IP Phone Options
- FutureProof Guarantee
- Premium U.S.-Based 24x7x365 Support with 30 Second Response
- Competitive HaaS Leasing Program with No CapEx



RingCentral is a leading provider of global enterprise cloud communications, collaboration, and contact center solutions. More flexible and cost-effective than legacy on-premises systems, RingCentral empowers modern mobile and distributed workforces to communicate, collaborate, and connect from any location, on any device, and via any mode. RingCentral provides unified voice, video meetings, team messaging, digital customer engagement, and integrated contact center solutions for enterprises globally. RingCentral's open platform integrates with leading business apps and enables customers to easily customize business workflows. RingCentral is headquartered in Belmont, California and has offices around the world.

**Built For the Way We Work:**

- Intuitive user interface: A simple and elegant interface provides a consistent user experience across mobile devices, tablets, and laptops
- Unified experience: RingCentral brings all modes of communication into one place, reducing the time users waste switching between apps and device endpoints
- RingCentral App: Bringing all of RingCentral's communication tools under one app, this one-of-a-kind collaboration tool empowers team messaging, file sharing, GIFs, calendars, project management, and more
- Streamlined workflows: Seamlessly transition between voice, messaging, and video conversations while simultaneously sharing files, managing tasks, projects, calendars, and more
- Enterprise-class: Easily manage robust administrative controls, security, reliability, scalability, compliance with message logging requirements, as well as a HIPAA-compliant conduit to meet the requirements of the largest organizations
- RingCentral Developer Platform: Customize the app with RingCentral Open API and SDKs for embedding messaging, collaboration, and task automation into business workflows and applications
- Cost savings: The cloud avoids hidden costs associated with maintenance, expansion and specialized IT support for traditional on-prem communications systems
- No friction: Easy to sell, deploy, and manage RingCentral's platform

**Maximized Uptime and Security:**

- RingCentral offers a robust multi-tenant cloud communications service with several layers of built-in security
- To prevent interception of communications, RingCentral provides Transport Layer Security (TLS) and Secure Real-Time Transport Protocol (SRTP) encryption between all endpoints, including desk phones, conference phones, the RingCentral mobile app, and RingCentral Desktop
- Deployed across SSAE 16- and ISO 27001-audited data centers, the RingCentral platform is protected by the most robust electronic prevention systems, on-site engineering specialists, and security guards, as well as placed in geographically diverse locations to minimize risk of data loss and service interruption due to catastrophe
- RingCentral's built-in security covers user service administration, application security, network and infrastructure security, transmission security, physical and environmental security, fraud mitigation and disaster recovery

**Simplified Phone System Administration and End-User Management:**

- Skilled implementation advisors ease the onboarding experience: Transitioning an entire phone system to the cloud can be daunting, but RingCentral's proven methodology—tested and refined by more than a decade of R&D and 350,000 deployments—minimizes downtime and maximizes user adoption
- Easy to configure extensions and company-wide settings: There's no complex hardware to install or maintain, and no technical expertise needed to configure and use the phone system
- Save time and effort: RingCentral's powerful interface makes it easy to create batch templates to perform moves/adds/changes for a group of users or an entire department

**Connect Multiple Locations, Mobile and Remote Workers:**

- The RingCentral mobile app gives smartphones and tablets the complete functionality of a business phone system, including voice, text, fax, conferencing, online meetings, and access to the corporate directory
- Users can make and receive calls and texts using their extensions or direct numbers on company-issued or personal mobile devices
- Using a RingCentral business number on their personal mobile device allows employees to maintain their business identity on the go

**A Flexible Solution That Can Adapt and Scale To Business Needs:**

- Manage your entire RingCentral phone system from your desktop computer or smart device for all users across all office locations
- From the admin portal or RingCentral mobile app, users can be immediately added or removed, as well as user settings changed
- With RingCentral mobile, teams seamlessly communicate and collaborate from anywhere in the world that has Wi-Fi or cell coverage

In today's fast-paced world, Sangoma believes organizations can achieve greater levels of connectivity by having access to powerful, affordable communications solutions from a reliable partner and that building tomorrow's solutions will help the world to connect and collaborate in new ways. Sangoma, as a leading voice and Unified Communications (UC) solution provider, is doing just that with our award winning Cloud and On-Premise UC/PBX solutions and with our continuing product innovation.

## Switchvox Cloud

Switchvox Cloud is Sangoma's cloud-based UC solution for small and medium-sized businesses. It is an affordable, full-featured UC solution with prices starting as low as \$12.99 per user. Switchvox Cloud allows customers to take advantage of advanced UC features, such as mobility, call queues, reporting, and more, all for one low price. No need for additional licenses or add-ons - everything is included! This makes Switchvox Cloud the best value for your customers.



## Switchvox

Switchvox, built on Asterisk, is Sangoma's award-winning Unified Communications solution. Switchvox is an easy-to-use system that supports both VoIP and traditional calling, and it can be deployed how your customers need—in the cloud, on a dedicated appliance or in a virtual environment. It is easily provisioned with a GUI that allows you to configure multiple users and set up your customers' phone systems quickly. Switchvox uses an all-features-included pricing model that eliminates the need for a complex licensing structure and enables partners to quote an entire phone system with as few as four part numbers.



## Switchvox for VMware

Driven by VMware's disaster recovery capabilities and scalability, Switchvox support for VMware eliminates the need for a dedicated appliance and provides small and medium businesses with a phone system that meets the needs of an enterprise at a fraction of the cost.



## D-Series IP Phones

Sangoma D-Series phones are designed exclusively for use with Asterisk and Switchvox. All models include HD Voice and unprecedented plug-and-play deployment at a price that fits any budget. Enhance your users' productivity with built-in advanced applications, including voicemail, call log, contacts, phone status, user presence, parking and queue metrics. Sangoma D-Series phones provide simple, intuitive access to a wealth of information, saving valuable time. With the phones' open, JavaScript API, you can also build customized applications to tailor the user experience to your specific needs. Sangoma's highly-integrated D-Series phones are the only phones that allow you to take full advantage of the flexibility and customization of Asterisk and Switchvox.



## SIPStation SIP Trunking

Sangoma's award-winning SIPStation SIP Trunking services provide SMBs and large enterprises with feature-rich, industry leading telephony services using a standard internet connection. Named #1 in Customer Satisfaction by Eastern Management Group, SIPStation included a guaranteed cost savings when switching from providers of traditional telephony services, SMS, and integrated IP fax services.



**SIPSTATION**  
POWERED BY SANGOMA®



## PBXact Business Phone Systems

The PBXact Business phone system is a fully-featured IP-PBX designed with unified communication features for organizations needing mobility, productivity and collaboration capabilities. The PBXact business phone system is available in both hardware and software versions. It comes with an extensive set of built-in Unified Communications features such as:



- "Phone Apps"- Advanced productivity features controlled by the IP-Phone's display
- UCP web-based Dashboard allowing end-users to control phone settings, voicemail, conference rooms and more...
- Zulu UC Desktop and Soft-phone Integration for mobility and productivity.
- CRM Integration for screenpop and click to call
- End-Point-Manager to auto-provisioning Sangoma IP-Phones and manage each user's programmable buttons and features
- Built-in VPN to guarantee security for your remote workers connecting to the corporate PBX

## S-Series IP Phones

Designed to work with FreePBX and PBXact, Sangoma S-Series IP phones are so smart, your customers can quickly and easily use them right out of the box. Each phone in the series features industry standard Power over Ethernet (PoE), so no power cable or outlets required. They have full duplex speakerphones, dual Ethernet Ports, multi-way conference calling, high definition voice quality and they're Virtual Private Network (VPN) capable.



## VoIP Gateways

Sangoma's line of VoIP Gateways allows your customers to keep their existing legacy infrastructure (Analog/T1/E1) and connect to VoIP Services, saving their business time and money. They can simply connect any of Sangoma's VoIP Gateways at the edge of their network and tap into the benefits of VoIP. The VoIP gateways automatically take care of the call processing and transcoding required between the SIP-TDM networks. Whether your customers are an SMB (Small-to-Medium Business) looking to expand their voice services with SIP Trunks or a large enterprise/Carrier offering voice services, Sangoma's line of Vega VoIP Gateways are tailored to your customer's needs.



## FreePBX Phone Systems

The only hardware solutions to be officially certified by the FreePBX project, the FreePBX appliances are the optimal high-performance PBX solutions. Each one comes pre-loaded with FreePBX Distro to make deployment, configuration, and use of your customer's PBX system even easier.



## Session Border Controllers

Businesses connecting their infrastructure to a SIP Trunk, or VoIP Connection, require a Session Border Controllers (SBC) for security, interoperability and transcoding. Often times, businesses will forget the importance of an SBC when switching from their legacy phone system to VoIP and simply use their existing firewall for protection, and make a huge mistake! A typical firewall can only protect your customer's data network and as soon as they open it up to the internet, which is how they connect to VoIP services, the entire network is exposed. The other pitfall of using their existing firewall, instead of an SBC, is that phone calls may not connect or there will be audio issues. A Sangoma SBC will automatically do the call translations for your customers, with the built-in interoperability features and also translate the audio with built-in transcoding capabilities.

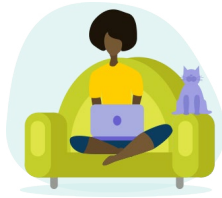




A Fully Automated Cloud Solution for Direct Routing SIPPIO is 100% Azure native to ensure peace of mind with high availability, failover and security across the globe. SIPPIO architected a fully automated, end-to-end cloud solution providing top grade carrier services through certified session border controllers running exclusively in Microsoft Azure.

### Activate and Deploy Voice in Microsoft Teams Quickly and Easily

SIPPIO's flexible subscription plans enable organizations to determine the best 'as a service' subscription to optimize expenses and leverage current investments. Choose from an all-inclusive, consumption-based or bring-your-own carrier services subscription to gain the flexibility your organization requires.



### Drive More Value in Microsoft Teams with SIPPIO

SIPPIO enables full calling capabilities in minutes with automated activation and user management tools. Available in 60+ countries with toll free and emergency services, there's no code, no build and no maintenance. Everything you need is included in the monthly per user subscription. Adding calling capabilities to your collaboration platform will achieve a higher return on investment of your Microsoft Teams platform.



Star2Star was founded in 2006 with a passion for revolutionizing the world of business communications. For small and large businesses, Star2Star unifies and simplify complex communications activities. For employees, they deliver a culture of innovation, diversity, and individuality.

### Team Hub

Team Hub is Star2Star's cutting-edge team collaboration software platform for hyper-productivity. It's a one-stop-shop for all your communication needs. Here's how you can leverage Team Hub at your business:

- Let go of email with the ability to message in channels and groups. Bring together internal and external members
- Share and collaborate with files and other content
- Integrate your toolkit of solutions into one business productivity and collaboration platform

### Video Meetings

Capture the experience of meeting in person with our Video Meetings solution. Built from the ground up, our video conferencing solution is scalable, enterprise-grade, and adapts to every business' unique online meeting needs. You can count on the best video conferencing solutions with high-quality video and audio, reliable connectivity, and an effortless user experience for anyone within or outside of your organization.

### Business Voice

Business Voice provides superior VoIP quality, reliability, and flexibility for customers in need of an intuitive, easily deployed solution. Experience a pure cloud communications solution that streamlines and simplifies your operations. Business Voice is the ultimate cloud communications platform for any business in need of seamless, ultra-flexible connectivity.

### Voice for Microsoft Teams

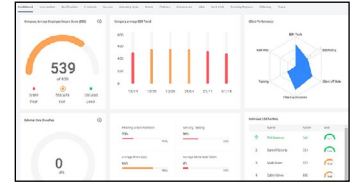
Empower your business with communications and collaboration powered by Star2Star® Business Voice for Microsoft Teams. Optimize productivity with seamless calling from within the Microsoft Teams application using Star2Star's cloud-based, direct routing integration with the Microsoft Teams platform.



ThreatProtector provides the protection, visibility and products for Cybersecurity challenges. They provide the most effective security awareness training, email encryption, and device endpoint protection for businesses of any size.

### BreachSecure Employee Security Awareness Training Platform

BreachSecure Cybersecurity Awareness Training specializes in educating your customers' employees on the intricacies of protecting their business from cyber threats. ThreatProtector's award-winning program will create awareness and educate your customers' employees on threats such as spam, phishing, malware, ransomware, social engineering and more to ensure that they become the strongest defense in their cybersecurity playbook.



### HIPAA Secure Compliance and Cyber Security Training Platform

The HIPAA Secure platform will help build up the cyber security posture of your customer's employees while assisting with HIPAA compliance through the organization. ThreatProtector's award-winning platform will create awareness throughout the education of your customer's employees on areas such as HIPAA privacy and security rules, spam, phishing, malware, ransomware, social engineering and more. Turn your customer's employees from the weakest link to the strongest defense.



### Advanced Email Protector

ThreatProtector's product team started from scratch by researching all the things people hate about email encryption. ThreatProtector found that people generally don't like to install things that have to be updated, they don't like creating accounts for a product they might use rarely, and they frequently forget their password. With this in mind, ThreatProtector designed Advanced Email Protector to be the ideal encryption product. Advanced Email Protector lets your customers securely send encrypted email containing corporate and financial data, personal info, legal docs, and medical records, but it's so much easier to use.



### Endpoint Essentials

Stop responding to threats and start preventing them. Endpoint Essentials is a comprehensive IT platform that effectively secures business users and data while making systems more productive and reliable. ThreatProtector's proactive whitelist security stack seamlessly protects your organization from viruses/malware, ransomware threats while optimizing your cyber infrastructure.



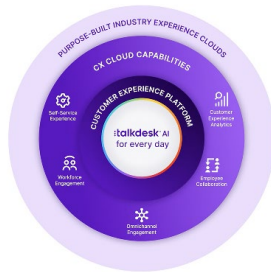




Talkdesk offers a better way for organizations to unlock the promise and potential of great customer experience. Talkdesk is innovative, creative, and challenges the old status quo in order to help their customers thrive and grow.

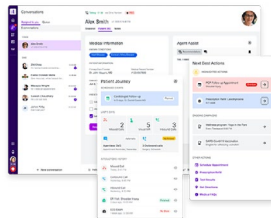
### CX Cloud

Talkdesk CX Cloud™ offers a full set of enterprise-level, integrated, CX applications for customer self-service, omni-channel engagement, workforce engagement, employee collaboration, and customer experience analytics to align and drive winning behaviors across the organization. All of these applications are native on Talkdesk's CX Cloud platform with a shared set of services including a common data model, reporting, dashboards, workflows, AI, and automations for faster time-to-value and cost savings.



### Experience Clouds

Talkdesk knows that every industry is unique. That's why they offer industry-specific cloud contact center products that are pre-integrated with core industry systems, pre-designed with custom workflows and automation, and pre-trained with AI for industry expertise. Talkdesk Experience Clouds are purpose-built to meet specific vertical needs and bring businesses value from day one.



UNIFIED COMMUNICATIONS & COLLABORATION

## transmosis ONE

TransmosisONE protects small businesses from the world's most sophisticated cyber threats. It is the industry's first Artificial Intelligence cybersecurity platform and 24/7 live virtual Security Operations Center with fully integrated cyber liability coverage. TransmosisONE uses monitoring around the clock to effectively protect your customers' small business while they sleep.

### TransmosisONE

**24/7 Protection and Cyber Insurance for Small Businesses and Remote Work**  
Small businesses are the #1 target for cyber criminals with an attack occurring every 14 seconds, and the average ransomware payout is now \$177,000.

- Military grade protection where your customers work
- 24/7 live security operations center with dedicated analysts to protect your customers' small business day and night in any work location
- The power of A.I. - transmosisONE automatically scans for strange behavior that can lead to attacks, continually learns over time, and even detects for malicious Remote Code Execution triggered by popular video conference platforms
- Flexibility - installed in minutes, flexibility with monthly subscription with no contracts, supports any remote work location, no hardware required
- Customized to the business owner - System configured to monitor for unusual behaviors and employee activity
- Cyber liability protection that covers against ransomware, email compromise, income loss, and legal costs



#### Fortune 5000 Next Generation AI XDR Platform

TransmosisONE's single, unified platform is the only enterprise-level solution for SMBs that gives full prevention and detection coverage across the entire environment without having to buy, integrate, and manage multiple controls. Prevent, detect, investigate, and full remediate attacks automatically across endpoint, network and user activities.



#### 24/7 Live Security Analyst Monitoring & Threat Hunting

Live U.S. based security analysts monitor networks, security events, and conduct advanced analytics of cybersecurity risk 24/7. This is an SMB's dedicated security team, acting on threats and resolving them around the clock - at no extra cost.



#### Fully Integrated Cyber Liability Coverage

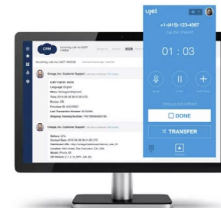
Utilizing next generation blockchain technology for rapid breach remediation and claims resolution, our industry-leading coverage requires no insurance brokers, no complicated research, and no yearly contracts - it's all included in one affordable, flexible monthly subscription.



UJET is the world's first and only cloud contact center platform for smartphone era CX. By modernizing digital and in-app experiences, UJET unifies the enterprise brand experience across sales, marketing, and support, eliminating the frustration of channel switching between voice, digital, and self-service for consumers.

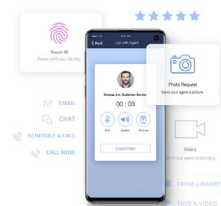
### Voice

Modernize your voice experience, reduce operational costs, and shorten call times with channel blending and channel steering, and by providing customers with a unified end-to-end mobile, web, and in-app brand journey. Provide callers with a localized calling experience and clear, low latency audio anywhere in the world through global routing algorithms that keep all media in region. Improve customer and agent pairing with UJET's intelligent ACD platform to route based on contextual data and customer intent, rather than simple skill to IVR menu matching.



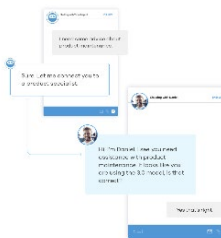
### SMS Messaging

Enable your customers with SMS messaging - one of the fastest growing contact center channels. Stop channel switching, and start channel blending by using Voice + SMS together for more modern and natural conversations that combine the best of these two popular channels. Make hold time productive by gathering contextual data using UJET's wait-time SMS capabilities. Provide agents with the pre-call SMS transcripts so they have full context before the conversation begins.



### Chat

With UJET it's simple to make chat a part of your channel mix. You can embed chat into your mobile app and website with our full-featured and well documented software development kits (SDK's). Proactively engage customers at the right time and use web page views to improve routing accuracy. As always your agents have one interface for every channel, making it easy to train agents and easy for them to use.



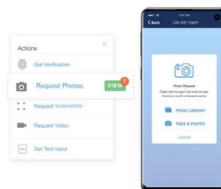
### Smart Actions

#### Identity Verification

Authenticate customers using the same biometric and pin security they use to unlock their smartphone.

#### Request photos, screenshots, and video

Prompt customers to take and share photos, screenshots, and video using their smartphone camera or from their photo library.



#### Text Input

Validate spelling or allow customers to share information without speaking out loud.

#### Request Payment

PCI-compliant payment tools that won't expose sensitive data to agents.

# zoom

Zoom helps you express ideas, connect to others, and build toward a future limited only by your imagination. Zoom's frictionless communications platform is the only one that started with video as its foundation, and they have set the standard for innovation ever since. That is why Zoom is an intuitive, scalable, and secure choice for large enterprises, small businesses, and individuals alike.

## Meetings

### Unparalleled Usability

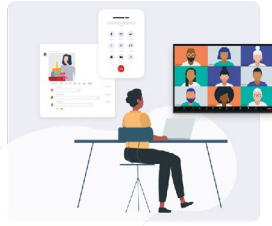
Enable quick adoption with meeting capabilities that make it easy to start, join, and collaborate across any device.

### Join Anywhere, on Any Device

Zoom Meetings syncs with your calendar system and delivers streamlined enterprise-grade video conferencing from desktop, mobile and dedicated Zoom for Home Devices.

### Powerful Meeting Security

Robust security settings ensure disruption-free meetings. Encryption, role-based security, Passcode protection, Waiting Rooms and more.



## Zoom Video Webinars

### Connect in a More Personal Way

Stop hiding behind content and put your authentic self front and center. Connect with both internal and external audiences by sharing live HD video.

### Present with Confidence

Leverage virtual backgrounds, studio effects and background noise suppression to look and sound your best no matter where you are presenting. Control the experience to minimize audience interruptions.



### Scale to Massively Large Audiences

Reliably and securely scale to 50,000 people in your live video webinar. Grow your external audience by live streaming your event on YouTube Live, Facebook Live and other custom streaming services.

## ZoomPhone

### Enterprise Cloud Phone System

Enterprise-class features with a modern user experience to streamline voice communications.

### Centralized Management

Provision and manage users, monitor call quality and usage data in the Zoom administrator portal.

### Secure and Reliable

The globally distributed Zoom cloud platform delivers secure HD Voice with enterprise-class reliability and quality of service.



## ZoomEvents

### Build Your Own Event Hubs

Use our step-by-step editor to create your own branded event hubs. Easily manage your events and share your customized URLs. Create both public and private hubs and have a dedicated space for your organization's event discovery.

### Manage Ticketing and Registration with Ease

Host different types of virtual events with customizable registration and built-in ticketing options. Set the number of free and paid tickets available per event. Support group purchases, gifts, and donations.

### Host a Variety of Events

Set up public or private events that are free, paid, live, or on-demand. Schedule your events to be single-session, multi-session, or drop-ins and post recordings after the event.

### Foster Connections

Give your attendees the chance to network with the ability to easily exchange contact info, chat and initiate meetings with other attendees in the event lobby.

### Decide with Data

Track event registration, attendance, ticket sales, revenue, and more. Zoom Events has analytics to help you understand your event performance and improve your virtual events.



## ZoomChat

### Powerful, Secure and Seamless

Zoom Chat has a set of robust features to anchor your Zoom communication platform across meetings, phone, rooms, and webinar.

### Fits into Your Workflow

Our open platform allows external collaboration and integrations with the apps you use today.

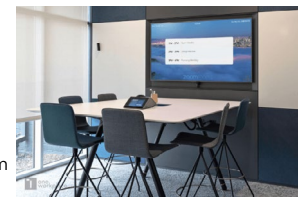
### Easy to Manage and Deploy

Centralized remote deployments, ongoing management and an intuitive interface drive adoption while freeing up administration time.



## ZoomRooms

The modern workspaces for hybrid teams, Zoom Rooms bring HD video collaboration into any space - in the office, in the classroom, or at home - and enable in-person and remote participants to interact in real time. Simple to start a meeting, book a room, and share content, Zoom Rooms are the conference room experience you've always wanted.



- HD Video and Audio - Flawless, high-definition video across desktop, mobile, and room systems
- One Touch to Join - Quickly join scheduled meetings with one touch on a wide range of hardware from leading vendors
- Wireless Sharing - Share content from your laptop or mobile device easily with just one touch
- Interoperability - Support for standards based SIP/H.323 hardware endpoints



Experiences That Matter

**Avaya IX™ Meetings**

Avaya's rich, no-compromise, team engagement solution enables users to truly collaborate anywhere from any device, across any channel.

Avaya's IX™ Meetings product portfolio is a powerful combination of hardware and software products that is fully standards-based and offers the highest performance available in today's video conferencing solutions. The Avaya IX™ Meetings platform is used by institutions, enterprises, and service providers to create one-stop access to voice, video, chat communications channels, calendar, meetings and more regardless of the communication network.



**On Premise**

**TEAM ENGAGEMENT**

This model addresses customers that already have or plan to deploy a full Avaya UC platform that includes SMGR, SM 7.x and all others Avaya UC components. These customers will have access to the "named user" business model and will obtain IX™ Meetings as part of the Power Suite (permanent or subscription) licensing entitlement.

**OVER THE TOP**

Customer can use a UC platform other than Avaya. This customer will use the "per port" based model.

**Cloud**

Boost your productivity and enhance your relationships with HD video, audio, and web collaboration from Avaya's cloud-based video solutions. Bring the experience of a face-to-face meeting to your employees, customers and partners, anywhere, on nearly any device. Simplify and converge your audio, video, web collaboration, and webcasting to one cloud platform and app.



**Avaya IX Room Systems**

The Avaya IX Room Systems portfolio provides a high level of flexibility. The customer can construct a system, combining codec, camera and microphone depending upon the need.

**Avaya XT7100**

The Avaya XT7100 is the Avaya flagship product in the XT room systems series. The XT7100 incorporates dual 1080p/60fps live video and content, HD audio, H.265, H.264 High Profile and Scalable Video Coding (SVC), and 9 sites multi-party calling. The product is provided as codec only, and main HDMI camera can be selected among the available models (Deluxe Camera, Flex Camera and Advanced Camera). Dual HDMI input allows simultaneous connection of two cameras in switching mode for full coverage of large rooms or auditoriums.



**Avaya XT5000**

The Avaya XT5000 is the best combination of price and performance. It incorporates dual 1080p/60fps live video and content, HD audio, simultaneous H.264 High Profile and Scalable Video Coding (SVC), and multiparty calling. The product is provided as codec only, and main HDMI camera can be selected among the available models (Deluxe Camera, Flex Camera and Advanced Camera). The second video stream can be used with an additional camera or for high resolution 60fps data and content sharing. An embedded MCU with support for continuous presence with up to 9 participants is available.

**Avaya XT4300**

The Avaya XT4300 offers outstanding value and cost-effective full HD video collaboration specifically designed for the needs of smaller and mid-sized conference rooms. The Avaya XT4300 is well equipped and includes dual 1080p/60fps live video and content, HD audio, H.264 High Profile and Scalable Video Coding (SVC), dual display support and a wide-angle PTZ camera. The Avaya XT4300 offers optional embedded multi-party conferencing with support for up to 4 participants, also with mixed PC, Mobile, and room system clients. The advanced audio system delivers CD-quality, 20 kHz audio and includes a 1-way beam forming analog microphone pod that isolates the speaker from the noise.

**Avaya XT Executive 240**

The Avaya XT Executive 240 integrates the advanced Avaya XT video conferencing platform with a high resolution 24-inch LED display. The Avaya XT Executive's 24" full HD LED display, HD camera, high fidelity speakers, echo cancelling microphone and advanced video conferencing platform provide an elegant all-in-one desktop video conferencing system and PC display. The system also offers optional embedded multi-party conferencing for impromptu group meetings, unique HD 1080p for highly detailed content sharing and available simultaneous 1080p video for an outstanding experience.



**Avaya IX Cameras**

**Avaya CU360**

The CU360 is a compact all-in-one video collaboration unit that turns any space into a video collaboration room. The CU360 is quick and easy to set up with auto provisioning. It seamlessly integrates with cloud services such as Avaya IX Meetings and other supported 3rd party cloud video solutions.



**Avaya IX Tracking Camera TC220**

The Avaya IX Tracking Camera is a smart solution for large meeting rooms, directing the meeting in an intelligent way, by focusing on an active speaker. With the combination of audio tracking and face recognition, it properly identifies the position of the active speaker(s) and fluidly transitions from one view to another with its dual cameras. Viewers never lose speaker expressions, even in a large conference room.



**HC010**

The Avaya HC010 Huddle Cam 010 - A full HD USB fixed camera, providing a high quality 1080p30 video signal, with digital Pan Tilt Zoom. Perfect solution for laptops.



**HC020**

The HC020 is a full HD USB fixed camera perfect for personal offices or small huddle rooms. It can be used as part of the IX XT series, or as a camera to connect to meetings on the Avaya IX Meetings client via the OCC Hub.



**HC050**

The HC050 is a full HD Pan-Tilt-Zoom USB camera perfect for medium to large rooms. It can be used as part of the IX XT series, or as a camera to connect to meetings on the Avaya IX Meetings client via the OCC Hub.



**Avaya One Cable Connection (OCC) Hub**

The Avaya OCC Hub is a core component of the Avaya huddle room kit for laptops. With the OCC Hub, you can easily transform any office into a video conference room. One cable connects your laptop with the Avaya IX Meetings client, a HC camera and an audio conference speakerphone.





Quality matters and is critical to effective and productive video collaboration. Boom is passionate about collaboration and their range of stylish cameras are designed and built with the highest quality for crisp, clear and vivid images. Video enables remote workers, huddle rooms, class rooms or conference rooms with their collection to achieve the best remote meetings wherever you are. With Boom cameras, enjoy professional quality video that's easy to install. Better meetings. Simply.

**Boom MINI**

The Boom MINI combines functionality with performance. Using an advanced Image Signal Processor (ISP), the MINI provides: a vivid clear image with even brightness, fantastic color rendering, a high resolution image and ultra-smooth video transmission. Plug & Play via USB makes setup a breeze. The Boom MINI is a smart and reliable solution for Better Meetings.



**Boom MEZZO**

The Boom MEZZO combines 4K Ultra HD @ 30fps with electronic PTZ and built-in AI functions that include highly responsive auto-framing. Advanced ISP processing algorithms provide vivid images with balanced brightness, strong color layering, high resolution and fantastic color rendition. Now that's what intelligent cameras are made of.



**Boom MAGNA**

Take your video conferencing to the next level with Ultra HD 4K @ 60fps and 12x optical zoom. Enjoy superior image quality with Sony CMOS sensor and excellent low light optimization. Multiple video outputs, noise reduction, remote control and multi-codec IP streaming make the Boom MAGNA your go to camera for medium to large conference rooms. Anyone passionate about video collaboration needs this camera.



**Boom GIRO/GIRO PRO**

The Boom GIRO rounds out your collaboration space with better audio. Enjoy full-duplex audio with industry-leading echo cancellation and intelligent dynamic noise suppression.



**Boom UNO**

The Boom UNO gives you all the tools you need for effective collaboration in a simple user friendly package. Enjoy video calls in full HD combined with a powerful speakerphone with omni-directional pickup, full-duplex and advanced echo cancellation and noise suppression.



**Delivering Technical Training and Support through Jenne University**



**Jenne University** is the place where training and support converge. While other distributors outsource their training instructors and facilities, Jenne maintains its own brick and mortar training center where our customers can gain technical or sales expertise. Our state-of-the-art training facility incorporates fully equipped classrooms with a conference demo center.

**We offer:**

- An Avaya certification program encompassing Enterprise and SME to ensure comprehensive capability.
- Official Pearson VUE® Testing Center, allowing students to leave Jenne University completely certified.
- Classrooms fully equipped with the latest equipment to provide a truly interactive hands-on experience.
- Customized training maps specific to your sales and technical competency to ensure the curriculum aligns with your business needs.
- Regional training courses available at designated sites across the country, or at a reseller's location. For a complete schedule, visit Jenne's website at [www.jenne.com](http://www.jenne.com).
- Frequent webinars on the latest manufacturer equipment and releases.
- Training courses encompassing Panasonic, Status Solutions, and Mitel Communications Solutions.



HuddleCamHD is a U.S.-based company operating from Downingtown, Pennsylvania that manufactures USB connected conference cameras and speakerphones. Offering both wireless and wired USB webcams, HuddleCamHD is most known for its affordable USB cameras with pan, tilt, and optical zoom capabilities.

### 3XA/10XA

The HuddleCamHD 3XA/10XA is ideal for small to medium sized meeting rooms. This camera has a built-in microphone array and is compatible with every system that accepts USB cameras. The HuddleCamHD 3XA/10XA provides a new level of simplicity and professionalism for web video conferencing systems. Offering superior quality at an affordable price, the entire HuddleCamHD line of cameras is easy to set up and ready to use in a matter of minutes.



### 3X Gen2

Designed with a wide variety of conferencing setups in mind, the HuddleCamHD 3X is ideal for small to medium sized conference rooms using a Mac or PC computer with web-based video conferencing / live streaming software. HuddleCamHD 3X is totally re-designed with a wide 82° field of view and 3X optical zoom. With a USB 2.0 video connection this conference camera is ideal for virtually any meeting software used in a small to medium sized room.



### 10X G3

The combination of advanced USB 3.0 connectivity and the re-designed 10X optical zoom lens makes the HuddleCamHD 10X-G3 the most powerful web conferencing camera on the market. Perfect for medium sized rooms where the ability to zoom in and share detailed video is important. The HuddleCamHD USB 3.0 camera series is built to provide superb 1080p quality. Ten times faster than USB 2.0, you will notice the difference right away.



### 20X G2

The combination of advanced USB 3.0 connectivity and the re-designed 20X optical zoom lens makes the HuddleCamHD 20X-G2 ideal for high powered webinars and online presentations. Perfect for medium to large sized rooms where the ability to zoom in and share detailed video is important. Your customers can control this camera with HuddleCamHD's PTZ Joystick or the included IR remote control.



### HuddleCam GO

The HuddleCam GO turns any Mac, PC or Chromium OS computer into a robust video conferencing system. The single USB cable simplicity will connect automatically with meeting softwares such as Skype, GoToMeeting, WebEX and Zoom. With the HuddleCam GO, the complete system has been designed around a single USB 2.0 connection. The USB 2.0 cable supplies power, video, and audio both ways. Easily take the HuddleCam GO on the road with its small footprint and lightweight design. A rugged USB 2.0 micro cable is included for secure connections to any laptop, desktop or Chromium PC, reducing clutter and streamlining meeting setup.



### Universal Small Wall Mount

This Universal Thin Profile Wall Mount was designed specifically for an ideal way to wall mount a camera above or below a plasma or thin profile monitor. Constructed from heavy gauge steel, this mount comes with 2 year manufacture warranty.



### Serial Joystick Controller

Easy pan, tilt & zoom controls for any RS-232, RS-422, RS-485 VISCA or Pelco protocol camera! Controls pan & tilt with variable speed. Use 3 dimensional joystick with "twist" for variable control of zoom.



### SimpliTrack 2

The HuddleCamHD SimpliTrack 2 has been designed to automate camera control and reliably track subjects at distances up to 50 feet away from the camera. Users will be amazed how easy the setup and network management is with the SimpliTrack. With advanced tracking options, once the camera has been installed users will never need to worry about camera operation again.



### Webcam

The Webcam is made to make video conferencing and recording easier than ever. This webcam has been designed to include features that you will find in much more expensive webcams at a price that anyone can afford. The Webcam is a plug and play USB 2.0 webcam built for hassle-free cloud-based video conferencing applications like Skype for Business and Zoom. But it's also flexible for use with high definition live streaming on social media websites such as YouTube or Facebook. This high definition 1080p webcam features a wide-angle 94-degree field of view. It's a perfect fit for small meeting rooms and personal office spaces. The high-quality optics on the Webcam includes automatic controls for exposure, white balance, and even wide dynamic range.



### HuddlePair

HuddlePair combines our industry's leading wireless USB speakerphone technology with a wide-angle webcam to create a simple, affordable, wireless, video conferencing solution. This webcam and speakerphone combination is ideal for video conferencing and recording with any software application. Using a single USB 2.0 cable, your customer's meeting rooms can be set up in a matter of minutes with a wireless speakerphone that can be placed on their meeting room table and camera that can easily mount to any LCD.



### HuddleView

To truly customize a conferencing space, every HuddleView features software that gives camera operators the ability to set blocking zones where the camera won't track. The software also makes it possible to operate multiple HuddleView cameras on the same network. The HuddleView uses artificial intelligence technologies to ensure that all meeting participants are captured in the camera's frame. Enjoy the highest quality video conferencing experience with zero setup. The HuddleView simplifies your customer's meeting experience by automatically zooming into the people in their conference room and comfortably framing their video output for the ideal video.



### HuddleCamHD™ Pro

With an ultra-crisp 4K sensor, this webcam will take your video conferencing and live streaming projects to the next level. Want to pan, tilt and zoom with a webcam? No problem! Capture beautiful video in 4k and zoom in just like a broadcast PTZ camera with 100x optical zoom. Zoom in to and create digital ePTZ presets that you can recall with the click of a button, using the included IR remote. Also included in its sleek design is an array microphone, enabling a complete solution.



### 4K NDI® Webcam

This 4K NDI webcam is ready to bring IP video to your next project. With EPTZ controls that work inside most NDI compatible applications, you can capture and control this camera from anywhere on your network. Use this webcam for video conferencing during your meetings, video recording for marketing, and live streaming for online engagement... A whole new world of affordable, turn-key connectivity is ready for you to explore.



### HuddleCamHD™ HuddlePair

USB 2.0 Webcam & Wireless Speakerphone  
The HuddlePair camera features a wide 106-degree field of view capable of capturing multiple meeting room participants even in close proximity to the camera. The HuddlePair features a 1080p video camera and is ideal for high definition video conferences and recordings. The included wireless speakerphone features an omnidirectional microphone designed to provide a 360 degree pick up range for your meeting spaces. With 256 ms echo cancellation and intelligent noise cancellation up to 16-decibel levels, your meetings will sound crystal clear.





## Best-in-Class

### Lifesize® Subscription

Only Lifesize provides an award-winning conference room system with best-in-class mobile apps combined with a cloud video service that connects everyone from the meeting room to the office and on the go.

Add great features like Microsoft Teams/Skype for Business integration, Single sign on, Lifesize Extreme Support and many more! Lifesize Live Stream is ideal for organizations that want to live stream company meetings, executive updates, trainings and classes to audiences across multiple locations. With Lifesize Record and Share, you can record and share calls instantly and build your own personal video library.

Small Account	Medium Account	Large Account
<b>Included Features</b> <ul style="list-style-type: none"> <li>• Unlimited One-time meetings</li> <li>• 10 Permanent meeting rooms</li> <li>• Calls between 25 sites</li> <li>• Single sign-on</li> <li>• Everyday collaboration features</li> </ul>	<b>Included Features</b> <ul style="list-style-type: none"> <li>• Unlimited One-time meetings</li> <li>• 25 Permanent meeting rooms</li> <li>• Calls between 50 sites</li> <li>• Single sign-on</li> <li>• Everyday collaboration features</li> </ul>	<b>Included Features</b> <ul style="list-style-type: none"> <li>• Unlimited One-time meetings</li> <li>• 50 Permanent meeting rooms</li> <li>• Calls between 100 sites</li> <li>• Single sign-on</li> <li>• Microsoft integrations</li> <li>• Lifesize Extreme Support</li> <li>• Everyday collaboration features</li> </ul>

### Additional Features

Customize your subscription with the additional features you need.

- Calls between 25 sites
- Calls between 50 sites
- Additional users
- Additional virtual meeting rooms
- Audio conferencing
- Lifesize Extreme Support
- Lifesize Record and Share
- Lifesize Live Stream
- Microsoft Teams/Skype for Business integration
- Single sign-on (SSO)
- Professional Services

**NOTE:** Feature availability and price vary by subscription plan, selected options, and paired devices.

## Lifesize App

### One Solution. Unbelievable Meetings.

Organizations worldwide are looking for ways to enhance employee engagement and business relationships regardless of where teams happen to be. Collaboration among employees, suppliers and customers is essential to move business forward, but connecting a global and mobile workforce can be a complex and costly challenge.



Collaboration drives creativity, productivity and efficiency for any business, so it shouldn't be hard. We've analyzed how users work together to achieve one of the most critical factors in driving adoption and use — simplicity.

With Lifesize, IT pros can enable their organizations to connect and collaborate effectively — all through one provider and one easy-to-use solution. The Lifesize application is streamlined and designed to enhance all of the different ways your team communicates. Get video, web and audio conferencing, chat and the ability to stream and record meetings. The Lifesize cloud-based service is simple, secure and scalable — and built for the devices, platforms and workflows you use every day.

- Connect via desktop, mobile and browser-based web app
- Integrated, plug-and-play HD camera systems and HD phones for every room
- Global reliability with business-class security, performance and resiliency
- Integrates with other enterprise communication providers
- Supports direct media for point-to-point calling between Lifesize clients
- Integrated firewall traversal and built-in encryption
- 24x7x365 Extreme Support — we're always here to help
- Automatic software updates

## Enhance Your Experience — Lifesize® Icon™ Series

The Lifesize Icon Series offers the simplest and most intuitive video calling solutions on the market. Lifesize Icon systems are as easy to operate as a smartphone with the added bonus of face-to-face interaction, which propels productivity and stronger connected relationships.

### Lifesize® Icon 300™

The Lifesize Icon 300 brings simplicity and reliability to your huddle room working sessions, giving your teams the flexibility to connect face to face with anyone inside or outside of your network. Set up is plug and play, controls are intuitive and every call is encrypted by default.



### Lifesize® Icon 400™

The Lifesize Icon 400 is designed to bring the power of video collaboration to small meetings. Sized perfectly for huddle rooms and wherever small teams congregate, Lifesize Icon 400 delivers an unparalleled immersive experience that enables participants around the world to focus on sharing knowledge and achieving the objectives of the meeting.



### Lifesize® Icon 450™

Lifesize Icon 450 is perfectly designed to bring the power of video communication to huddle rooms. The smart-framing sensor automatically adjusts the camera to ensure that everyone in the room is visible during the call.



### Lifesize® Icon 500™

The Lifesize Icon 500 is designed for a range of video conference room sizes and delivers stunning 4K content sharing and brilliant 4K video quality with impressive meeting room flexibility. Set up your small meeting rooms with a Lifesize Icon 500 conferencing system and a single display, or size up to larger rooms by adding a dedicated display for full-screen presentations.



### Lifesize® Icon 600™

Lifesize Icon 600 is a video system designed on one fundamental principle: simplicity. Setup takes minutes and starting a video call takes seconds.



### Lifesize® Icon 700™

Lifesize has revolutionized video communication with the most captivating experience possible. Lifelike 4K image quality, ultra high definition content sharing, superior sound and a breathtakingly powerful camera zoom combine to create a meeting room experience that's 10X better than anything else in the market.



### Lifesize® Icon 800™

Lifesize Icon 800 delivers the ultimate communication experience to auditoriums and other large meeting spaces.



### Lifesize® Phone™ HD

Lifesize Phone HD is command central for video, audio and web conferencing via Lifesize Icon systems paired with the Lifesize app. This touchscreen device simplifies your meeting room experience by putting all of the essential conferencing functions at your fingertips. Now you can easily manage Lifesize video and audio calls and web conferences from one highly intuitive device. And if you only need to give a presentation to others in the conference room, Lifesize Phone HD lets you do that, too.



### Lifesize® Share™

Lifesize Share eliminates the clutter and delivers a truly wireless solution for sharing media.







For 30 years Konftel's mission has been to help people in businesses around the world hold millions of meetings despite distance. Our focus has been set on offering the perfect sound. Now it's time to bring video into our meeting solutions. It's time to add a face to the voice. Konftel Collaboration is a range of package solutions that make video conferencing in any type of meeting room incredibly easy and of great value.

### Konftel 800

IP conference phone with intuitive interface. OmniSound® audio technology brings a natural sense of presence to the dialog. Can easily be Daisy-chained with three devices. Suits everything from small to really large meeting rooms.



### Konftel 300IPx

One click is all it takes to start or join a meeting. With the Konftel 300IPx, making conference calls and using the mobile app Konftel Unite are both as easy as can be. The IP conference phone is The Art of Easiness.



### Konftel 300Wx

The wireless conference phone allows you to hold meetings wherever is convenient for you - without worrying about network connection and power outlets. The conference phone does not include a base station. It can be registered with an existing Konftel DECT base or GAP compatible system.



### Konftel 300Wx IP

Wireless freedom combined with HD audio. This is what you get with the Konftel 300Wx IP when connected to IP telephony via the accompanying SIP DECT base. Give your conference calls the full dynamics they deserve!



### Konftel 300

An incredibly flexible and powerful conference phone. It supports user scenarios from traditional telephony to PC-based collaboration for everything from personal meetings to large auditoriums. It's also packed with smart features.



### Konftel 55Wx

A compact, high-performance speaker phone with OmniSound® audio technology. It delivers crystal-clear HD audio in a wide range of meeting scenarios, including wireless. The Konftel 55Wx is the all-in-one solution, so you can do things your way, fuss-free.



### Konftel 55

A stylish and easy-to-use speakerphone with impressive, crystal clear HD sound thanks to our OmniSound® audio technology. The touchscreen makes controlling calls simple, whether you're connected to a computer, mobile phone or desk phone.



### Konftel Ego

A personal speaker phone. Small and portable, yet a clear center point in all huddle rooms. Despite its size, the Konftel Ego delivers a crystal-clear audio experience with OmniSound®.



### Konftel CC200

An all-in-one conference camera for standard-based video conferencing, SIP/H.323. 4K camera sensor, video in full HD 1080p, 102 degree camera angle, four built-in microphones and OmniSound optimization. Perfect for huddle rooms and home offices.



### Konftel C50800 Hybrid

A flexible premium video collaboration solution for medium to really large meeting rooms, combining the Konftel Cam50 PTZ conference camera, the Konftel 800 conference phone with OmniSound® and the Konftel OCC Hub for One Cable Connection.



### Konftel C50300 Hybrid

Konftel C50300 Hybrid is a flexible range of premium video collaboration solutions for medium and large meeting rooms, combining the Konftel Cam50 PTZ conference camera and a Konftel 300 model with OmniSound® audio quality. Choose the model that matches your company's telephony solution: IP telephony, wireless DECT or analog.



### Konftel C5055Wx

The perfect video collaboration solution for medium and large meeting rooms. Fantastic PTZ camera, expandable speakerphone with OmniSound® and Konftel OCC Hub with HDMI for screen connection.



### Konftel C2055 or C2055Wx

The perfect video collaboration kits for medium sized meeting rooms: 4K camera, speakerphone with OmniSound® and Konftel OCC Hub with HDMI for screen connection.



### Konftel C20Ego

The perfect video collaboration kit for small huddle rooms: 4K camera, speakerphone with OmniSound® and Konftel OCC Hub. Easy to use and great value.



### ALREADY HAVE A KONFTEL WITH USB? JUST ADD CAMERA AND HUB.

#### Konftel Cam50

The Konftel Cam50 brings exceptional image quality to large video conferences at a fraction of the cost of other comparable conference cams. The powerful optical zoom captures faces with amazing clarity.



#### Konftel Cam20

The Konftel Cam20 is the conference camera that brings 4K Ultra HD video to huddle rooms and medium-sized meeting rooms. It provides coverage for all participants, who are presented naturally in the pinsharp image. A perfect huddle room camera.



#### Konftel Cam10

The new Konftel Cam10 is a business class webcam for desktop users. Create an enhanced visual and audio experience with a wide 90 degree viewing angle, HD video output, dual microphones, and easy set-up.



#### Konftel OCC Hub

The Konftel OCC Hub is the beating heart of Konftel's solutions for video conferencing in every kind of meeting room. It supports Konftel One Cable Connection, so a single USB cable is all you need to connect the camera, the speakerphone and the room's screen to the collaboration app on your laptop.



# logitech®

Logitech, a world leader in products that connect people to the digital experiences they care about, offers a range of collaboration tools that are easy to use with virtually any application almost anywhere. ConferenceCams and personal webcams bring true-to-life HD-quality to collaboration. USB headsets and mobile speakerphones deliver crystal clear audio and high-quality HD video with features that make sense. Logitech helps businesses increase productivity through better collaboration - from the desktop to the conference room - with intuitive designs that are good for people and good for business.

## Rally and Rally Plus

Logitech Rally delivers studio-quality video, unmatched voice clarity, and RightSense™ automation for more natural meetings with most any software-based video conferencing service. Rally and Rally Plus come equipped with Ultra-HD video, modular audio components, and RightSense™ automation: RightLight™ for automatic facial luminance and color optimization, RightSound™ for automatic audio calibration, and RightSight™ for proactive camera control. Rally includes a camera, table and display hubs that minimize cross-room cabling, one speaker and one mic pod. Rally Plus adds a second speaker, a second mic pod, and an add-on mounting kit. Additional mic pods are available for custom installations. Complimentary support is included with all Rally products. With its sleek design, premium materials, and unequalled capability, the Rally portfolio raises the bar for USB-connected conference camera systems.



## Rally Camera

With premium industrial design and an Ultra-HD imaging system, Rally Camera tops the lineup of standalone video cameras from Logitech®. Packed with advanced optics and breakthrough technology enhancements, Rally Camera delivers peerless performance, exceptional versatility, and easy deployment. Rally Camera combines world-class Logitech optics and 4K sensor with whisper-quiet mechanical pan, tilt, and zoom functions and high-end materials suitable for any professional setting. With razorsharp 15X HD zoom, expansive 90° field of view, and truly phenomenal video quality, Rally Camera captures every person in the room with amazing clarity.



## PTZ Pro 2

Logitech® PTZ Pro 2 camera delivers premium optics and lifelike video calls to create the experience of sitting together in the same room, even if you are a thousand miles away. It sets a new standard for high-quality, professional video with brilliantly sharp image resolution, outstanding color reproduction, and exceptional 10x HD zoom. Performance enhancements in the PTZ Pro 2 camera include smoother pan and tilt motion and more consistent focus during zoom. The camera features lenses designed and manufactured by Logitech and engineered to provide unparalleled sharpness, color rendition, and speed in a variety of lighting conditions. At half the price of comparable models, PTZ Pro 2 is the smart choice for large conference rooms, auditoriums, classrooms, healthcare settings, and other professional environments where clear, high-resolution video is a must.



## ConferenceCam Connect

Logitech® Connect goes beyond its award winning design - video conferencing so simple to use that anyone can set it up and so affordable you can enable every meeting room with video. Designed for small groups of up to six people, this video conference solution offers a generous 90° field of view with digital pan and mechanical tilt, 4x digital HD zoom, and razor-sharp optics making it easy to see everyone in the room. With Connect, your customers can also use the USB and Bluetooth mobile speakerphone for great sounding audio calls. With true 360° sound, users can hear and be heard within a 12-foot diameter range while acoustic echo and noise-cancelling technology delivers life-like sound.



## MeetUp

MeetUp is Logitech's premier ConferenceCam designed for small conference rooms and huddle rooms. With a room capturing, super-wide 120° field of view and 4K optics, MeetUp makes every seat at the table clearly visible. MeetUp's integrated audio is optimized for huddle room acoustics and delivers an exceptional sound experience.



## BRIO

Logitech® delivers our best ever webcam with 4K UHD and 5X zoom for truly amazing video quality with BRIO. BRIO's 4K image sensor is a next-generation powerhouse that enables 5X digital zoom and multiple resolutions to optimally support any computer/network environment. Logitech's RightLight™ 3 with HDR helps you look your best in any illumination, from low light to direct sunlight. Advanced Logitech optics deliver razor-sharp video resolution with autofocus and multiple field of view options, up to 90°.



## C930e

Experience video calls that are the next best thing to being there in person. Logitech® C930e Webcam delivers clear video and sound in virtually any environment, even low-light conditions. With HD 1080p, a wide 90-degree field of view, pan, tilt, and 4x digital zoom, C930e offers advanced webcam capabilities for superior video conferencing. Raise meeting productivity with remarkably clear video at all times - even when bandwidth is limited. The C930e Webcam supports H.264 UVC 1.5 with Scalable Video Coding to minimize its dependence on computer and network resources. Plus, USB plug-and-play connectivity makes the C930e webcam simple to start and even easier to operate.



## BCC950

Small group video conferencing deserves more than huddling around PC webcams or begging for time on overbooked conference room systems. The ConferenceCam BCC950 combines high quality HD video and crystal clear audio in a simple, amazingly affordable package, so small groups can run their own video conferences anywhere in the office. Designed with small groups in mind, ConferenceCam BCC950 is an all-in-one video and audio conferencing device ideal for huddle rooms, private offices and small conference spaces. With professional HD video and crystal clear audio, small groups up to 4 can be seen and heard so no one in the meeting is out of range. Control the call from anywhere in the room with remote control and on-unit buttons.



## C505e HD WEBCAM

C505e provides a 60° diagonal field of view, fixed focus and auto light correction that adjusts illumination of most spaces; one omnidirectional mic supports clear conversation up to 3 meters away. The extra-long USB-A cable and universal clip provides a wide range of versatile mounting options. Secure it on a screen- or mount it up to 7 ft (2m) away from your computer. C505e works with all popular video applications, including Microsoft® Teams, Skype™ for Business, Google Voice and Meet, Zoom® and others to ensure compatibility and seamless integration in the workplace.



## C920e HD WEBCAM

C920 delivers remarkably crisp and detailed Full HD video (1080p at 30fps) with a full HD glass lens, 78° field of view, and HD auto light correction—plus dual mics for clear stereo sound. Everything you need to look great in conference calls and record polished demos. C920e adjusts to the lighting conditions to produce brighter, contrasted images, even in a dim setting. Stereo microphones ensure your voice comes through sounding natural and clear.



## LOGITECH SWYTCH

Logitech Swytch is a BYOM (bring your own meeting) laptop link for video conferencing in meeting rooms, linking a Windows® 10 laptop, MacBook®, or Chromebook to the room's AV equipment with a single USB Type A or C connection. Swytch works in rooms with a dedicated computer - including Microsoft Teams Rooms and Zoom Rooms - and in BYOM rooms equipped with a only conference camera and display. Simply connect Swytch to the laptop via USB and launch the desired application to enjoy broadcast-quality video and content sharing at up to 4K resolution.





PTZ Optics is a U.S.-based company operating from Downingtown, Pennsylvania that manufactures PTZ broadcast conference cameras. PTZ Optics cameras offer a wide variety of connectivity options including: HD-SDI, HDMI, USB 3.0 and IP Streaming.

**12X SDI/USB (GEN2)**

The PTZ Optics 12X-SDI/USB is a 1080p camera with 12X optical zoom for capturing both wide angles and long shots. With support for 3G-SDI/3.0 USB, HDMI, and IP Streaming (H.264, H.265 & MJPEG) this camera is ideal for broadcasting high definition video signals for broadcast, recording or video conferencing applications.



**20X SDI/USB (GEN2)**

The PTZ Optics 20X-SDI/USB is a 1080p camera with 20X optical zoom for capturing HD images at long distances. With support for 3G-SDI/ 3.0 USB, HDMI, and IP Streaming (H.264, H.265 & MJPEG) this camera is ideal for broadcasting high definition video signals for broadcast or video conferencing applications.



**30X SDI (Gen 2)**

The PTZ Optics 30X-SDI is a 1080p camera with 30X optical zoom for capturing HD images at long distances. With support for 3G-SDI, HDMI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications.



**ZCam 20X**

The PTZ Optics ZCam-20X is a 1080p box camera with 20X optical zoom for capturing HD video even at a distance. With support for 3G-SDI & IP Streaming, this camera is ideal for broadcasting high definition video signals for broadcast or video conferencing applications up to 1080p/60 resolution.



**ZCam Variable Lens**

The PTZ Optics VL-ZCam is a 1080p box camera for capturing HD video with a variety of lenses. With support for 3G-SDI & IP Streaming this camera is ideal for broadcasting high definition video signals for broadcast, surveillance or video conferencing applications up to 1080p/60 resolution. The PTVL-ZCAM comes complete with your first lens with 4X Zoom and a 122° wide angle field of view.



**DB9 Extenders**

The DB9 Extenders give you the ability to extend your serial/VISCA cables over a longer distance, giving control of your camera via joystick or USB to Serial adapter to your PC with the VISCA software of your choice. These serial DB9 Male to Female cables are plenum rated and they come in black.

**HD-SDI Cables**

HD-SDI cables are made for broadcasting a video signal from your camera to a video input such as a broadcast switcher or frame grabber. The HD-SDI male to male cables are made with Belden 1695A premium cabling. These are plenum rated cables that come in white.

**CASCADE Cables**

CASCADE cables are designed to daisy chain cameras to each other for the ability to control multiple camera with a joystick or VISCA software. These male to male VISCA cascade cables are include a 8-pin mini din connector on each end. These cables are plenum rated and they come in black.

**IP Joystick Controller**

Easy pan, tilt & zoom controls for PTZ Optics cameras! Controls pan & tilt with variable speeds that now match every option inside PTZ Optics cameras. Use 2 & 3-dimensional joystick with "twist" control of focus and zoom.



**NDI Compatible Camera Models**

NDI is a paradigm shift that will increase what is possible in all things live video. These cameras enable users to think outside the box about how to plan out live streaming and video production systems in the world of IP. Using standard networking infrastructure NDI will enable users to do more with less. They will uncover new possibilities for low budget streaming and high-end video productions system alike as they move toward the future of broadcast video over IP.



**PT-WEBCAM-80**

Designed with a wide variety of portable and small room live streaming setups in mind, the PTZ Optics Webcam 80 is ideal for live streaming with any Mac or PC computer. The PTZ Optics webcam is an easy to use, Plug-and-Play camera with USB 2.0 connectivity and power.



**PT12X-NDI**

The PTZ Optics 12X-NDI is a 1080p camera with 12X optical zoom for capturing both wide angles and long shots. With support for NDI|HX, 3G-SDI, HDMI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications.



**PT12X-NDI-ZCAM**

The PTZ Optics 12X-NDI ZCAM is a 1080p camera with 12X optical zoom for capturing HD images at long distances. With support for NDI|HX, 3G-SDI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications.



**PT20X-NDI**

The PTZ Optics 20X-NDI is a 1080p camera with 20X optical zoom for capturing HD images at long distances. With support for NDI|HX, 3G-SDI, HDMI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications.



**20X-NDI ZCAM**

The PTZ Optics 20X-NDI ZCAM is a 1080p camera with 20X optical zoom for capturing HD images at long distances. With support for NDI|HX, 3G-SDI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications.



**30X-NDI**

The PTZ Optics 30X-NDI is a 1080p camera with 30X optical zoom for capturing HD images at long distances. With support for NDI|HX, 3G-SDI, HDMI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications.



**VL-NDI ZCAM**

The PTZ Optics VL-NDI ZCAM is a 1080p camera with wide angle lens for capturing HD images at short distances. With support for NDI|HX, 3G-SDI, and IP streaming (H.264, H.265, & MJPEG), this camera is ideal for broadcasting high definition video signals for broadcast, recording, or video conferencing applications.



**WirelessCable**

The PTZ Optics WirelessCable is a wireless data transmission system that functions just like a Ethernet cable. With a maximum transmission distance of 400m between 2 paired units, you can connect any device that utilizes a LAN connection. Multiple devices can be Daisy-Chaind to increase the distance up to 1600m. The WirelessCable will make set up a breeze, allowing you to connect any device to your network without a physical cable.



**Dual SDI EPTZ ZCam**

With the latest 4K video camera sensor built-in you can captured zoomed in views while maintaining 1080p and 720p quality levels. Determine the maximum zoom level that fits your project to get the most out of your 4K image. Zoom into your 4K image and create digital ePTZ presets that you can recall with the click of a button.







Poly is the global communications company that powers authentic human connection and collaboration. Face to face, they sift and sort millions of verbal and non-verbal cues to glean meaning. Poly is finding new ways to inject these cues into audio and video communication to replicate the face to face experience. To build intimacy. To break walls and span distance. To nurture the simplicity and beauty of human connection.

### Trio C60

Bring people together. Launch big ideas. And make sure everyone at the table can be heard, near or far with Poly signature audio. With the Poly Trio C60 conference phone, everything you need is at your fingertips. So simple, so powerful.



### Trio 8800

Poly Trio is the smartphone for your modern conference rooms. Marrying our legendary voice quality, with powerful video and content performance, Poly Trio can easily transform conference rooms of all sizes into collaborative, hassle-free team environments.



### Trio 8500

Poly Trio 8500 takes the ordinary conference call experience to the next level. Getting conference calls started shouldn't be hard, frustrating and time-consuming. The sleek and sophisticated design of the Poly Trio 8500 makes navigation simple to use. Easily start calls on time, every time. And with Poly's legendary voice quality, you can be sure every syllable is crystal clear with Poly HD Voice technology.



### Trio 8300

Poly Trio 8300 transforms any small conference hub into a smart collaboration space with the touch of a button. Launch conference calls in seconds. Fill the room with rich audio. Tune out distractions and keep everyone engaged with Poly NoiseBlock technology. Optimal coverage ensures every voice is heard. One device provides Wi-Fi2, USB, Bluetooth® and IP connectivity, and a simple interface launches meetings in seconds. Plus, you get future-proof flexibility with the option to easily add video conferencing and content sharing accessories. With all these options in one smart device, you can help your teams get more done in less space.



### SoundStation® Duo

Large organization or small, thousands of conference rooms or just one, you have a need to bring dispersed teams, business partners, and customers together to communicate and collaborate. Conference phones from Polycom have become the de facto standard for connecting groups of people across multiple locations. With the Poly SoundStation® Duo conference phone, Poly has taken the concepts of group productivity tool and standard office workhorse to a new level for small to midsize rooms, delivering the ultimate in deployment flexibility, ease of use, and audio quality.



### Studio

Meet Poly Studio, the premium USB video bar built for small rooms and big ideas. Delivering the best audio quality in its class, it blocks distracting sounds that can interrupt meetings. Teams on both ends of the call catch every word. With group framing and automatic speaker tracking, the connection feels personal. They see all the important details, too—right down to body language and facial expressions. Easy to manage? Of course. The cloud-based management tools let IT push software updates and make settings changes without ever leaving their desk.



### Studio X30

Don't just have a meeting. Experience a boardroom-quality performance. The Poly Studio X30 is an all-in-one video bar for huddle and small rooms. It's radically simple to use with support for leading cloud video services built right in—no PC or Mac required. Voices are crisp and clear. And wireless content sharing lets users collaborate from their devices without the need for cables or pucks.



### Studio X50

Experience full board-room-quality audio, and knock-your-socks-off video, for midsized rooms. The Poly Studio X50 all-in-one video bar is radically simple to use with support for leading cloud video services built right in—no PC or Mac required. Voices are crisp and clear. Video feels natural. And wireless content sharing lets users collaborate from their devices without cables or pucks.



### Studio P5

A small webcam that offers big experiences. Exceptional camera optics are fine-tuned so your customers come across clearly with a powerful, professional-quality image. Also includes a directional microphone and desktop management capabilities.



### Studio P15

A personal video bar gives you everything you need to look and sound your best. Great camera optics and powerful audio deliver a premium experience for remote meetings. Also includes automatic camera framing, NoiseBlock AI and Acoustic Fence.



### Studio P21

Simple set up of a premium video conferencing experience in your personal workspace. Offers the complete experience, including display, camera, microphones and speakers, with a single USB connection to your PC or Mac so it can be used with any video app.



### EagleEye Mini

The feature-rich EagleEye Mini USB camera is optimized for use in personal and small room environments. Some of its key highlights include high definition 1080p video, electronic pan, tilt and 4x zoom for an image that remains at its highest capable resolution even when fully zoomed. EagleEye Mini brings forth true color hue saturation, backlight compensation, and autofocus optimized for smaller environments ensuring accurate, sharp, life-like images. EagleEye Mini supports simulcast streams so far-end participants will enjoy the highest resolution their endpoint can accommodate. For added security, the integrated privacy shutter prevents unintentional use of your camera.



### EagleEye IV

There's video conferencing. And then there's premium HD video conferencing with the EagleEye IV—a conferenceroom camera that captures incredible detail in a wide field of view. So everyone in the meeting is seen—and knows they're an essential part of the bigger picture. Flexible enough to use in any environment, it delivers a great picture and the right view from small huddle rooms to large boardrooms.



### EagleEye IV USB

Your meetings are too important for regular video conferencing. It's time for premium HD video conferencing—with the EagleEye IV USB conferenceroom camera. It features a wide field of view, pan and tilt. It captures incredible details and natural colors in high definition with convenient USB connectivity. And it handles medium to large meeting spaces with ease and finesse.



### EagleEye Cube

Unlock the possibilities of a small meeting room with powerful video conferencing capabilities. The EagleEye Cube is the perfect way to add top-quality visuals to your superior Poly sound experience. Pair it with the G7500, Trio or Group Series systems to bring remote meetings to life. With automatic group framing, 5x zoom and legendary audio performance, your teams can connect virtually like never before.



### EagleEye Director II

Why settle for a one-size-fits-all view of your conference room? EagleEye Director II takes video conferencing and conference room web cameras to the next level—with people-tracking technology and automatic zoom. You'll find that when people aren't worrying about staying in camera view or how to work a remote control, they stay focused on the bigger issue—solving critical business problems.



### EagleEye Producer

EagleEye Producer takes giant, exciting strides forward in video conferencing. Using the latest camera technology and facial recognition, it continually scans the room and commands the EagleEye Camera (sold separately) to frame people with subtle pan, tilt and zoom technology. By automatically directing the field of view, it gives distant participants a natural perspective while letting everyone concentrate on the conversation.





Snom's conference telephone provides a reliable solution that demonstrates 15 years of investment in telephone engineering. This phone is a powerful business tool that enhances collaboration and teamwork by enabling multiple callers to listen and/or talk on the same call. Snom's proven voice quality and powerful software enable high audio quality in a hands free situation. Extension microphones give potential to further extend call coverage in the room. In today's business environment, it is important for users to collaborate. Snom's audio conferencing is an easy-to-implement solution that saves time and boosts productivity.

**C620 SIP Wireless Conference Phone**

Free your customers from conference room wires, and help their teams collaborate better. The Snom C620 wireless conference phone uses DECT 6.0 technology for a completely wireless conference experience. The system includes a SIP DECT base and docking station to charge the phone with up to 24 hours of talk time (or 12 hours for wideband audio). And just place the two wireless mics in the phone's built-in charging bays to get them ready for the next call. The C620 allows total freedom for placement in your customer's conference room—without tripping over wires. With wireless mics, your customers will experience less frustration and more successful conversations. Easily add up to two accessory C52-SP DECT expansion speakerphones to handle more active participants. Now, your customers and their teams can clearly hear, spread out and speak without shouting over the table.



**C520 - Conference Phone**

The Snom C520 is a modern and costeffective conferencing solution for enterprises of any scale. Thanks to advanced DECT and Bluetooth technology, the C520 is the perfect device for team conferencing and offers three cutting-edge microphones. The first of these is built into the highperformance full-duplex speaker in the main base station with two further wireless DECT microphones that can be freely placed or carried in the room as required. The C520 microphones use dynamic noise reduction and adaptive feedback control to provide crystal clear HD audio transmission, even in crowded or spacious rooms. The microphones synchronize with the base station in real-time according to their location. This technology allows the user freedom of movement without even having to raise their voice - regardless of meeting room size.



**C52 - SP**

The Snom C520 - WiMi combined with the Snom C52-SP is the perfect solution for people who regularly hold teleconferences in large rooms or with large numbers of people. Up to three C52-SP units can be paired wirelessly with the Snom C520 - WiMi with ease, then serving as fully hands-free modules thanks to the two integrated microphones and powerful speaker. The C52-SP can be moved around anywhere in the room at a distance of up to 50 metres enabled by wireless DECT connection and battery operation. Thanks to the fully automated voice synchronisation of all microphones, all attendees can be clearly understood in optimal HD-Voice quality. The C52-SP speaker also features a very powerful battery for up to 12 hours talk time. The C52-SP can also be wirelessly connected to any Snom desk phone featuring a USB port when connected with the A230 DECT USB stick.



**PA1 Public Announcement Adapter**

Snom has developed a SIP bridge (PA1) enabling businesses to extend their existing public announcement speaker system while upgrading from digital/POTs systems into SIP-based voice communication solutions. The PA1 can be used in both small and large applications due to the inclusion of a 4-watt amplifier for single speaker projects. A microphone input is provided for two-way communication. Larger projects can utilize multiple speakers driven by external high wattage amplifier(s). The PA1 serves as an auto SIP answering preamp that drives the multi-speaker setup. Use of Snom's proven SIP stack enables wide compatibility with all SIP platforms.



Vidyo delivers video conferencing solutions to improve the way people communicate and collaborate in all walks of life. We deliver practical and engaging solutions to enterprises, health care providers, educational institutions, government agencies, financial services firms, and technology companies in every corner of the world. The applications and real-world benefits of VidyoConferencing™ are boundless.

**Software Economics**

Conventional video systems lock you into custom hardware, specialized chips, and a heavy-duty infrastructure just to support multiple participants in a conference. Vidyo solutions are different. Because the Vidyo architecture sidesteps computeintensive bottlenecks like transcoding, components like VidyoRouter™ run as software on mainstream server and virtual platforms. Powered by Intel CPUs, VidyoRoom™ and VidyoPanorama™ systems deliver greater performance and value with every generation. As for personal conferencing, Vidyo apps and plugins run on the computers and mobile devices you already own. Because Vidyo solutions leverage the power of mass-market platforms, Ultra HD conferencing is as affordable as a voice-only call.

**Quality Collaboration**

With Vidyo, native Ultra HD and multipoint capability combine high resolution and fidelity with incredibly low latency, even over the public internet and wireless networks. With click-to-connect simplicity, guests can participate from their computer or mobile device, or from any vendor's conference room system. Enhance collaboration with multi-party content sharing, a Vidyo-exclusive feature where multiple participants can share and edit content into the conference at the same time. And thanks to loss-less cascading — where multiple VidyoRouter components act as one — quality is consistent even in large conferences spanning multiple geographies.

**Reliable Performance**

Any network link — particularly Internet and wireless connections —can suffer from congestion and packet loss. When bad stuff happens, only Vidyo solutions gracefully conceal errors when necessary, and restore quality when conditions improve. With solutions from other vendors, quality degrades until the call finally drops. Thanks to dynamic adaption, Vidyo sustains high quality conferences over links with variable bandwidth and up to 20% packet loss. No other solution even comes close.

**Global Scalability**

Only Vidyo delivers 100+ concurrent HD connections per virtual appliance or unit of rack space. How is this possible? Rather than transcode at a centralized bottleneck (i.e., the MCU), the VidyoRouter directs an optimized video stream to each conference participant. This remarkably effective and efficient architecture, patented by Vidyo, conserves bandwidth and ensures an optimal experience for everyone. Need even more capacity? Just add physical or virtual VidyoRouters anywhere in the network.

**Investment Protection**

Say goodbye to forklift upgrades. While legacy systems lock you into old standards and equipment, all Vidyo components are software-upgradable to deliver new features, support new standards and provide enhanced performance. To extend the life of legacy systems, H.323 and SIP connections are delivered by the VidyoGateway™ and through the free VidyoWay® winterconnectivity service.

# Yealink

## Video Conferencing Solutions for Microsoft\*

Microsoft Teams

Microsoft Office 365

Skype for Business

### MVC800 | Large meeting room | 12-20+ people

12x optical camera delivers sharp, smooth and stable video at a significant distance. Wide-angle horizontal field-of-view lens and adjustable camera angle provides a broad view of large conference rooms.



### MVC500 | Medium meeting room | 6 - 12 people

5x optical camera delivers sharp, smooth and stable video with a deep focus field. 83-degree wide-angle horizontal field-of-view lens and adjustable camera angle provide a broad view of medium conference rooms.



### MVC300 | Focus / small room | 7 people

Yealink MVC Series is the brand-new video conferencing system released by Yealink that revolutionizes the Microsoft Teams Rooms meeting experience. Perfectly integrated with Microsoft Teams Rooms and Yealink cutting-edge audio & video solutions, the Yealink MVC Series is deemed to cover all the usage scenarios and provide you with the excellent meeting experience in the conference room.



### VP59 | Personal desk, open work space

Plug-and-Play full HD phone camera can be extended 10 feet by a USB cable and added on top of a monitor with a bracket to bring flexibility in the choice of camera location and video meeting view.



### VC800

Yealink helps cut long-distance communication costs and meets the multipoint conference needs of the modern workplace. The Yealink VC800 room system is ideal for medium to large meeting room environments. It features an all-in-one design and first-class video and audio technology that creates an easier and more effective collaboration experience. As the newest generation of Yealink VC series video conferencing systems, the VC800 adopts an intuitive user interface that makes meeting control simpler. Featuring H.265/HEVC, Opus and HD voice backed by Harman co-engineered speaker, the Yealink VC800 facilitates more immersive audio-visual collaboration. By leveraging Yealink Meeting Server(YMS), the VC800 seamlessly supports Meeting Scheduling and One-touch Meeting Access.



### VC500

Designed for small-to-medium meeting rooms, the VC500 is equipped with the 5x optical zoom PTZ camera and supports 1080/60FPS video calls, making meetings as lifelike and interactive as possible. It possesses an all-in-one design and first-class video and audio technology, which creates an easier and more effective collaboration experience. As the newest generation of Yealink VC series video conferencing endpoints, the VC500 adopts an intuitive user interface that makes meeting control simpler. Featuring H.265/HEVC, Opus and HD voice backed by Harman speaker, this new release facilitates more immersive audiovisual collaboration. By leveraging Yealink Meeting Server (YMS), the VC500 seamlessly supports Meeting Scheduling and One-touch Meeting Access.



### VC200

Based on the Android 7.1 operating system, the Yealink VC200 is an entry-level smart video conferencing endpoint designed for small and huddle rooms. Its Ultra HD 4K camera and 103° super-wide angle lens deliver outstanding video quality and enable face-to-face collaboration. With 6 beamforming microphone arrays for direct voice pickup and Yealink Noise Proof Technology, the VC200 brings excellent sound to small rooms and ensures that everyone can be heard and seen. For its compact six-in-one design, the VC200 integrates a built-in camera, codec, microphone, Bluetooth, Wi-Fi and bracket, which provide a turnkey solution that can easily and consistently be deployed with only two cables. The Yealink VC200 is an ideal communications choice to help ensure teams can concentrate fully on effective collaboration.



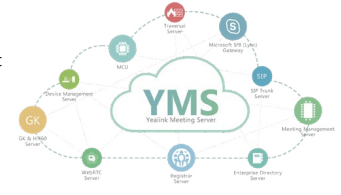
## VC Desktop/Mobile

- Supports Windows/Mac/iOS/Android operation system
- Supports PC/Tablet/Smartphone devices
- FHD(1080P) video and HD content sharing
- H.323/SIP, H.264 High Profile video codec
- Excellent audio & video packet loss recovery technology, resists up to 30%
- Supports Yealink Cloud Video Conferencing and Yealink Meeting Server (YMS)



## Yealink Meeting Server (YMS)

The increasing importance of video conferencing in modern communication means that a quality meeting management system is more important than ever. The Yealink Meeting Server is a distributed cloud-based video conferencing infrastructure tailored for HD video conferencing collaboration in the modern workplace. Combining an MCU, registrar server, traversal server, directory server, and meeting and device management server, this all-in-one device provides users with an enjoyable meeting experience while cutting costs and improving efficiency. Seamlessly working with multiple devices such as room systems, video phones, mobile apps and PC software, the Yealink Meeting Server brings people together at any time from any location just with the touch of a button.



## VC880 Video Conferencing System

- Powerful multi-camera solution, supports up to 9 cameras
- H.323/SIP dual protocols, resist up to 30% packet loss
- 2x HDMI-out, with video/audio/ electric output three-in-one
- 1x HDMI-in for third-party camera
- 2x RCA audio input and 2x RCA audio output
- Supports VCH50/WPP20 for wired/wireless content sharing



## VP59

The Yealink flagship smart video phone VP59 is designed for executives and teleworkers that strive for the perfect balance between simplicity and sophistication, enabling high quality communications for business executives and professionals alike.

### Features include:

- 8 inch (1280 x 800) capacitive adjustable touch screen
- 1080p@30 full HD video
- Runs Android 7.1
- Built-in Bluetooth 4.2
- Built-in dual band 2.4G/5G Wi-Fi (802.11a/b/g/n/ac)
- USB 2.0 port for USB headset, media and storage applications
- Standard HDMI output for monitor connection
- Up to 16 VoIP accounts
- Up to 3-party video conferencing
- Up to 5-party video/audio mixed conferencing
- PoE support



## Zoom Rooms

In partnership with Zoom, the Yealink video solution CP960-UVC Zoom Rooms Kits come fully integrated with Zoom Rooms and include pre-installed Zoom Rooms software. Certified by Zoom, Yealink offers two Zoom Rooms kits to fit different meeting scenarios needs, including the CP960-UVC50 for small and medium rooms and the CP960-UVC80 for medium and large rooms. Both solutions deliver premium audio and video quality thanks to the combination of the Yealink CP960 Conference Phone and Yealink's UVC series of optical PTZ cameras, which work in tandem to provide users a native Zoom Rooms experience.







Experiences That Matter

### J100 Series IP Phones

Avaya is adding new designs for its industry-leading desktop phones with the J100-Series IP Phones, for a state-of-the-art user experience. These desktop devices are modern, connected, and personalized. Avaya's Essential Experience Portfolio will enable transforming the professional desktop experience by enabling customers to modernize their desktops and add new capabilities such as Bluetooth and Wi-Fi connectivity.



### AVAYA Vantage™

Avaya Vantage is the all-new dedicated desktop device that provides simple, instant, seamless & natural engagement. Users can fire up voice, chat, collaboration instantly through one touch connections with no unnatural breaks or pauses – eliminating the need to manage multiple devices in order to engage. Put your applications on this eye-catching, friendly device. It is perfect for use on desktops, in hotel rooms, healthcare facilities, kiosks – wherever users need to run their applications. Open integration and extensibility with the Avaya Breeze™ Client SDK means it's easy to personalize Vantage for your industry, business, and users.



### B100 Series Conference Telephones

The Avaya B100 Series Conference Phones offer sophisticated and easy to use communication solutions for small to large companies. Providing superior voice quality with the award winning Omnisound® audio technology, the B100 Series Conference Phones cost effectively offer a variety of low bandwidth, plug-and-play deployment options, that address the unique needs of diverse users within your organization with a broad choice of models.



### 3700 Series IP DECT Solutions

In noisy, dusty production environments—factories, chemical plants, mills, etc.—in-building wireless communications can be a convenience, a boost to productivity and, in dire situations, a life-saver. Digital Enhanced Cordless Telephony (DECT) is an ideal wireless solution for these environments because it supports a secure, dedicated, voice-only network in an assigned frequency band. This eliminates or minimizes interference from RFID devices or scanners. DECT also requires a shortened planning cycle when compared with Wi-Fi and is consequently more easily scalable.



### 1400 Series Digital Telephones

For businesses seeking an easy, cost-effective solution for digital networks, Avaya presents the 1400 Series Digital Deskphones. With features and capabilities of the Avaya digital/DCP network, these phones offer an attractive upgrade from older systems or an addition to your existing Avaya phone solution portfolio. The 1400 Series Digital Deskphones combine traditional telephone features such as dual LED indicators and fixed feature buttons (e.g., conference, transfer, hold) with contemporary innovations such as softkeys, navigation wheel and a context-sensitive user interface. These stylish phones are a smart addition to any retail store, branch or corporate office.



### 9500 Series Digital Telephones

The Avaya 9500 Series Digital Deskphones allow small and medium sized businesses to deliver highly reliable, high quality, communication solutions for a range of user types within the organization. With an appearance and functionality similar to that of the well-established Avaya 9600 Series IP Deskphones, the 9500 Series can be deployed in mixed digital/IP telephony environments and are an ideal choice for companies wanting to add digital endpoints with a consistent look and user experience to their existing portfolio. The 9500 Series' smart design, crystal-clear sound and productivity features make these phones an easy choice for companies looking to gain strategic competitive advantage from their communications infrastructure.



### Avaya IX™ Hospitality Phones

Avaya IX™ Hospitality IP Devices combine traditional telephone features such as fixed feature buttons (call hold, redial, call transfer, hotline, voicemail etc.) with contemporary innovations such as soft keys, and a context sensitive user interface (in select models).



DESK PHONE  
DESIGNS  
PHONE EXPRESSIONS

Real innovation doesn't just come from technology; it comes from places like art and design. Previously, the office phone set was not considered an art form until Desk Phone Designs made it something desirable, in a professional environment. Like fine furniture and artwork, telephones can add beauty and distinction to any office decor. When your customers combine technology with style, they come up with a phone that can showcase their company's individuality.

### Desk Phone Designs Telephone Accessories

Desk Phone Designs snap on phone covers allow your customer's business to express their individuality, style, their message and their purpose, with Phone Expressions made for them. Desk Phone Designs' surface decoration technology offers the latest and most popular patterns and natural designs.



Mitel has been a leader in the communication business for over 40 years and introduced SIP telephones to the market nearly a decade ago. Over this period, Mitel has evolved its line of SIP telephones to fully address the needs of the complex open standards market. Mitel and Aastra merged in 2014, allowing for continued innovation with the new 6800 SIP Phone Series, the latest offering of powerful and modern SIP phones interoperable with all major IP telephony platforms. Explore Mitel's bestselling line of business-grade SIP and Analog phones.

### Mitel 6800 Series SIP Telephones

The Mitel 6800 series is a family of powerful and modern SIP Phones offering advanced interoperability with major IP telephony platforms. All phones in the 6800 series have a sleek and modern industrial design, remarkable HD wideband audio, an enhanced speakerphone, and superior audio processing to achieve richer and clearer hands-free conversations.



### Expansion Modules

Mitel offers a choice of two Expansion Modules, enabling the Mitel 6800 series SIP phones to become robust productivity-enhancing desktop communication tools. Powered directly from the phone, up to three modules can be daisy-chained together to provide additional programmable keys supporting advanced features such as SCA, BLF, and speed dial.



### SIP-DECT™ Mobility Solutions

With SIP-DECT™, Mitel has combined the mature and secure DECT technology with SIP innovation. Mitel SIP-DECT is a mobility solution that uses base station radio fixed parts (RFPs) to provide a seamless radio network for voice and/or data campus mobility. There are no range restrictions and the size of the radio network can grow with your IP infrastructure.



### 6970 Conference Phone

This easy-to-use conference phone boasts 16 built-in microphones and superior audio quality plus the ability to seamlessly share ideas and files with in-room presentation display capabilities.



### Enhanced Warranty Program

The Mitel Enhanced Warranty Program is an excellent way to broaden and lengthen the relationship with your customers.

The Enhanced Warranty Program provides two key benefits:

- Advanced product replacement
- Extension of Mitel's Factory Warranty to 3 or 5 years. All enhanced Warranties must be sold at the time of original phone purchase.

## Teledex M Series

More than just a telephone, M Series establishes a new definition for hotel guest room telephony. M Series Bluetooth telephones are available as analog corded phones, in both single and two-line configurations. Features include speakerphone, Bluetooth pairing, stereo-quality speakers, USB charging ports, highspeed RJ45 access port, patented OneTouch message retrieval, and full-length customizable faceplates. Teledex M Series hotel phones are also available in analog, VoIP, corded and cordless configurations with USB charging ports on both the phone and RediDock remote handset kit that support guest smart device charging. Choose 0, 5 or 10 configurable guest service keys, and 0, 3, or 6 guest service keys on the remote handset kits. Available in Black.



## Teledex E Series

Originally styled to meet the limited space and energy requirements aboard cruise ship cabins, E Series hotel phones are amazingly big on features, yet surprisingly small in size. Interior designers appreciate the sophisticated extra thin, ultra-stylish body while guests enjoy the familiar, comfortable feel of a sleek, modern handset.  
\*Available with USB charging ports!



## Teledex I Series

This is the original small footprint telephone built specifically for the hospitality guest room. Designed to embrace the sleek style of the modern hotel guest room, I Series hotel phones provides a familiar ergonomic user interface for your guests in your choice of single and two-line, analog and VoIP, corded and cordless configurations with 0, 3, 5, or 10 programmable guest service keys.



## Teledex Opal Series

Opal Series offers a recognizable international design that compliments modern guest room décor. Available in single and two-line, analog, corded and cordless configurations, with optional speakerphone, and 0, 3, 5, or 10 programmable guest service keys. Opal DCT Series cordless sets support up to 3 additional AC-powered RediDock handset charging stations giving your guests the ability to charge their handset from multiple places within the room.



## Teledex D Series

How do you improve upon Diamond Series, the most popular hotel phone in the world for 33 years running? We began the development of D Series with a fresh new contemporary design, robust ergonomic open handset, and guest smart device USB charging ports, but maintained the same Diamond faceplate area ... so Diamond Series owners may easily upgrade with existing faceplates, or receive free faceplates with your 50+ phone order (Continental U.S. only).



## Teledex Nugget Series

No frills. No extras. Just a quality hotel phone that fits any budget and will leave extra room on your nightstand. Teledex Nugget Series hotel phones combine classic design, easy-to-use functionality, and rugged durability into a small footprint that makes a large impact.



## Teledex Diamond Series

This is the phone that started it all. In fact, more hotels use Teledex Diamond Series hotel phones than all other guest room telephones combined. With over 5 million in service worldwide, this corded analog phone is available in single or two-line models, with up to 10 programmable guest service keys, patented OneTouch voice mail retrieval technology, and an optional speakerphone.



## TeleMatrix 9600/3300 Series

9600 Series phones are still the most popular cordless hotel phones in the world. 9600 Series has a proven record of rugged dependability, complemented by a rich feature set. Available in single and two-line analog or VoIP cordless configurations together with 3300 Series single and two-line analog and VoIP corded telephones with 7 optional standard handset accent colors, and matching 3300TRM or 3300IP-TRM trimline sets.



## TeleMatrix 3100 Series

Curved by design, TeleMatrix 3100 Series hotel phones match the sweeping contours of modern guest room smart devices and fixtures. Choose single or two-line analog desk and lobby models with optional speakerphone, patented OneTouch message retrieval, and options for 5 or 10 programmable guest service keys.



## H3000 Series

H3000 Series single-line analog telephones feature 6 customizable big-button speed dial keys to help ensure family contact for hospital, nursing home, assisted living, or long-term care patients desiring to dial for services or communicate with family and friends. Simply lift the plastic speed dial tab to insert family photos or icons to facilitate one-touch dialing. Available in White or Black. Cetis - World's largest manufacturer of hotel guest room telephones!



## TeleMatrix 9700/3500 Series

When you combine Telematrix's legendary performance with the style of our new 3500|9700 series hotel telephones, you get an elegant functionality that will fit into any of your hotel décors. The 3500|9700 series telephones are a perfect fit! To further match your hotel's décor, choose from any of 5 standard or custom color inserts. Functionality includes our patented OneTouch voice mail technology for hands-free auto-dialing and retrieval.



**Cetis - World's largest manufacturer of hotel guest room telephones!**



Poly is the global communications company that powers authentic human connection and collaboration. Face to face, they sift and sort millions of verbal and non-verbal cues to glean meaning. Poly is finding new ways to inject these cues into audio and video communication to replicate the face to face experience. To build intimacy. To break walls and span distance. To nurture the simplicity and beauty of human connection.

**VVX® 101**

The Poly VVX® 101 is a simple, yet reliable, one-line SIP phone, with a 10/100 Ethernet port, that delivers enterprise grade sound quality. The VVX 101 phone is a stylish, cost effective telephony solution, ideal for a home office or shared/common areas, such as lobbies, hallways and break rooms or anywhere needing simple and reliable connectivity.



**VVX® 201**

The Poly VVX® 201 is a simple, yet reliable, two-line IP phone, with two 10/100 Ethernet ports, that delivers enterprise grade sound quality. The Poly VVX 201 phone is a stylish, cost effective telephony solution, ideal for retail environments, call centers or shared/common areas, such as lobbies, hallways and break rooms or anywhere needing simple and reliable connectivity.



**VVX® D230**

Your team is on the move and needs a handset that keeps up. Poly's VVX D230 DECT™ IP phone works as hard as any desk phone. Business features include: do not disturb, intercom, local three-way audio conferencing, and a high-resolution color display—just to name a few. Everyone on the call will have clear, interruption-free conversations with acoustic echo cancellation and background noise suppression. Don't bother adding IT on speed dial. Get reliability, performance, and less hassle with this wireless IP phone.



**VVX® 301 and 311**

The Poly VVX® 301 and 311 Business Media Phones are expandable business media phones that deliver crystal clear communications, enhanced collaboration and personal productivity. The VVX 301 and 311 Business Media Phones bring high-quality, cost-effective solutions to any environment through advanced unified communications (UC) features. The intuitive user interface of the VVX 301 and 311 Business Media Phones make usability and navigation easy and require minimal training.



**VVX® 401 and 411**

The Poly VVX® 401 and 411 Business Media Phones are expandable color business media phones that deliver crystal clear communications, enhanced collaboration and personal productivity. The VVX 401 and 411 Business Media Phones bring high-quality, cost-effective solutions to front-line staff handling a moderate volume of calls through advanced unified communications (UC) telephony features. The intuitive color user interface of the VVX 401 and 411 Business Media Phones make navigation easy and require minimal training.



**VVX® 501**

The Poly VVX® 501 performance business media phones unify superior voice capabilities and applications into a simple-to-use, yet high-performance unified communications (UC) solution. It is the ideal, all-in-one knowledge worker productivity tool, built to integrate seamlessly into a wide range of UC environments. The Poly VVX 501 Business Media Phone is built for today's busy managers and knowledge workers who need a powerful, expandable office phone that keeps up with their multi-tasking and schedule-juggling. Building on the behavior common to mobile phones, the multi-touch, gesturebased user interface of the Poly VVX 501 makes navigation intuitive and easy.



**VVX® 601**

The Poly VVX® 601 is a premium business media phone designed to enhance collaboration and personal productivity. The Poly VVX 601 is built for executives and managers who need a powerful, yet intuitive, expandable office phone that helps them stay connected to lead your organization. Founded on the behavior common to smartphones and tablets, the intuitive gesture-based, multitouch user interface of the Poly VVX 601 makes navigation easy and requires minimal training. With its combined ergonomic design, Poly HD Voice™ quality and a large, high-resolution color, multitouch screen, the Poly VVX 601 business media phone is ideal.



**VVX® 150**

The Poly VVX® 150 business IP desk phone is a high quality, two-line, IP phone that delivers reliable performance and an enterprise grade sound quality. It is ideal for home offices or shared/common areas, such as lobbies, hallways and break rooms or for any location that needs simple and reliable voice connectivity.



**VVX® 250**

The Poly VVX® 250 business IP desk phone is a high quality, four-line, IP phone that delivers reliable performance and an enterprise grade sound quality. It is ideal for knowledge workers, cubicle workers who need the high-quality features that today's modern business environment demands.



**VVX® 350**

The Poly VVX® 350 business IP desk phone is a high quality, six-line, color, mid-range, IP phone designed for small to medium size businesses. It is ideal for knowledge workers, and call center operators who need to handle moderate/high volume of calls and whose work demand reliable connectivity.



**VVX® 450**

The Poly VVX® 450 business IP desk phone is a high quality, twelve-line, color, performance IP phone for businesses of all sizes. It is ideal for knowledge workers, executives and upper management.







Spectralink creates purpose-built devices that transform workplace mobility. Our wireless communication solutions empower mobile workers to roam freely throughout the workplace without sacrificing voice quality or data coverage, and our devices integrate seamlessly with customer's existing systems meaning more uptime and better customer service.

### Versity 95,96 Wi-Fi Enterprise-grade

#### Smartphones

Designed for the way your customers work, Versity 95/96 allows customers to collaborate, access applications, and streamline their operations. Providing customers with the power, performance, and functionality of an enterprise-grade device with the sleek, look and feel of a consumer device.



### NEW! Versity 92 Series Wi-Fi Enterprise-grade Smartphone

A mid-tier enterprise-grade smartphone solution designed with industry-optimized capabilities including built-in Push-to-Talk, optional scanner, and SAFE™ functionality adding instant security for suspicious activity or lone workers at the push of a button. Versity 92 Series is a compact durable, and cost-effective solution perfect for mobile workers with a need for voice critical communication with straightforward task management and simple data entry workflow applications.



### 84 Series Wi-Fi Feature Phone

The 84 Series delivers enterprise-grade voice quality and dependable user experience in even the toughest environments. It is exceptionally reliable and extra-durable, with simple-to-use buttons and interfaces. Designed with the requirements of mobile workers in the healthcare, retail, and manufacturing industries in mind, the 84 Series unites the most critical elements of workplace communications within a single mobile device.



### DECT Mobile Handsets

The wide range of Spectralink 7000 Series DECT (Digital Enhanced Cordless Telecommunications)

Handsets are feature rich, reliable, and durable for use in environments from general office applications to intrinsically safe environments. Offering the highest quality voice connections, backlight displays, panic button, two-way text messaging, and integration with third-party applications, the 7000 Series handsets maximize performance in environments like manufacturing and healthcare. The handsets are interoperable allowing for deployments with a mix of handset models.



### DECT Servers

Transform your customer's workplace mobility with Spectralink DECT solutions. Operating at 1.8/1.9 GHz, Spectralink's modular portfolio and integrated business applications dramatically improve the responsiveness and productivity of mobile workers in industries such as Manufacturing, Industry, Retail, Hospitality, Elderly Care and Healthcare. All DECT solutions deliver exceptional voice quality while minimizing noise, echo, delay, or interruptions and are certified to the highest level of security on the market.



### AMIE — Advanced Mobile Intelligence for Enterprises

In today's mobile world, it's hard to keep things simple and moving. More devices, more users, more applications. How do your customers manage it all? AMIE Essentials empowers your customer's team to take charge of their Spectralink smart devices with fast deployment, centralized device administration and application control. AMIE keeps your customer's Spectralink smart device fleet and DECT infrastructure running smoothly with easy deployment and centralized device administration, analytics for proactively diagnosing issues, and managed services to increase efficiency and keep your customers focused on their core business.



Snom Technology, a German pioneer in VoIP development, delivers an innovative and diverse product portfolio in the business market. Compatible with hosted and open-source PBX platforms, business phones scale from small operations to enterprise-level corporations. The brand's award-winning SIP desksets, innovative mobility solutions and supporting telecommunication peripherals elevate the customer experience through advanced engineering and state-of-the-art technology. Snom® sells their products through a wide network of trusted partners, and offers complimentary U.S.-based support. Industry-leading warranties with advanced parts replacement translate to peace of mind and less customer downtime.

### IP Phones

#### D7XX Series - Quality, Robustness, Advanced Features and World Appeal

The professional D7XX Series telephones are both aesthetically appealing and highly practical, meeting business requirements when the telephone is a key tool in daily work. These high performance devices are future proofed and provide the best in Wideband HD audio, ensuring crystal clear sound quality. They are Bluetooth compatible to meet the connectivity requirements of today's offices.



### Workplace Mobility

The Snom family of DECT products ensures that business users don't sacrifice functionality and quality with increased mobility. DECT product users can move from their desks without losing the ability to manage incoming inquiries.



### Broadcasting

#### Public Address System - Snom PA1: A fine-tuned business solution

Snom has developed a SIP bridge (PA1) enabling businesses to extend their existing public announcement speaker system while upgrading from digital/POTS systems into SIP-based voice communication solutions. The PA1 can be used in both small and large applications due to the inclusion of a 4-watt amplifier for single speaker projects. A microphone input is provided for two-way communication. Larger projects can utilize multiple speakers driven by external high wattage amplifier(s). The PA1 serves as an auto SIP answering preamp that drives the multi-speaker setup.



### Headsets

Snom headsets are tested specifically for use with the Snom telephones, and they are designed for good wearing comfort. The microphone is noise-cancelling so there is no compromise on voice quality.



### C620 SIP Wireless Conference

Free yourself from conference room wires, and help your team collaborate better. The Snom C620 wireless conference phone uses DECT 6.0 technology for a completely wireless conference experience. The system includes a SIP DECT base and docking station to charge the phone with up to 24 hours of talk time (or 12 hours for wideband audio). And just place the two wireless mics in the phone's built-in charging bays to get them ready for the next call. The C620 allows total freedom for placement in your conference room—without tripping over wires. With wireless mics, you'll experience less frustration and more successful conversations.



### M100 KLE SIP DECT 4-Line Base Station

The M100 KLE SIP DECT 4-Line Base Station supports up to 10 phones in the Snom KLE DECT 4-Line Series, including the M10 and M10R SIP DECT 4-Line handsets and the M18 KLE SIP DECT 4-Line deskset. This cordless family of phones features four programmable LED backlit line keys on the handsets and desksets. With key system emulation, the M100 KLE Series handles shared line appearances locally without the need for SCA (shared called appearances) support from your provider. This allows an easy and intuitive method for your customers to see incoming calls, hold calls, and resume calls from any handset or deskset with a simple press of a button.



Snom® is a registered trademark owned by Snom Technology GmbH.

# Yealink

Yealink is a global brand that specializes in video conferencing, voice communications and collaboration solutions with best-in-class quality, innovative technology and user-friendly experience. As one of the best providers in more than 140 countries and regions, Yealink ranks No.1 in the global market share of SIP phone shipments (Global IP Desktop Phone Growth Excellence Leadership Award Report, Frost & Sullivan, 2018).

## IP Phone Family

Yealink offers a wide range of desk IP phones covering all business environments, meeting the communication needs of businesses of any size and budget. In 2019, Yealink released the new T5 Prime Business Phone Series, the most advanced IP desktop phone portfolio in the industry, which is an all-in-one solution for businesses of all sizes. The Yealink T4S series, the upgraded IP phone line of the T4 series, maintains the elegant appearance of the T4 series while offering an improved user experience and simpler management with multiple upgrades. The Yealink T2 series IP phone has redefined the foundational gigabit IP phone so that SME users with a limited budget can enjoy its fast speed, plus the convenience of Gigabit Ethernet. The Yealink DECT IP Multi-Cell System W80B provides a seamless handover and roaming solution, stable communication experience and simple deployment service covering multiple scenarios. The Yealink W60P, consisting of the W60B and W56H, is a high-performance SIP cordless phone system that's ideal for small and medium-sized businesses.

## NEW T5 Series

Being responsive to changes and demands in the marketplace, Yealink has designed and developed its new **T5 Prime Business Phone Series**, the most advanced IP desktop phone portfolio in the industry. Leading the way in new personalized collaboration, the Yealink T5 Business Phone Series provides the best possible personalized collaboration experience for businesses of all sizes.



## T4S Series

The **T4S Ultra-Elegant Business IP Phone Series** is an enterprise-grade solution that provides different level endpoints for the most common use settings in the company. Features include:

- Optima HD audio • Remarkable user experience, with rich one-touch soft keys
- Effortless configuration and upgrade through a unified firmware and an auto-p template



## NEW! T3 Series

Yealink's **new T3 Series** is a classic and cost-effective entry-level business IP phone for daily desktop voice communications. Featuring superior HD audio performance, 5-way local conference function, EHS wireless headset supporting, and proven integration of Yealink Device Management Platform, T3 series maximizes productivity and enhances collaboration for businesses of various scales.



## Skype for Business and Microsoft Teams

Yealink delivers a complete range of HD IP Phones for Skype for Business and Microsoft Teams, scaling from office and executive use to huddle and large conference rooms. At the time of the Microsoft UC journey from Skype for Business and Microsoft Office 365 to Microsoft Teams, Yealink offers a flexible and diverse product portfolio that simplifies the device transition during this migration. The T56A, T58A, CP960 can be upgraded from Skype for Business to Microsoft Teams.



Microsoft Teams   Microsoft Office 365   Skype for Business

## DECT Solutions

### W80B

The Yealink W80B, a DECT IP multi-cell base station, is designed to provide the organizations who require wireless coverage with the full ease of deployment. Combined with DECT base station and DECT manager, this Yealink DECT multi-cell system intends to create an extremely scalable and reliable solution for the organizations of any size and any shape.



### W60P

The Yealink W60P, consisting of the W60B and W56H, is a high-performance SIP cordless phone system that's ideal for small and medium-sized businesses.



### W53P

The **Yealink W53P** is a reliable high-performance SIP cordless phone system ideal for moderate to active on-the-move communications needs. The system can pair up to 8 Yealink W53H DECT handsets, eliminating additional wiring issues and charges.



### W41P DECT Desk Phone

The Yealink DECT desk phone W41P package includes the **T41S**, W60B and DECT dongle DD10K, offering a user-friendly interface, exceptional HD voice quality and easy deployment that reduces IT department workloads.



## Conference Phones

### CP960 Conference Phone and Wireless Mics

The Yealink CP960 is an enterprise-grade conference phone for mid-and-large-sized meeting rooms. With the outstanding speakerphone elements, the CP960 sets new standards for sound quality and immerses conference participants in every discussion. Marrying a wide range and dead-zone-free voice pickup with Yealink's Noise Proof technology, the CP960 is the perfect match for day-to-day business conference conversations.



### CP930W DECT Conference Phone

The Yealink Wireless DECT Conference Phone CP930W, based on the reliable and secure DECT technology, is designed for wireless communication environments such as small-to-medium meeting rooms and huddle rooms. The CP930W not only ensures up to 24 call hours, but also delivers premium audio quality with the Yealink Noise Proof technology. In addition, the wireless design entirely frees users from the network and power outlets and keeps their conference room clean and organized.



### CP920 Conference Phone

The Yealink CP920 is a Touch-sensitive HD IP Conference Phone CP920 that simplifies communication for businesses with small to medium-sized conference rooms with features such as echo cancellation, 3-way audio, and a full duplex speakerphone.



### CP900 Premium Level Portable Speakerphone

The Yealink CP900 is a portable speakerphone that is flexible and scalable and is great for meetings of up to 6 participants. The CP900 is ideal for on-the-go meetings, personal meetings, and scenarios where "huddle" meetings are a common thing. The CP900 can be used with Microsoft Teams and can be easily connected via the Yealink BT50 USB dongle or via Bluetooth.



### CP700 Medium Level Portable Speakerphone

Yealink CP700 is the portable, personal speakerphone that rewards your customers with a trouble-free plug and play connectivity, so that they can connect it to their PC, tablet and smartphone via Bluetooth wireless pairing and USB wired connection. To let your customers feel free to sit at any end of the table or walk around their office room, CP700 packs itself with Yealink HD voice quality.





Poly is the global communications company that powers authentic human connection and collaboration. Face to face, they sift and sort millions of verbal and non-verbal cues to glean meaning. Poly is finding new ways to inject these cues into audio and video communication to replicate the face to face experience. To build intimacy. To break walls and span distance. To nurture the simplicity and beauty of human connection.

### Poly Sync Family Speakerphones

The Poly Sync Family USB/Bluetooth® smart speakerphones enable everyone to hear and be heard with remarkable sound quality in personal and huddle workspaces plus small conference rooms. Voice calls flow naturally with multiple microphones that track the talker, not the noise.



### Elara 60

#### Mobile phone station that enhances smartphone collaboration

Empower your mobile-first employees to work the way they want. Poly Elara 60 Series turns each individual smartphone into a Microsoft Teams collaboration experience, with all the convenience and functionality of a desk phone. Employees can personalize their communication experience with a range of headset, speakerphone and handset options. Wired or multi-coil wireless charging ensures smartphones are always ready to go. Best of all, no service provisioning and no extra wires means deployment throughout the enterprise couldn't be easier, saving you time and money while enabling greater simplicity and freedom for all of your teams.



### Voyager 4200 Office and UC Series Bluetooth headset

Power up productivity for office workers with Voyager 4200 Office and UC Series Bluetooth® wireless headsets. Roaming range is generous, and vibrant sound is a given. Users can choose from two comfortable over-the-head styles. Mono lets them hear their surroundings. Stereo is ideal for listening to media and making every conversation sound like it's face-to-face. Your teams can count on superior Poly audio clarity—and comfort, thanks to soft ear cushions and an over-the-head headband. Plus, there's outstanding noise canceling and dual microphones to help block out nearby talkers. Users can connect to either their desk phone, computer or smart phone.



### Voyager 5200 Office and UC Series Bluetooth Headset System

Workers in and out of the office need a Bluetooth® headset that moves with them. Voyager 5200 Office and UC Series headset system sounds professional in any environment whether connected to a desk phone, PC or mobile. With six layers of WindSmart technology and four omni-directional microphones to reduce distracting background noise, nothing gets in the way of a clear connection—no matter what type of device they are using to communicate with in and out of the office. Sleek and pocket-sized, the headset is comfortable enough to wear all day. And workers don't have to worry about battery life due to convenient charging options. The Office and UC Series makes sure they're ready to talk whenever, wherever.



### Voyager 6200 UC

#### Business-ready Bluetooth neckband headset with earbuds

Voyager 6200 UC is a Bluetooth® neckband headset with earbuds made for the professional. Transitioning to your next conversation is easy: Connect with colleagues working remotely, listen to music to focus distraction-free or drop an earbud to tune in to the conversation around you. Voyager 6200 UC has the versatility to go beyond the office, for outstanding audio every time.



### Voyager 8200 UC Bluetooth Headset System

Wherever you work, noise can be distracting. So whether you're in an open office or on a crowded flight, taking calls or listening to music, the boomless Voyager 8200 UC Bluetooth® headset with active noise canceling allows focusing on what's important, in comfort and style.



### Voyager Focus UC Stereo Bluetooth headset

Make it their business to hear and be heard with the Poly Voyager Focus UC Stereo Bluetooth headset. Move fluidly between PC and smartphone and between work and entertainment with rich, immersive stereo and active noise canceling designed to keep their focus on work, not on the chaos around them.



### Savi 8200 Office and UC Series ONE HEADSET FOR ALL YOUR DEVICES

Today's enterprise and contact center professionals work across a range of devices – from PC to mobile to desk phone. The Savi 8200 Office and UC Series makes call management effortless with connectivity options that let you take calls and work the way you want.

Savi 8200 Office Series offers a multiple device three-in-one solution - enabling you to conference two of your three devices to collaborate with colleagues. Or connect up to four Savi 8200 Office headsets for training or call resolution. With the Savi 8200 UC Series connect to either a dedicated PC or desk phone solution.



### Encore Pro Series Noise-Cancelling Headsets

The EncorePro HW500 headset series balances all-day comfort, superior noise-canceling, and long-term reliability in three innovative designs.



### Blackwire® Series USB Corded Headsets

Blackwire 3200 and 5200 series headphones offer a wide range of options and features, but all deliver all-day comfort, ease of use, durability and economy. And of course, Poly quality and service are built into every headset. Features of each series vary and include smart-sensor technology, customizing settings, Bluetooth capability, intuitive in-line controls and digital signal processing.



### CS500™ Series

#### Lightest wireless headsets on the market

Poly bestselling wireless office headsets are setting a new wireless standard for desk phone communication. The system features the lightest headset on the market and the ability to conference in up to three additional headsets for easier collaboration. With the CS500 series outstanding audio quality comes with an adaptive power system optimized for range and talk time.





# EPOS

At EPOS, we empower businesses around the world to better communicate and collaborate - anytime, anywhere and on any device. We use the most advanced audio and collaboration technologies to create solutions that are powerful, reliable, and easy to use. Providing the perfect balance of excellent audio and comfort. Visit <https://www.eposaudio.com/en/us/enterprise>.

## Premium Wireless DECT Headsets

### IMPACT 5000 Series

- All your devices connect seamlessly through one single headset system.
- Super wideband sound for a voice experience beyond conventional business standards
- Advanced security protocols keep your conversations confidential.



## Wired Headsets

### ADAPT 100 Series

- Enjoy a natural listening experience with EPOS Voice™ technology
- Optimize speech clarity with noise-cancelling microphone to filter out ambient noise
- Experience great sound for calls and multimedia with EPOS stereo sound\* while working
- Protect your hearing from acoustic shock with EPOS ActiveGard® technology
- Enjoy flexible device connectivity with options of 3.5 mm jack\*\*, USB-A or USB-C



## Bluetooth® Headsets

### ADAPT Presence Series

ADAPT Presence Series are premium Bluetooth® headsets for mobile professionals requiring excellent sound and voice clarity around the office, in the car and outdoors. Featuring best-in-class Voice™ technology due to 3 digital microphone system, ADAPT Presence ensures speech intelligibility in challenging environments. Building on our legacy of sound leadership, sound enhancement features include SpeakFocus™, WindSafe™ and own-voice detection technologies to optimize communication in noisy environments - both indoors and out. The headset also provides high-quality audio for multimedia.



## Portable Speakerphones

### EXPAND Series

Whether collaborating in small, medium or large meeting rooms, huddle spaces or for portable use on-the-go, every model in the EXPAND Line is designed and crafted for clear conversation, ease-of-use and perfect connectivity with all your devices.



# logitech

## H570e Headset

- Padded, metal-reinforced headband and replaceable leatherette earpads
- Intuitive inline controls
- Digital signal processing (DSP)
- Logitech Sound Protection



## H650e Headset

- Dynamic equalizer
- Acoustic echo cancellation and noise-cancelling microphone
- In-call LED indicator light3
- Flexible microphone boom



## H820e Headset

- DECT spectrum wireless connectivity
- On-boom mute button and mute indicator LED light
- Intuitive on-ear call controls
- Up to 10 hours of wideband talk time



## ZONE Wireless Headsets

- Active noise cancellation
- Immersive sound
- Noise-canceling mic
- Lightweight silicone-padded headband
- Cushiony and replaceable leatherette ear pads
- Simultaneously connected to your computer and smartphone with USB-A dongle and Bluetooth
- Switch seamlessly between connected devices
- 30m (100') wireless range



## P710e SPEAKERPHONE

- Works with most any computer or mobile device
- Go cordless with up to 15 hours of talk time
- Integrated stand for smartphones and tablets



# snom

## A100M Headset

The Snom A100M is a wired monaural headset designed for maximum comfort and performance. Its lightweight and ergonomic design means it can be worn comfortably all day. The wideband technology ensures high-definition sound and crystal-clear communication. In addition the flexible boom and the passive noise cancelling microphone guarantee clear voice transmission. With the various Quick Release (QR) adapters available this headset is perfect for use in multiple scenarios.



## A100D Headset

The Snom A100D is a wired binaural headset designed for maximum comfort and performance. Its lightweight and ergonomic design means it can be worn comfortably all day. The wideband technology ensures high-definition sound and crystal-clear communication. The two speakers ensure perfect isolation in noisy environments. In addition the flexible boom and the passive noise cancelling microphone guarantee clear voice transmission. With the various Quick Release (QR) adapters available this headset is perfect for use in multiple scenarios.

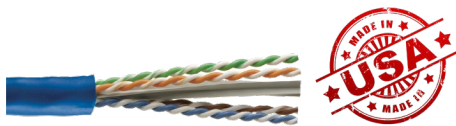


# HITACHI

## Inspire the Next

Since 1986, Hitachi Cable America has been designing and building high performance copper and fiber optic communication cables in Manchester, New Hampshire. HCA has cables to support 10 Gigabit Ethernet, like the new Supra 10G-XE™ that has one of the smallest Category 6A UTP outside diameters available on the market (.275"). HCA also has enhanced Category 5e cables, such as the new Power+™ cable that exceeds the latest high-power PoE standard, IEEE 802.3 bt (90 watts) and can safely support devices up to 140 watts. With over 4,000 different cable products to choose from, HCA is sure to have the cable that supports your specific needs. And, with HCA's available Lifetime warranty that covers not only the cable, but the passive connectivity as well, you can be confident that your network will operate at maximum efficiency.

- **Category 5e, 6, 6A, 7 and 7A copper communication cables**
- **Power Over Ethernet enhanced cables**
- **Fiber optic cables for indoor, outdoor and indoor/outdoor applications**
- **Armored fiber optic cables**



Since 1984, ICC has been manufacturing structured cabling systems for data, voice, audio, video and fiber optic connectivity. ICC products have been installed in commercial enterprises, educational institutions, residential homes, medical hospitals and government facilities across the nation. ICC's Elite Installers™ prefer ICC products for their ease-of-use, proven performance, and 40% savings over big name brands. Elite Installers can offer a 15 Year System Performance Warranty without certification. Certified Elite Installers™ can verify the site and offer a Lifetime Performance Warranty.

- |   |  |
|---|--|
| • <b>Modular Connectors</b>                 | • <b>Faceplates</b>                    |
| • <b>Premise Cable</b>                      | • <b>Patch Panels</b>                  |
| • <b>Racks &amp; Cable Management</b>       | • <b>Patch Cords</b>                   |
| • <b>Fiber Optic Systems</b>                | • <b>Raceway</b>                       |
| • <b>Residential Enclosures</b>             | • <b>Industrial Tools</b>              |
| • <b>Elite Installer Program</b>            | • <b>Technical Training</b>            |
| • <b>Certified Eliter Installer Program</b> | • <b>Lifetime Performance Warranty</b> |



As the manufacturer of exceptional support and protection products to mount integrated AV systems in residential, commercial, broadcast and security applications, Middle Atlantic Products are engineered to maximize system reliability and meet the needs of installers and user alike. From thermal considerations and built-in cable management on racks and enclosures, to pre-installed washers on rack screws, Middle Atlantic products are built in ways to save time and simplify the job.

- **Racks & Enclosures**
- **Consoles and Technical Furniture**
- **Cable Management**
- **Power/Lighting**
- **Thermal Management**
- **Rack Accessories**
- **Wiremold Products**

# SUTTLE

Suttle is a home technology company that specializes in high-speed connectivity solutions from the edge of the network into the well-connected smart home or small business.

Our enclosures, network components, and bundled contractor kits are designed to make installations fast and easy, use the latest technology and work within the existing infrastructure to create a securely wired foundation for future growth.



# OBERON

A division of Chatsworth Products

Oberon's wireless access point mounting solutions and enclosures are used where wireless coverage, infrastructure security, environmental robustness, and aesthetics are paramount in the network design. Oberon offers the widest variety of ceiling, wall, and outdoor mounting solutions for WiFi APs from all leading wireless vendors. Oberon's installation solutions have helped thousands of wireless professionals in the global healthcare, government, transportation and logistics, education, retail, hospitality, and manufacturing achieve optimum mobile network performance.

## Suspended Ceiling Wireless Access Point Enclosures with Doors

The suspended ceiling tile enclosures replace standard 2' x 2' ceiling tiles in an acoustical, drop ceiling environment. The access point can be accessed without disturbing the air-handling space, and antennas can be mounted on the door of the enclosure to provide ideal radiation patterns. The ceiling enclosures are designed to satisfy National Electric Code paragraphs 300-22 and 300-23 for installations in the airhandling space (sometimes called the "plenum" space). Most of Oberon's mounts and enclosures are UL Listed and carry an OPA number.



## Suspended Ceiling Wireless Access Point Mounts

The suspended ceiling tile mounts replace standard 2' x 2' ceiling tiles in an acoustical, drop ceiling environment. The access point can be accessed without disturbing the air-handling space, and antennas can be mounted on the door of the enclosure to provide ideal radiation patterns. The ceiling enclosures are designed to satisfy National Electric Code paragraphs 300-22 and 300-23 for installations in the airhandling space (sometimes called the "plenum" space). Most of Oberon's mounts and enclosures are UL Listed and carry an OPA number.



## Indoor/Outdoor NEMA - WiFi Enclosures

These enclosures are designed to permit convenient and secure mounting of the access point in difficult or outdoor environments. Some of these enclosures include a universal mounting plate for access points from many vendors, "keyed alike" locks, and egress points for bulkhead mounted antennas and conduit. The enclosures are designed to the UL50 standard for enclosure integrity. With proper egress point seals, the enclosures are NEMA 4 compliant for water and dust resistance.



## Wall & Hard Ceiling WAP Mounting Solutions: Right-Angle Brackets

Oberon right-angle WAP brackets permit wireless access points to be installed in the recommended horizontal orientation from the wall when ceiling mounting is not possible or convenient. Secure WAPs on walls, pillars, beams and other structures in the preferred horizontal orientation for optimal wireless coverage and performance.





Computer Instruments (CI) is a developer of Conversational, Intelligent Voice Response (IVR), A.K.A. the Virtual Concierge, specializing in inbound self-service, outbound notification, dialing and custom CTI Development for both cloud and premise environments. Listening to those that use our technology every day is our secret weapon.

Communicating that dialogue through innovative solutions using state-of-the-art technology is our mission. Founded in

1979, our dedication to elevating the customer and caller experience has made us the go to partner-of-choice for organizations of all sizes and industries. CI has curated a portfolio of services and solutions like CTI Applications, IP Phone messaging, Screen Pop Applications and mobility solutions, Cloud or Premise based that will scale to the client's needs, reduce costs, increase profitability and enhance overall caller experience. CI, headquartered in the Kansas City area, is recognized worldwide for innovative services, applications and solutions. CI's premium support plans include 24X7X365 coverage with 2 hours a month of professional services and the option to take advantage of High Availability cloud deployment for outages or planned maintenance. and exceptional support. For more information please call 888-451-0851 or visit [www.instruments.com](http://www.instruments.com) or your local distributor or reseller.

- eONE VIRTUAL CONCIERGE an Intelligent Voice Response solution
- Screen Pop Premium
- IPP - Web Phone Broadcast Page IP Phone Pager
- eDialer (formally Power Dialer Standard)

CI brings over 40+ years of application and solutions development expertise to your customer's projects. Occasionally, we encounter a customer requirement for which a "turn-key" CI application has yet to be developed. In such cases we work closely with you and your customers to perform discovery, definition, design, development, deployment and maintenance of custom applications.



Calero offers a wide range of Communications Lifecycle Management (CLM) solutions designed to turn communications data into actionable insight by simplifying the management of voice, mobile and other unified communications (UC) services and assets.

### Calero VeraSMART Call Accounting

It's hard to focus on the bigger projects with the constant barrage of telecom reporting questions. Calero VeraSMART® Wireline and Wireless Call Accounting software will help you combine, simplify and share landline, cellular, and other business data so that you can quickly deal with inquiries about:

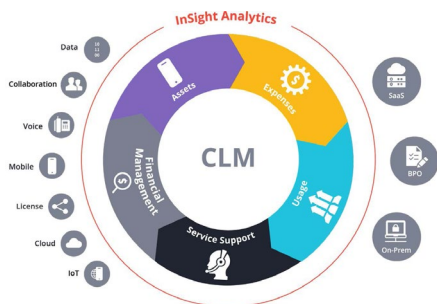
- Employee productivity
- HR/Legal call documentation
- Security
- Communications expenses
- Chargeback & reimbursement
- Optimization



### Communications Lifecycle Management

In addition to VeraSMART Call Accounting, Calero's Communications Lifecycle Management (CLM) approach supports the full spectrum of unified communication channels. Whether it's voice, mobile, messaging, video, or beyond, you have the ability to view, manage and optimize your entire communications business holistically, moving beyond just the traditional "cost savings" value proposition of TEM.

Now, in addition to expense management, you are able to derive true business value from clear visibility into the full lifecycle of your communication solutions to understand performance in the aggregate, and to demonstrate the impact on organizational performance.



# IntelliTouch

IntelliTouch is the telecom industry's recognized leader and innovator of advanced audio messaging, background music delivery and wireless audio distribution products. Founded in the heart of the Sorrento Valley telecom technology center in 1992, IntelliTouch maintains a vision to create the most technologically advanced, yet elegantly simple products on the market. The company's unmatched commitment to product innovation and the highest levels of quality and service continues to set IntelliTouch apart from others in the industry.

## On-Hold Plus™

on-hold audio products that mean business

Ask us about the Cloudstream Dealer Commission Program

### 9000-IP Series - Dual Zone Network Audio Player

With our dual zone audio player, you can play both message on-hold and streaming background music, simultaneously and independently, all from the same device. Connect the player to the internet via LAN or WiFi for content updates or use any USB flash drive to update the player if no network connection is available. Our powerful, yet simple web browser interface allows you to manage a single player or groups of players, all from one place...in the cloud.



### 8000 Series - USB Flash Drive Player

The OHP 8000 features ordinary USB flash drive operation, for easy transfer of audio content from PC/ Mac to the player. The OHP 8000 includes a 128 MB USB flash drive with preloaded with 3 hours of music & messages. The rugged unit supports over 140 hours of playback time (via 2GB USB flash drive).



### Cloudstudio Voice Messaging Solutions

Cloudstream gives your customers a comprehensive suite of cloudbased tools to easily build and manage their telephone's on-hold music & messaging as well as phone system voice prompts, greetings and more -- from any web browser. Best of all, with Cloudstudio your customers will gain access to a team of professional voice actors to take all their business messaging to the next level. Use on virtually any PBX, IP-PBX, cloud based phone service or on-premise on-hold players!



- Music & Message On-Hold
- Voice Prompts & Greetings
- Professional Voice Services

### End-to-end solution for managing all your telephony audio

Simple cloud-based user interface gives customers the ability to change and update their message on-hold productions and voice prompts at any time, without the expense and hassle of reaching out to a studio. Users can choose from hundreds of pre-voiced messages and music backgrounds to create their production in minutes. A custom script writing utility allows users to submit custom messages to be read by our team of professional voice actors, or they can use the built-in voice recorder to read their own messages.

### Support for all phone systems and on-hold players

Users can export finished message on-hold productions, auto-attendant voice prompts and greetings in a wide variety of audio file formats for use on on-premise PBX, IP-PBX and all cloud based phone services...even supports on-premise on-hold players from any manufacturer.

### Full access to a team of professional voice actors

With Cloudstudio, your customers have full access to a team of professional voice actors to give their message on-hold, voice prompts and greetings a polished, professional feel. Voice actors are perfectly suited for all industries and there are options for English and Spanish.

### Recurring Commissions

Cloudstudio pays generous recurring commissions from the services that you sell. Ask us for more info!





PICA Product Development, formerly known as Nel-Tech Labs is a USA manufacturer of audio messaging systems. These devices provide solutions for various applications including: Music and Message On Hold, Business Music and Timed/Triggered Messaging. PICA's state-of-the-art manufacturing facility utilizes the latest automation and robotic assembly equipment. All models are made in the USA and include a 1-year parts and labor warranty.

### Messenger® USB

The Messenger USB is an audio playback device designed to deliver audio for music and message-on-hold, background music, or any other repetitive audio applications. Plug-n-Play design means easy and quick setup with no buttons or settings to adjust. Includes a standard music & message on hold audio file on the USB drive.



### Messenger® MP3

The Messenger MP3 system provides PBX/KSU phone systems an easy-to-operate Message-On-Hold solution. No programming is required. Just plug in the Messenger MP3, check the volume and you're done. The 16 MB Card-On-Board™ (COB) flash memory comes preloaded with a standard music & message on hold audio file.



DATEL Software Solutions LLC creates innovative, feature rich, real-time and historical call accounting and contact center management solutions for businesses small and large. DATEL provides flexible, scalable solutions spanning the breadth of businesses that may just need to keep an eye on cost control to businesses aspiring to differentiate themselves with excellent customer service. DATEL prides itself on outstanding service and believes you're not investing in just a software solution, but in a partnership that cares for your business.

### SWEET! Start

Every business, no matter how small or large, needs basic call statistics at a minimum. SWEET! Start provides a 100% web based look into every incoming, outgoing and internal call. With powerful sorting, filtering and exporting capabilities, you now have this visibility at a price point that is attractive to every business.

### Call SWEET! - Call Accounting

100% web based call accounting that works on any telephony platform. Call Accounting gives you visibility into your business's communications system and how your employees are using it. Use this knowledge to improve employee productivity, reduce costs, boost revenue, increase telecom security and improve customer satisfaction. Drill-down reporting, alarms and alerts and call costing are all part of Call SWEET!.

### Contact SWEET! Standard Edition

You can't manage what you don't measure! Perfect for the customer who needs historical reporting only. Includes cradle to grave, extension level and agent and hunt group reporting providing complete insight into the usage of your telephone system.

### Contact SWEET! Small Business Edition

Ideal for smaller call centers with 10 agents or fewer, who need both real-time views and historical reporting. Includes customizable real-time views, call center alarming, cradle to grave reporting, and agent and hunt group reporting. Unlimited supervisor and wallboard licenses are included.

### Contact SWEET! Enterprise Edition

Perfect for the customer who needs the complete contact center solution. Scalable for single or multi-site contact center environments. Optional modules, such as Call Recording and CRM integration can easily be added.

### Call SWEET! Live for Avaya Aura

Real-time and historical call center management. For customers with up to 200 concurrent agents, Call SWEET! Live for Avaya Aura will provide real-time views and historical reporting on all agent and group activity.



### Tapit RT Real-Time Call Center Performance Management Software (TPRT)

TapitRT is real-time call center performance management software offering a customizable dashboard and intuitive user interface for ease of use, maximum performance and productivity. Real-time access to employee status, including 30+ KPI metrics to monitor call activity such as abandoned calls, queues, transfers and holds, provides supervisors with the valuable data required to successfully manage call center agents, hunt groups and call queues.

### Remote Manager - Multi-Site Polling Module (RM01-RM150)

Compatible with all Trisys products, Remote Manager collects data from multiple sites into a single database for single interface reporting, regardless of the phone system or method of data collection.

### Replay Call Recording Solutions

Dependent on the solution, Replay Call Recording is available as software-only or turnkey options. Crystal clear digital voice recordings are cataloged and stored in the voice repository. Voice records are easily and quickly located, played back and managed using Tapit Call Accounting (included) as the search mechanism.

### Replay T1 - for recording over T1 trunks: PRI(ISDN) or RBS (RPLT11 - RPLT14)

Replay T1 records voice activity over T1 trunks (PRI and RBS). This turnkey system is placed in the front of a PBX or a channel bank to record all incoming and outgoing calls, with optional single direction only recording. Replay T1 call recording allows pausing, starting and deleting voice records during the conversation provided the users have sufficient rights. Replay Call Recording for T1 can block recording to and from a predefined list of DIDs. Each Replay T1 server can support up to 4 T1s.

### Replay ATS - for recording analog ports (RPLATS04 - RPLATS24)

Replay ATS records voice activity over analog ports (trunks or stations). The turnkey server can be installed in the front of a PBX for trunk recording or behind the PBX for selective station recording. Each Replay ATS server supports from 4 to 24 analog ports in 4 port increments. Multiple servers can be linked together for larger applications.

### Replay VoIP for connecting and recording over SIP trunks or VoIP phones

Replay VoIP records voice activity over SIP trunks or any VoIP phones. It works as a premise-based call recording solution that can be used with any on premise, hosted or cloud-based phone system. For larger installations, Replay VoIP can run on the same -- or distributed -- network, supporting tens to thousands of VoIP phones. Replay VoIP allows pause/resume, starting and deletion of recordings during the call.

### Tapit 6 Call Accounting Software for SMB and Enterprise (TPNV6)

Tapit 6 is a responsive browser-based call accounting software offering the most comprehensive search facility in the industry. With a customizable dashboard, users have instant access to the most crucial reports and details of call activity with an auto-refresh feature. Users can automate report scheduling and distribution, backup/archive functions, and more. Tapit 6 supports unlimited number of users with security through roles and permissions with full audit trail of user activity. Tapit 6 Enterprise offers a database capacity up to 300 million call records.

### Tapit 6 Upgrades (TPNV6UPG or TPNV6EZBUPG)

Prior versions of Tapit with valid serial numbers are eligible for discounted upgrades to Tapit 6. Users can choose between a software-only or turnkey upgrade, via the Tapit 6 ezBox standard or enhanced platform.

### Tality Call Accounting for Hospitality and the Service Industry (TL01, TLEZB, TLEZB\_ENH)

Tality Call Accounting was designed for the Hospitality and Service Industry, allowing businesses to recoup their telephone related expenses. It's the tele-management product of choice for businesses such as assisted-living and nursing home facilities, cruise lines, resorts and spas, hotels, country clubs, and many more. Available as a software-only or turnkey solution via our ezBox platform, Tality is the easy to use solution compatible with every Property Management System (PMS).



CEEEO is a premier designer and manufacturer of rugged emergency, weatherproof, courtesy, security, and public telephones. CEEEO's extensive product line delivers industry proven and innovated high quality telephone technology to a broad range of private and public businesses and applications. Our commitment to excellence in quality and customer service is backed and supported by over 85 years of experience.

- **Vandal-Resistant Telephones**
- **Weather-Proof Telephones**
- **Steel Wall Mount Telephones**
- **Hands-Free Panel Telephones**
- **Prison Visitation Phones, Parts, and Systems**
- **Telephone Enclosures and Housings**



SureCall, the performance leader of cell phone signal boosters, provides enhanced indoor connectivity with patented signal booster technology. SureCall specializes in the design and manufacture of commercial-grade cell phone signal boosters, antennas, cables and accessories that improve in-building wireless coverage for all North American cell carriers.

### Cell Phone Signal Boosters

SureCall signal boosters are built to perform when reliability matters most, providing professional installers and customers with advanced booster technology. SureCall's flagship line of FCC-approved boosters increase the range and indoor signal strength for all mobile users on all cell carriers, including AT&T, Verizon, Sprint and T-Mobile.

### Force5 2.0

Equipped with SureCall's built-in Sentry remote monitoring, the award-winning Force5 2.0 is the first booster with integrated remote access to adjust and optimize booster performance from off-site via mobile app. Multiple kitting options offer the flexibility to customize installation inside any building or floor plan.



Security and Communication

Viking Electronics designs and manufactures over 500 security and communication products; such as Emergency Phones, Entry Systems, Paging Interfaces, Amplifiers, Mass Notification Systems, Hot Line Phones, Auto Dialers, Enclosures, and more. In addition to our extensive analog line, we also offer a large selection of IP based solutions. Viking's VoIP products are SIP compliant, with features such as built-in relays and automatic noise canceling. We are continually developing new ideas using the latest technology to expand our product lines. As always, Viking products are designed, manufactured, and supported in the USA and are backed by a two year limited warranty.

- **Paging Controls, Add-Ons and Amplifiers**
- **Timed Tones Over Page/ Synchronized Clocks**
- **ADA Compliant Emergency/Elevator Phones and Accessories**
- **Hotline, Courtesy and Panel Telephones**
- **Door Entry Phones, Hands-free Door Boxes and Entry Systems**
- **Wide Variety of "Problem Solving" Gadgets**



## Jenne® Total One Stop Sourcing

**Jenne Total One Stop Sourcing** provides VARs, MSPs and integrators with a single source for all the products they need to be successful at the total lowest cost.



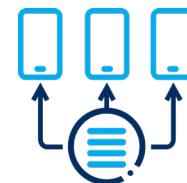
Highly trained and knowledgeable **sales professionals** who provide first class customer service and support.



**Jenne University** accredited training on Avaya, Panasonic and Status Solutions products delivered at Jenne's state of the art training facility in Avon, at locations all across the country, and virtually online.



**Technical services** staff providing technical support, 8 a.m. to 8 p.m. ET at no cost. 24/7 support is available for a nominal charge.



**Staging and Provisioning Services** where Jenne performs all the preliminary configuration, licensing and upgrades enabling resellers to rapidly install systems to their customers network as a standalone unit.



**Jenne Cloud Solutions Designer**, a online, multi-vendor configurator that allows agents to quickly respond to end-user customer requests for cloud quotes with the best vendor, infrastructure and pricing information.



**Distribution excellence** including an order accuracy rate of 99.98 percent and an on-time ship rate of 99.89 percent. Stock levels are maintained at 45-60 days of inventory.



**The Design Center**, which enables resellers to seamlessly upload, view and maintain multi-based network configurations for both simple and complex designs.



**Jenne's Service Contract Renewal Portal** helps resellers manage product and service contracts to help capture proactive revenue opportunities.



APC by Schneider Electric provides protection against many causes of data loss, hardware damage and downtime. Founded in 1981, APC is a leading provider of global, end-to-end AC and DC-based back-up power products and services, including surge suppressors, uninterruptible power supplies (UPS), power conditioning equipment, power management software, and DC power systems as well as precision cooling equipment, and professional and consulting services. APC sets itself apart with global one-stop solutions, efficient manufacturing and innovative product offerings.

**Smart-UPS XL**

APC Smart-UPS® XL protects your customer's data by supplying reliable, network-grade power and scalable runtime in tower or rack-mount form factors. Your customers can configure up to 10 matching battery packs for runtimes exceeding 24 hours, if needed. Typical applications requiring longer runtime include critical application servers and storage, IP and PBX based voice networks, and enterprise network switches and hubs.



**Back-UPS**

The Back-UPS battery backup offers guaranteed power and surge protection for wireless networks, computers, gaming consoles and other electronics in your home or business. Models supply battery backup during outages and unsafe voltage fluctuations, as well as provide protection from damaging surges and spikes. They're available in 'tower' or 'floor' styles, and together with a variety of standard features, they are the perfect choice to protect your data and keep you connected.



**Back-UPS Pro**

The Back-UPS Pro family offers guaranteed power protection for high performance computer systems, routers/modems, external storage devices, game consoles and other electronics in your customer's home or business. These UPSs supply electronics with abundant battery backup during outages and stabilize unsafe voltage levels. They also provide power protection from damaging surges and spikes, and allow the use of management software so your customers get the most out of their UPS.



**Smart UPS RT**

This series of performance power protection devices is designed for voice data networks, medical labs and light industrial applications. Choose from 12 models with features including double-conversion and on-line topology.



**Symmetra LX**

This power protection line uses a modular, redundant architecture to scale power and run time for flexing demand and increase speed and ease of deployment. In 208/240 V input, 208/240 V and 120 V output models.

**Other products include:**

- High-Performance Surge Protection
- Audio-Video Surge Protection
- Network and PC System Surge Protection



Para Systems, Inc. is a wholly owned subsidiary of Components Corporation of America (CCA), a privately held corporation that traces its history back to 1916. Para Systems, Inc. manufactures the Minuteman line of Power Protection products which includes single and 3-phase Uninterruptible Power Supplies (UPSs), surge protectors, remote power managers and power distribution units. Minuteman delivers high-value products that fit customer demands, and back them up with responsive, personal support before and after the sale.

**Battery Backup**

Complete protection for communications equipment both large and small with complete protection products ranging from 400VA desktop units to 100kVA centralized 3-phase solutions.



**Surge Protection**

Protection for non-critical equipment from surges and spikes in utility power, Minuteman's line of MMS surge protectors provide unique features, reliable protection and exceptional warranty protection.



**Power Management**

Manage power to critical network and security devices from anywhere with power management (IP-addressable PDU). Securely manage power from your PC, Smartphone or tablet from anywhere with an internet connection.



**Power Distribution Units**

Power distribution products safely & efficiently distribute power within racks and enclosures while offering lengthy power cords, versatile configuration options, and premium features at a lower cost.



Xtreme Power, a global provider of power quality solutions, is dedicated to providing the most reliable power protection for mission critical applications. Its innovative product portfolio ensures customer peace of mind with ideal solutions for maximum uptime. Xtreme Power manufactures UPS, power distribution units, and portable cooling products for a global network of OEMs and distributors.

**UPS Systems**

Xtreme Power designs, engineers, and services UPS ranging from 400VA to 60kVA available in standby, line interactive, online, and isolated online topologies.



**Power Distribution**

Ranging from basic, to smart, to configurable power distribution, our power distribution solutions meet the needs of virtually any environment or application.



**Bypass Distribution**

The XBDM enables a full wrap-around bypass of UPS, which means the UPS can be repaired or replaced without loss of power to the protected load.



**Portable Cooling**

Xtreme Power provides portable cooling solutions in order to meet the environmental demands of small rooms and data closets.





# ALGO



Algo SIP compliant endpoints are designed for public address, visual and audible alerting, and door intercom security applications. With 50+ years of telecom expertise and strategic partnerships involving some of the largest communication companies in the world, Algo is a trusted supplier to organizations looking for dependability, proven compatibility, ease of deployment, and best possible user experience.

## IP Voice Paging

IP enable existing paging infrastructure with an Algo paging adapter or deploy high-intelligibility Algo IP wideband speakers. Supporting both SIP and multicast, Algo's IP paging solutions are scalable and flexible to meet any VoIP enterprise requirement in retail, manufacturing, healthcare, transportation, education, hospitality and more.



## IP Alerting & Notification

Visual and audible event notification for loud ringing, bell scheduling, OSHA or ADA compliance, automated announcements, and safety, emergency or security notification. Algo endpoints seamlessly integrate with SIP enabled cloud or premise UC environments.



## IP Door Intercom

Algo voice and video intercoms add security for unattended entrances, indoors and out. An Algo intercom offers the convenience of remote access control via contact closure from any telephone, client or device connected to the SIP enabled UC server. Choose from several stylish intercoms for door and gate entrance applications.



# AVAYA

Experiences That Matter

Avaya Paging Solutions can improve communications in any environment. Avaya's paging equipment is designed to increase efficiency by making it possible to connect with customers rapidly and without disruption. State-of-the-art technology, features and applications for quick and effective communication, outstanding sales and service and affordability.

## Indoor/Outdoor Speaker Boxes

Weather-proof and stylish, these surface-mount speaker enclosures offer protection without restricting sound.



## Ceiling Speakers

From standard to acoustic-tile look-alikes, Avaya ceiling speakers are easy to install, look great and provide superior sound.



## Door Phone Speakers

Two-way, easy-to-understand and hands free communication for safe visitor entry.



## Paging Amplifiers

Avaya Paging Amplifiers can handle the smallest to the largest of system needs with ease.



# BOGEN<sup>®</sup> COMMUNICATIONS, INC.

Bogen Communications is a leading manufacturer and designer in the field of telephone paging, public address, intercommunications and background music systems. After more than 80 years Bogen Communications is still in the forefront of peripheral products with commercial, industrial and institutional applications by focusing on our customer's needs.

## Telecom Paging Solutions

Both central- and self-amplified systems.

## Paging Control Modules

Interfaces a telephone and paging system.

## Input and Output Modules Vectors

## Public Address and Telephone Paging Amplifiers

Dual and Mono-channel.

## Loudspeaker Horns

A wide variety with high intelligibility and weatherproof cast aluminum end bells.

## Ceiling Speakers

Including their patented NEAR series of high output speakers. Paging Power Supplies and Accessories System Enhancements Microphones and Paging Electronics.

## IP-based Paging and Intercom Solution

C4000 fully IP and Hybrid based solution.

# EATON

When it comes to protecting life and property, there's no room for compromise. The leading life safety and mass notification solutions from Eaton's portfolio of technologies are designed to save lives. In the most demanding environments, Eaton delivers top performance with the expertise, reliability and scalability that your business requires. From Wheelock's advanced technological solutions for life safety to ALERITY's integrated mass notification systems that reach the right people at the right time, Eaton now offers a whole new level of protection to keep your personnel safe and your business running strong.

- Wheelock Life Safety Notification Appliances
- Explosion Proof and Hazardous Area Signals
- Mass Notification Systems
- Telephone Alerting Devices
- Voice Evacuation Systems



# GAI-TRONICS<sup>®</sup> HUBBELL

GAI-TRONICS<sup>®</sup> is a global leader focused on the communication needs of the world's industrial markets. Founded in 1946, GAI-TRONICS' earliest products set the industry standard for durability and reliability. While maintaining our commitment to the principles of quality and customer service, today's GAI-TRONICS<sup>®</sup> applies IP technology to solve the world's most challenging communication needs. Backed by the stability of our parent company, we implement our technology and solutions to improve productivity and efficiencies in businesses across the globe.


- Analog, VoIP and WiFi Emergency Phones
- Emergency Blue Light Call Stations
- Weatherproof Telephone Enclosures
- Analog and VoIP Rugged Phones
- Public Address Towers / Discrete Amplified Speakers
- Analog and VoIP Clean Room Phones
- IP Touchscreen Audio/Video Intercoms
- IP Remote Video Intercom / Access Control



Since 1977, Valcom's focus has been to listen to and provide customer based solutions. Valcom has extensive experience in IP and Analog Voice Paging systems, IP Centric Multimodal Systems and Telecommunication Enhancements. They are known for providing guidance and assistance from the simplest paging system to the most complex mass notification communications system solution.

- **Paging, Intercom and Mass Notification Solutions**
- **Analog and IP Control and End-Points**
- **Paging IP Solutions**
- **Loudspeaker Horns**
- **Ceiling Speakers**
- **Wall Speakers**
- **Speaker/Clocks**
- **Door Entry/Intercoms**
- **Door Phone Speakers**
- **Clocks - Wired, Wireless, IP**
- **SIP HelpPoints**



Manufactured in Roanoke, VA 

# VIKING

Security and Communication

Viking Electronics designs and manufactures over 500 security and communication products; such as Emergency Phones, Entry Systems, Paging Interfaces, Amplifiers, Mass Notification Systems, Hot Line Phones, Auto Dialers, Enclosures, and more. In addition to our extensive analog line, we also offer a large selection of IP based solutions. Viking's VoIP products are SIP compliant, with features such as built-in relays and automatic noise canceling. We are continually developing new ideas using the latest technology to expand our product lines. As always, Viking products are designed, manufactured, and supported in the USA and are backed by a two year limited warranty.

- **Paging Controls, Add-Ons and Amplifiers**
- **Timed Tones Over Page/Synchronized Clocks**
- **ADA Compliant Emergency/Elevator Phones and Accessories**
- **Hotline, Courtesy and Panel Telephones**
- **Door Entry Phones, Hands-free Door Boxes and Entry Systems**
- **Wide Variety of "Problem Solving" Gadgets**



## Don't buy anything until you have heard the difference!

If you believe your communication is critical, Zenitel has made it easy to augment your VoIP solution with SIP end-devices for IP Intercom, Video Intercom, and Telephony Communications that are easy to sell, easy to configure, and easy to manage.

Imagine a fully unified communication platform that allows you to hear, be heard and be understood anywhere, anytime, and under any circumstances.

The variety of devices Zenitel offers can help you meet virtually any need from front entry ways to public address broadcast, clean room environments to industrial applications, outdoor gates to security control rooms. Utilizing built in software features like auto volume adjustment and active noise cancellation, crystal clear intelligibility is never an issue.



## AUDIO/VIDEO CONFERENCING SOLUTIONS

**AVAYA** Avaya IX Meetings provides messaging, voice, video, conferencing and team collaboration, all in one application. Avaya IX Meetings provides a powerful tool for teams to collaborate effectively on any device and from any location.



AVFI is a leader in the video conference and A/V furniture market. They provide excellent products and services at competitive prices.

**AVTEQ**

Avteq designs and manufactures video conferencing mobile stands and consoles with a new dimension to meet the demands of current technology.



Boom is passionate about collaboration and their range of stylish cameras are designed and built with the highest quality for crisp, clear and vivid images. Video enables remote workers, huddle rooms, class rooms or conference rooms with their collection to achieve the best remote meetings wherever you are. With Boom cameras, enjoy professional quality video that's easy to install.



CAD Audio is a developer of paging and radio microphones, stands and accessories for the professional, commercial and installation audio industries.

**CHIEF**

Chief offers mounting solutions designed to support a wide range of audio/video applications from corporate boardrooms and facilities to home theaters and offices.

**ClearOne**

ClearOne is a global company that designs, develops and sells conferencing, collaboration, streaming and digital signage solutions for voice and visual communications. The performance and simplicity of its advanced comprehensive solutions offer unprecedented levels of functionality, reliability and scalability.

**EPOS**

EPOS delivers high-end audio solutions designed for enterprise and gaming.



HuddleCamHD is a U.S.-based company that manufactures USB connected conference cameras and speakerphones. Offering both wireless and wired USB webcams, HuddleCamHD is most known for its affordable USB cameras with pan, tilt, and optical zoom capabilities.

**KONFTEL**

For 30 years Konftel's mission has been to help people in businesses around the world hold millions of meetings despite distance. Their focus has been set on offering the perfect sound. Now it's time to bring video into Konftel's meeting solutions. It's time to add a face to the voice.

**KRAMER**

Kramer has been on the leading edge of Pro AV innovation for over 35 years. With hundreds of employees and partners serving thousands of customers across six continents, they remain committed to delivering smart technology products and solutions for a wide variety of markets and applications.



LG Electronics has led the way into the advanced digital era thanks to the technological expertise it has acquired manufacturing appliances since 1958. LG continues to pursue its 21st century vision of becoming a worldwide leader in digital—ensuring customer satisfaction through innovative products and superior service.

**logitech**

Logitech is a world leader in products that connect people to the digital experiences they care about. Spanning multiple computing, communication and entertainment platforms, Logitech's combined hardware and software enables or enhances audio and video communication over the internet.

**poly**

Poly is the global communications company that powers authentic human connection and collaboration. Face to face, they sift and sort millions of verbal and non-verbal cues to glean meaning. Poly is finding new ways to inject these cues into audio and video communication to replicate the face to face experience. To build intimacy. To break walls and span distance. To nurture the simplicity and beauty of human connection.

**PTZOPTICS**

PTZOptics is a U.S.-based company that manufactures PTZ broadcast conference cameras. PTZOptics cameras offer a wide variety of connectivity options including: HD-SDI, HDMI, USB 3.0 and IP Streaming.

**snom**

Snom designs and manufactures professional and enterprise VoIP telephones. Snom produces robust, high-quality and feature-rich business telephones designed exclusively for the trained and certified professional IT and PBX installer, and universally compatible with the leading PBX platforms.

**YAMAHA**

Yamaha audio and video conferencing solutions streamline collaboration and boost productivity wherever people need to speak openly, share freely and create exceptional things. Yamaha's considered approach to building enterprise-grade microphone systems, conference phones, and video sound bars ensures exceptional audio quality, ease of connectivity and flexibility for meetings across the table or across the globe.

**Vidyo**

Vidyo enriches people's lives by embedding real-time video into digital communications in the moments that matter most. Millions of people around the world connect visually every day through Vidyo's secure, scalable technology and cloud-based services. Its patented platform integrates with virtually any application environment, network, and device to deliver the highest quality experiences that strengthen teams, build trust, solidify relationships, and improve quality of life for everyone.

**Yealink**

With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products.

## BUSINESS AND SIP TELEPHONES

**AVAYA**

Avaya is a global leader in communications, creating intelligent communication experiences for customers and employees. They build open, converged and innovative solutions to enhance and simplify communications and collaboration - in the cloud, on-premise or a hybrid of both. Avaya is committed to innovation, partnership and a relentless focus on what's next in business communication technology.

**allworx**

Allworx is an award-winning maker of VoIP communication systems for SMBs, providing a complete portfolio including IP phones, network switches, and advanced software options.



AT&T telephone products reflect a long and distinguished history of product excellence dating back over 100 years. Today, their product line is one of the most extensive in the industry, including corded and cordless phones, answering systems and phone-related accessories.





AudioCodes designs, manufactures, and sells advanced Voice over IP and converged VoIP and data networking products, applications and professional services to global enterprises, medium and small businesses, as well as to service providers. Their extensive product range includes IP phones, session border controllers (SBCs), media gateways, mobile VoIP clients, multi-service business routers (MSBRs), routing applications, call recording, voice dialing, and more.



Cetis, Inc., designs and manufactures a broad range of analog and VoIP telephones and high-speed Internet products. Designed and engineered in America and Europe for hotel, resort, enterprise, SMB, SOHO, healthcare, education, military, and government applications, Cetis products are built to exacting standards, and backed by their global distribution and support network.



EnGenius DuraFon SIP is the industry's first durable, long-range SIP cordless phone. The DuraFon SIP cordless phone system delivers superior range, durability, and reliability in a flexible, multimode communications platform with the lowest total cost of ownership (TCO) in the industry.



Mitel SIP phones offer exceptional features and flexibility in an open-standard enterprise grade IP telephone with functionality for any sized office.



Poly is the global communications company that powers authentic human connection and collaboration. Face to face, they sift and sort millions of verbal and non-verbal cues to glean meaning. Poly is finding new ways to inject these cues into audio and video communication to replicate the face to face experience. To build intimacy. To break walls and span distance. To nurture the simplicity and beauty of human connection.



Telefield is a leading designer and manufacturer of telecommunications products for SMBs in North and South America. Telefield's expandable VoIP systems provide a perfect long term solution for any business.



Sangoma is a leader in enterprise, value-based communications, delivering industry-leading quality at price points that enhance customers' ROI. They offer businesses of all sizes affordable cloud-based and on-premise Unified Communications (UC) systems with enterprise caliber features.



Scitec provides specialized guestroom telephones for the lodging industry and offering an ever-expanding line of telephone products and services to corporate, university and hospitality clients.



Snom designs and manufactures professional and enterprise VoIP telephones. Snom produces robust, high-quality and feature-rich business telephones designed exclusively for the trained and certified professional IT and PBX installer, and universally compatible with the leading PBX platforms.



Spectralink, a global leader in wireless solutions, solves the everyday problems of mobile workers through technology, innovation and integration. By continually listening to customers on the move through their workdays, Spectralink is able to develop and deliver reliable, enterprise-grade voice and data solutions.



TeleMatrix hotel phones are beautifully engineered to fit the color, decor, and technical requirements for hotel guest rooms, lobby, and common areas. Choose from their 9600 Series cordless and 3300 Series corded models in analog or VoIP with optional color accent handset kit options.



Yealink is a manufacturer of high-quality VoIP telephone products that are reliable, cost effective, and have a typically high margin yield.

## CLOUD SOLUTIONS



8x8, Inc. (NYSE:EGHT) cloud solutions help businesses transform their customer and employee experience. With one system of engagement for voice, video, collaboration and contact center and one system of intelligence on one technology platform, businesses can now communicate faster and smarter to exceed the speed of customer expectations.



AT&T is deploying virtualized network functions to create an overarching system of software solutions for all businesses. Widening the enterprise's portfolio of cloud services will strengthen data collection capabilities and enhance cost savings. Having the ability to expand and navigate cloudsolutions with the click of a button from a single dashboard through NetBond brings greater opportunities to enterprises that are grappling with digital transformation.



Avaya is a global leader in communications, creating intelligent communication experiences for customers and employees. They build open, converged and innovative solutions to enhance and simplify communications and collaboration - in the cloud, on-premise or a hybrid of both. Avaya is committed to innovation, partnership and a relentless focus on what's next in business communication technology.



ADTRAN is an established supplier of advanced transmission products for connecting and integrating today's expansive telecommunications networks developed to address high-speed, digital communication. Products include solutions for IP telephony/VoIP, networking equipment solutions, enterprise wireless solutions, including delivering cloud connectivity via high-performance, secure and reliable solutions.



Alert Logic, the leader in security and compliance solutions for the cloud, provides Security-as-a-Service for on-premises, cloud, and hybrid infrastructures, delivering deep security insight and continuous protection for customers at a lower cost than traditional security solutions.



AudioCodes designs, manufactures, and sells advanced Voice over IP and converged VoIP and data networking products, applications and professional services to global enterprises, medium and small businesses, as well as to service providers. Their extensive product range includes IP phones, session border controllers (SBCs), media gateways, mobile VoIP clients, multi-service business routers (MSBRs), routing applications, call recording, voice dialing, and more.



BCM One's Managed SIP Trunking solution (mSIP) powered by our award winning nexVortex brand, a BCM One Company, provides businesses with reliability and uptime of their voice services. Managed SIP is ideal for SMB to enterprise-level businesses who are looking for voice quality, availability, and visibility. It is certified as interoperable with major PBX vendors.



BCN's experts guide your customers to the right solution, then help them secure, manage, and monitor it, ensuring they're always connected to the advanced technologies that can take their business even further.



Broadvoice unites cloud-based business phones, video conferencing, business text messaging and team collaboration, giving you access to communications solutions from a single provider that are designed to work together.



CallTower exists to enable people to easily connect to transact business communications. Since its inception in 2002, CallTower has become a leading provider of cloud-based, enterprise-class Unified Communications solutions for growing organizations worldwide. CallTower provides, integrates and supports industry-leading, cloud-based, Unified Communications and Collaboration solutions.



Help keep your network connected and protected with secure network solutions. Get connectivity, network management, integrated advanced security capabilities with real-time network insights, and the power to control it from anywhere. It's secure network solutions — only from Comcast Business.



Command Link is a group of telecom and SaaS innovators designing the solutions of tomorrow, today, so that they can lead the next generation of voice and data networks as they continue to move forward in the world of digital technology. To do this, Command Link has worked to redesign the functions of Telecom and SaaS from the ground up by designing, innovating, and managing new voice and data networks specifically designed to take advantage of cutting-edge technologies.



Founded in 1962, Comm-core has evolved from an office products supply store to a leading innovator behind IP-based, hosted solutions. Leveraging their strengths in VoIP telecommunications, Comm-Core has taken the same knowledge and expertise and applied it to the security and surveillance markets. The result has been a hosted video surveillance solution that is leaner, higher quality and costs less to operate than competing products. Comm-Core Surveillance offers 24/7 live video monitoring, two-way audio communication and over 25 business and analytical features.



Data Canopy is a team of data center experts dedicated to being a partner - not just a provider - for their clients. At Data Canopy, they leverage global carriers, a highly secure cloud, and worldwide data center facilities to cover all of your data center needs. Clients get custom-fit, optimized solutions in Tier III enhanced facilities at a low cost.



EnGenius Cloud enables SMBs and larger enterprises to focus on business growth by providing quick configuration and installation, reliable performance, predictive analysis, and real-time insights for companies that need to manage their wireless networks easily and securely without servers.



Extreme Networks delivers software-driven networking solutions that help IT departments everywhere deliver the ultimate business outcome: stronger connections with customers, partners, and employees.



FatPipe®, the inventor and multiple patents holder of software-defined wide-area networking (SD-WAN), reliability, security, and WAN Optimization products, specializes in providing solutions that transcend Wide-Area Network (WAN) failures to maintain business continuity. Over the last 12 years, FatPipe has the largest installed base of customers in software-defined network WANs, including numerous Fortune 1000 companies.



Fusion Connect manages, orchestrates and secures the critical technology infrastructure that enables the connected enterprise. They tailor their highly available and secure cloud communication, collaboration, security and network management platforms to meet the unique needs of their mid-market and enterprise customers. Their AI-based management systems along with their highly skilled technicians ensure world-class application performance under any conditions.



Intermedia is a Unified Communications as a Service (UCaaS) and business cloud email provider hyper-focused on delivering easy-to-use and secure communication and collaboration solutions to SMBs and the partners that serve them.



From the first telephone pole and open wire to the latest broadband technology, Ironton Telephone's focus has remained the same: affordable, dependable service for its customers, a stable work environment for its employees and on-going support for the community. SIP trunking from Ironton Telephone is the simple, cost effective solution to cut costs and increase efficiency in every aspect of your business.



Lifesize connects organization with award-winning conferencing technology that covers web, audio and video conferencing. Lifesize offers this experience through a unique integration of plug-and-play HD camera systems and HD phones and easy-to-use cloud-based conferencing software.



GoTo, formerly known as LogMeIn, simplifies how people interact with each other and the world around them to drive meaningful insight, deeper relationships and better outcomes. With a platform that supports tens of millions of daily users, over a billion customer interactions and 20 billion voice minutes per year, GoTo has helped invent the modern way of working - flexible, dispersed, mobile, efficient and productive.



Lumen is a multinational technology company that enables companies to capitalize on emerging applications and power the 4th Industrial Revolution (4IR). This revolution is redefining how we live and work, creating an unprecedented need for an advanced application delivery architecture—designed specifically to handle the complex and data-intensive workloads of next-gen technology and businesses.



Momentum Telecom is a premier provider of Business Voice, BBX Broadband Management and Unified Communications solutions. Momentum's solutions offer smart, customizable cloud-based applications including voice, video and collaboration tools that enhance business productivity and efficiency for direct customers and more than 500 nationwide white label and channel partners. Momentum Telecom is committed to delivering superior products backed by a geo-redundant network paired with industry-leading uptime and customer service.



net2phone is one of the fastest growing business cloud communications providers in the US. They are a multi-billion dollar international corporation, but they've got a true entrepreneurial spirit. net2phone has spent the last 20+ years listening to feedback, investing in innovation, and thriving to help your business succeed.



Nextiva's mission is to provide reliable unified communications products backed by a dedication to delivering 'Amazing Service' to businesses across the country. Their cloud-based phone systems, fax communications, and web-based tools are designed to increase flexibility, productivity, and efficiency for businesses of all sizes in a variety of industries.



PanTerra is a business-class Unified Cloud Service Provider, seamlessly delivering unified communications, team messaging, contact center, file sync & share, and business analytics through Streams, its unified cloud solution. Streams is a business-class, HIPAA secure, ultra-reliable, future-proof unified cloud service that can be custom configured on a user-by-user basis and consistently deployed worldwide.



Ribbon Communications is a market leader in enabling IP-based voice, video and data services. Service providers and enterprises of all sizes use Ribbon Communications solutions to simplify customer premise configurations for quick and smooth installations, reduce time to market and deliver rapid return on invested capital. The company helps customers deliver intelligence at the network edge with its Network Edge Orchestration platform that includes Intelligent Edge ESBCs and QuickConnect certification program, and the EdgeView Service Control Center.



RingCentral, Inc. (NYSE: RNG) is a leading provider of global enterprise cloud communications and collaboration solutions. More flexible and cost-effective than legacy on-premises systems, RingCentral empowers modern mobile and distributed workforces to communicate, collaborate, and connect from any location, on any device and via any mode. RingCentral provides unified voice, video, team messaging and collaboration, conferencing, online meetings, digital customer engagement and integrated contact center solutions for enterprises globally. RingCentral's open platform integrates with leading business apps and enables customers to easily customize business workflows.



Sangoma is a leader in enterprise, value-based communications, delivering industry-leading quality at price points that enhance customers' ROI. They offer businesses of all sizes affordable cloud-based and on-premise Unified Communications (UC) systems with enterprise caliber features.



SIPPIO is 100% Azure native to ensure peace of mind with high availability, failover and security across the globe. SIPPIO architected a fully automated, end-to-end cloud solution providing top grade carrier services through certified session border controllers running exclusively in Microsoft Azure.



Spectrum Business improves and secures your connection to key cloud service providers with their Cloud Connect service. Cloud Connect provides a dependable, private cloud connection for accessing Amazon Web Services and Microsoft Azure.



Star2Star was founded in 2006 with a passion for revolutionizing the world of business communications. For small and large businesses, Star2Star unifies and simplify complex communications activities. For employees, they deliver a culture of innovation, diversity, and individuality.



Talkdesk offers a better way for organizations to unlock the promise and potential of great customer experience. Talkdesk is innovative, creative, and challenges the old status quo in order to help their customers thrive and grow.



ThreatProtector provides the protection, visibility and products for Cybersecurity challenges. They provide the most effective security awareness training, email encryption, and device endpoint protection for businesses of any size.



TransmosisONE protects small businesses from the world's most sophisticated cyber threats. It is the industry's first Artificial Intelligence cybersecurity platform and 24/7 live virtual Security Operations Center with fully integrated cyber liability coverage. TransmosisONE uses monitoring around the clock to effectively protect your customers' small business while they sleep.



Vault America is a leading provider of cloud-based storage specializing in data backup, recovery, and archiving solutions. From small businesses to multinational enterprises and designed for channel partners, customers use Vault America's cloud storage services to solve their data protection, retention and business continuity challenges.



UJET is the world's first and only cloud contact center platform for smartphone era CX. By modernizing digital and in-app experiences, UJET unifies the enterprise brand experience across sales, marketing, and support, eliminating the frustration of channel switching between voice, digital, and self-service for consumers.



Partnering with WOW! Business provides access to unparalleled carrier diversity and a superior operating environment where service and uptime are paramount. With the WOW! Business network as your foundation, your customers can leverage the strengths of over 32 different carriers, or utilize WOW!'s Layer 3 private network for low latency connectivity, to create a customized, best-in-class data center solution, managed by WOW! Business.



Zoom helps your customers express ideas, connect to others, and build toward a future limited only by their imagination. Zoom's frictionless communications platform is the only one that started with video as its foundation, and they have set the standard for innovation ever since. That is why Zoom is an intuitive, scalable, and secure choice for large enterprises, small businesses, and individuals alike.

## HEADSET SOLUTIONS



Avaya is a global leader in communications, creating intelligent communication experiences for customers and employees. They build open, converged and innovative solutions to enhance and simplify communications and collaboration - in the cloud, on-premise or a hybrid of both. Avaya is committed to innovation, partnership and a relentless focus on what's next in business communication technology.



ClearOne's CHAT USB PC headsets for unified communications combines comfort, durability and the legacy audio quality you expect from ClearOne.



EPOS delivers high-end audio solutions designed for enterprise and gaming.



Poly is the global communications company that powers authentic human connection and collaboration. Face to face, they sift and sort millions of verbal and non-verbal cues to glean meaning. Poly is finding new ways to inject these cues into audio and video communication to replicate the face to face experience. To build intimacy. To break walls and span distance. To nurture the simplicity and beauty of human connection.



Snom headsets are tested specifically for use with the Snom telephones, and they are designed for good wearing comfort. The microphone is noise-cancelling so there is no compromise on voice quality.



Yealink's over-the-head style headset is made for office worker, SOHO, or call center staff. It is compliant with the full range of Yealink enterprise IP phones.

## INSTALLATION SUPPLIES AND TOOLS



Algo is a trusted supplier and partner in telecommunications, with millions of IP endpoints, including PoE speakers, horns, paging adapters, strobes, push buttons, doorphone/intercoms, and specialty handsets, shipped globally.



Altronix Corporation is a leading designer and manufacturer of low voltage electronic components. Altronix offers a comprehensive line of security, fire, CCTV, access, nurse call and automation products.



Cablesys is a leading manufacturer of fiber optic, telephone and category cables and accessories. Their focus is on building strong connections with the latest technology and cost efficient solutions with their products.



Fluke Networks is a provider of Category 5e and 6 test equipment, telephone DSL/ISDN test equipment and telecom tools.



Garvin is a manufacturer of quality electrical, datacom and telecom hardware.



Greenlee is a provider of quality tools to the electrical industries.



Hitachi Cable Manchester, Inc. is a manufacturer of copper premise cable, fiber optic cable, electronic round cable, electronic ribbon cable and custom cable.



Resideo's Genesis Series provides a full range of cables for security, fire, sound, video, structured cabling, voice and data, and other low voltage applications.

For complete product and ordering information view our searchable electronic catalog at: [www.jenne.com](http://www.jenne.com) • 800-422-6191



**HUBBELL**

Hubbell Premise Wiring is a global manufacturer of structured cabling systems, enclosures and accessories, providing intelligent infrastructure solutions.



ICC is a performance-value leader in network connectivity and cable management including: workstations, fiber optic systems and outlets, racks and cable management and raceway systems.



Ideal is a provider of products that range from wire connectors, benders, lubes and fish tape to sophisticated electrical testers, datacomm equipment and ergonomically designed hand tools.



Middle Atlantic is a manufacturer of rack enclosures, monitoring consoles, data cabling management products, audio and video studio furniture, power distribution products and related accessories.

**NETSOURCE**

NET Source provides best-of-breed IT infrastructure solutions, services and security to small, medium and large enterprises alike.

**NVT PHYBRIDGE**

NVT Phybridge is the leader in long reach PoE, making IP connections in far places simple. Their CHARIoT series of long reach switches helps their customers migrate to an IP-based network, transforming the existing or new infrastructure in to an IP path with power.



Oberon is a leading designer and producer of in-building enclosures and antenna products for cabling, wireless voice and data network infrastructure products.



Manufacturer of passive and active infrared technology, control systems, and CCTV products which are applied in the fields of Security, Automatic Door Controls, and Factory Automation.



nVent ERICO manufactures grounding, bonding, lightning protection and electrical rail connection solutions for commercial, industrial, utility, rail, alternative energy and telecom end user groups. With their unique, holistic approach to protecting facilities from the effects of lightning and induced-surge transients, they protect some of the world's most sensitive equipment, buildings and critical processes.

**SUTTLE**

Suttle is a leading manufacturer of communication connectivity products to major service providers and installers.

**PAGING, INTERCOM, AND PUBLIC ADDRESS SOLUTIONS**

**ALGO**

Algo is a trusted supplier and partner in telecommunications, with millions of IP endpoints, including PoE speakers, horns, paging adapters, strobes, push buttons, doorphone/intercoms, and specialty handsets, shipped globally.

**AVAYA**

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**BOGEN COMMUNICATIONS, INC.**

Bogen is a leading provider of sound systems and telephone peripherals for commercial, industrial and institutional settings including overhead paging, school intercom and signaling to large-scale concert music systems.

**EAT•N**

Eaton's "Cooper Notification" business offers a full line of mass notification solutions applicable but not limited to the retail, government, military, industrial and education sectors.

**GAI-TRONICS**

Gai-Tronics is a provider of industrial handset, emergency hands-free telephone equipment and outdoor beacons.

**LOUROE ELECTRONICS**

Louroe Electronics' mission is to provide proprietary and patentable, market driven, high-quality audio capture and response technology. Their signature products include the Verifact® series of analog microphones and accessories, the Digifact™ line of IP microphones, and a suite of audio analytics that provide threat detection. These solutions are delivered in versatile and adaptive technology employed in industries across the board, including law enforcement, education, hospitality, healthcare, gaming, retail, transportation, and more.

**spectrio**

Spectrio is one of the nation's leading end to end technology-enabled audio and video marketing companies, providing professional content and managed services on a monthly subscription basis. Their solutions, consisting of On-Hold Messaging, Digital Signage and Overhead Music, enable their clients to engage, educate and entertain their customers, across all customer touch points.

**Status Solutions**

Status Solutions provides situational awareness solutions with expertise in vertical markets such as senior housing, healthcare, education and government.

**VALCOM**

Valcom is a provider of page control interfaces, VoIP LAN/WAN connectivity, ceiling/wall speakers, paging horns, Privacy Spot sound masking, power supplies and door entry systems.

**VIKING**

Viking is a provider of telephone accessories, entry controllers and door boxes, apartment entry systems, elevator access and communication devices, industrial paging and telephony control devices.

**zenitel**

Zenitel Group is the world leading provider of intelligent communication solutions, focused on IP Intercom, Video Intercom, and Telephony Communications. Zenitel ensures seamless interoperability with IPBX and VoIP systems around the world.

**POWER PROTECTION/UPS**



APC is a manufacturer of network-critical physical infrastructure (NCPI) solutions, designed for both home and corporate environments of all sizes.



DITEK Corporation has been the industry leader in the design and manufacturing of surge protection devices and systems for more than 20 years. DITEK provides total surge solutions for low voltage CCTV, Fire and Intrusion, Access Control, and Voice/Data/Signal applications, including VoIP and PoE. They also offer a complete line of hardwired suppressors and arrestors for main and distribution panels, as well as point of use equipment.



ITW Linx is a provider of a full line of lightning and surge protection products covering the breadth of the AC, telecom and datacom markets - from rack mount solutions to pair-by-pair block protectors.



Minuteman Power Technologies is a leading provider of uninterrupted power supplies for telephones, computers and data communication devices (UPS products are available from 325VA to 10KVA).















Tripp-Lite is a leading provider of uninterrupted power supplies for telephones, computers and data communication devices for both individual station or network systems.














Xtreme Power Conversion® designs, produces and delivers power quality and data center solutions with UPS and power distribution equipment that solves real-world customer problems while providing one of the best cost-to-performance ratios in the industry.

## SPECIALTY COMMUNICATIONS PRODUCTS

-  AudioCodes designs, manufactures, and sells advanced Voice over IP and converged VoIP and data networking products, applications and professional services to global enterprises, medium and small businesses, as well as to service providers. Their extensive product range includes IP phones, session border controllers (SBCs), media gateways, mobile VoIP clients, multi-service business routers (MSBRs), routing applications, call recording, voice dialing, and more.
-  Belkin is an award-winning manufacturer for networking solutions, accessories for iPods, and the first Cable-Free USB Hub, PureAV cables, power, and digital wireless accessories.
-  CEEEO is a provider of emergency, security, courtesy and public telephone equipment, delivering high quality technology to its customers in the private and public business sectors.
-  Cortelco, a leading supplier of telecommunication products, continues to be the chosen supplier for residential and business consumers. Our commitment to quality products, competitive pricing and customer service excellence have contributed to our continued success spanning 111 years in the industry.
-  Louroe Electronics' mission is to provide proprietary and patentable, market driven, high-quality audio capture and response technology. Their signature products include the Verifact® series of analog microphones and accessories, the Digifact™ line of IP microphones, and a suite of audio analytics that provide threat detection. These solutions are delivered in versatile and adaptive technology employed in industries across the board, including law enforcement, education, hospitality, healthcare, gaming, retail, transportation, and more.
-  Multi-link is a manufacturer dedicated to the development and marketing of high quality telecommunications devices, including remote power management and fax phone switch devices, for a wide variety of commercial and government applications.
-  MultiTech is a global manufacturer of award-winning external and embedded modems, and unified communications products that connect data over cellular and analog networks from anywhere in the world.
-  PM Power Products provides power management and survivability products, equipment cabinets, SIP devices including video door boxes, paging amplifiers, remote control and alerting devices, and web conferencing solutions.
-  Ribbon Communications is a market leader in enabling IP-based voice, video and data services. Service providers and enterprises of all sizes use Ribbon Communications solutions to simplify customer premise configurations for quick and smooth installations, reduce time to market and deliver rapid return on invested capital. The company helps customers deliver intelligence at the network edge with its Network Edge Orchestration platform that includes Intelligent Edge ESBCs and QuickConnect certification program, and the EdgeView Service Control Center.
-  Surecall manufactures and sells a line of high-quality cellular amplifiers and accessories for the cell phone market. Their current flagship products are the SureCall™ line of FCC-approved signal amplifiers, which boost the range and reception of almost any call.
-  TeleMatrix hotel phones are beautifully engineered to fit the color, decor, and technical requirements for hotel guest rooms, lobby, and common areas. Choose from their 9600 Series cordless and 3300 Series corded models in analog or VoIP with optional color accent handset kit options.
-  Viking is a provider of telephone accessories, entry controllers and door boxes, apartment entry systems, elevator access and communication devices, industrial paging and telephony control devices.

## UC ADD-ONS AND SOFTWARE APPLICATIONS

-  AdvaTel is a leader in many specialist disciplines in the development of value-added solutions within the telecommunications and contact center industries. Their solutions range from real-time analytics reporting to SIP based telephony attendant consoles, marketed globally through its cross sections of industry business partners.
-  CI is a developer of Interactive Voice Response (IVR), Computer Telephony Integration (CTI), Web-IVR integration and voicemail unified messaging into vertical and general business solutions.
-  Calero offers a wide range of Communications Lifecycle Management (CLM) solutions designed to turn communications data into actionable insight by simplifying the management of voice, mobile and other unified communications (UC) services and assets.
-  DATEL Software Solutions, LLC creates innovative, user-friendly, contact center and call accounting solutions at an affordable price. DATEL has displaced many traditional reporting packages and carved out a niche in the telecommunications software industry.
-  DuVoice is a developer of stand-alone voicemail systems, messaging system software and turnkey systems for general business office environment and the hotel/motel industry.
-  Edge provides services for complex implementation of Unified Communications, Contact Center, and networking solutions.
-  EnGenius products are designed for the SMB and large enterprise markets, providing long-range wireless communications solutions in demanding business environments including indoor/outdoor wireless LAN products, client bridge access points, multi-gig switches, and routers.
-  Market leader in innovating and producing cost-effective, high-quality hardware and software-based telecommunications solutions that can be used by any business.
-  Mutare is an independent software developer driven by a passion to make information access easier. Mutare writes software solutions to unify communications specializing in messaging, mobile apps, self-service IVR and notification systems.
-  PICA Product Development, formerly known as Nel-Tech Labs is a USA manufacturer of audio messaging systems. These devices provide solutions for various applications including: Music and Message On Hold, Business Music and Timed/Triggered Messaging.
-  Trisys is a designer of employee productivity and resource software that lets management clearly identify how employees utilize their time for business and non-business purposes.



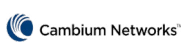
ADTRAN is an established supplier of advanced transmission products for connecting and integrating today's expansive telecommunications networks developed to address high-speed, digital communication. Products include solutions for IP telephony/VoIP, networking equipment solutions, enterprise wireless solutions, including delivering cloud connectivity via high-performance, secure and reliable solutions.



Altronix Corporation designs and manufactures high quality low voltage electronics for the video surveillance, security, fire, access control and automation markets.



AudioCodes designs, manufactures, and sells advanced Voice over IP and converged VoIP and data networking products, applications and professional services to global enterprises, medium and small businesses, as well as to service providers. Their extensive product range includes IP phones, session border controllers (SBCs), media gateways, mobile VoIP clients, multi-service business routers (MSBRs), routing applications, call recording, voice dialing, and more.



Cambium Networks enables service providers; enterprises; governmental and military agencies; oil, gas and utility companies; Internet service providers; and public safety organizations to build powerful communications networks, reach users from 200 kilometers across mountain tops down to their devices, and intelligently manage their business Wi-Fi infrastructure through end-to-end network visibility and actionable analytics.



ComNet is a manufacturer of audio, video, data and Ethernet communication products. ComNet focuses on providing innovative communications networking solutions to the Security Market, Intelligent Transportation System Markets and Power Transportation and Distribution Market. The product line consists of fiber optic video, data and audio transmission products as well as a broad Fiber Optic, Wireless and Copper media Ethernet product line and designed from the start to set the standard for transmission products in the markets ComNet competes in.



Dell empowers countries, communities, customers and people everywhere to use technology to realize their dreams. Customers trust them to deliver technology solutions that help them do and achieve more, whether they are at home, work, school or anywhere in their world.



Ribbon Communications is a market leader in enabling IP-based voice, video and data services. Service providers and enterprises of all sizes use Ribbon Communications solutions to simplify customer premise configurations for quick and smooth installations, reduce time to market and deliver rapid return on invested capital. The company helps customers deliver intelligence at the network edge with its Network Edge Orchestration platform that includes Intelligent Edge ESBCs and QuickConnect certification program, and the EdgeView Service Control Center.



Extreme Networks delivers software-driven networking solutions that help IT departments everywhere deliver the ultimate business outcome: stronger connections with customers, partners, and employees.



FatPipe® Networks invented the concept of software-defined wide area networking (SD-WAN) and hybrid WANs that eliminate the need for hardware and software, or cooperation from ISPs and allows companies and service providers to control multi-link network traffic. FatPipe currently has 10 U.S. patents and more than 180 technology claims related to multipath, software-defined networking and selective encryption of broadband networks. FatPipe technology provides the world's best intra-corporate wide area network solutions that transcend Internet and other network failures to maintain business continuity and high transmission security. FatPipe, with several thousand customers, has offices in the United States and around the world, with more than 700 resellers worldwide including almost all national resellers in the US.



Engenius offers products designed for the SME market providing long-range wireless communications solutions in demanding business environments, including indoor/outdoor wireless LAN products, client bridge access points and routers.



KTI Networks is a manufacturer of a broad range of network products which include network interface cards, transceivers, media converters and switches.



Multi-link is a manufacturer dedicated to the development and marketing of high quality telecommunications devices, including remote power management and fax phone switch devices, for a wide variety of commercial and government applications.



MultiTech is a global manufacturer of award-winning external and embedded modems, and unified communications products that connect data over cellular and analog networks from anywhere in the world.



NETGEAR is a manufacturer of routers and gateways, Ethernet bridges, VoIP access points, managed and unmanaged gigabit switches, VPN firewall routers and PoE switching devices.



NVT Phybridge is the leader in long reach PoE, making IP connections in far places simple. Their CHARIoT series of long reach switches helps their customers migrate to an IP-based network, transforming the existing or new infrastructure into an IP path with power.



Sangoma is a leader in enterprise, value-based communications, delivering industry-leading quality at price points that enhance customers' ROI. They offer businesses of all sizes affordable cloud-based and on-premise Unified Communications (UC) systems with enterprise caliber features.



Surecall manufactures and sells a line of high-quality cellular amplifiers and accessories for the cell phone market. Their current flagship products are the SureCall™ line of FCC-approved signal amplifiers, which boost the range and reception of almost any call.



Veloso is a Jenne, Inc. exclusive brand of High Performance Optics and Connectivity Solutions, offering competitive pricing and above average margin opportunities. Solutions consist of transceivers and high speed cabling for Network connectivity, Server connectivity, and Storage Arrays-Fiber channel for most OEM brands. Other products available consist of NIC Cards, Media Converters, and Multiplexers.



Zyxel is a supplier of broadband access and networking solutions for service providers, business and residential customers. Their enterprise-class product line includes security appliances, managed smart switches, wireless access points and VoIP solutions.





Accutech Security is a leading manufacturer of advanced electronic monitoring and security systems. Their specialized, security systems are actively installed in more than 5,000 healthcare facilities across the world. As a leading manufacturer of security systems for over 35 years, Accutech continues to provide innovative, reliable and cost-effective solutions for the safety of patients and residents worldwide.



The Advidia line of IP network video surveillance cameras provides a wide range of affordable IP camera models that are perfect for video surveillance projects of any size. Each Advidia camera comes bundled with a free copy of Video Insight Enterprise Video Management Software, a 4-year warranty, and free software updates for the life of the camera.



Algo is a trusted supplier and partner in telecommunications, with millions of IP endpoints, including PoE speakers, horns, paging adapters, strobes, push buttons, doorphone/intercoms, and specialty handsets, shipped globally.



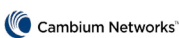
Altronix Corporation is a leading designer and manufacturer of low voltage electronic components. Altronix offers a comprehensive line of security, fire, CCTV, access, nurse call and automation products.



APC is a manufacturer of network-critical physical infrastructure (NCPI) solutions, designed for both home and corporate environments of all sizes.



AXTON is a manufacturer of professional infrared illuminators and white light. They are dedicated to simplifying illumination solutions for CCTV professionals, incorporating rapidly developing technologies and concepts into their products.



Cambium Networks enables service providers; enterprises; governmental and military agencies; oil, gas and utility companies; Internet service providers; and public safety organizations to build powerful communications networks, reach users from 200 kilometers across mountain tops down to their devices, and intelligently manage their business Wi-Fi infrastructure through end-to-end network visibility and actionable analytics.



Channel Vision is a leading manufacturer of RF video distribution products, structured wiring enclosures and modules, security cameras and high performance audio/video distribution systems.



Code Blue is well known for their durable Help Points®, but they offer more than just a phone and a light. Users can build a complete end-to-end system that will serve them before, during and after an event. With their robust Software Development Kits (SDK), unlimited mounting and configuration options, and dozens of security and technology partners, Code Blue is perfectly positioned to help you maximize the return on your investment.



Founded in 1962, Comm-core has evolved from an office products supply store to a leading innovator behind IP-based, hosted solutions. Leveraging their strengths in VoIP telecommunications, Comm-Core has taken the same knowledge and expertise and applied it to the security and surveillance markets.



Gai-Tronics is a provider of industrial handset, emergency hands-free telephone equipment and outdoor beacons.



Hanwha Techwin's line of security cameras deliver extraordinary capabilities in both image quality and day-to-day performance. They offer the industry's most comprehensive selection of analog and network cameras, including those marketed under the Wisenet name.



ImmerVision Enables is the open standard in delivering total 360° advanced immersive functionality in live and playback mode. Combined with cameras and software from leading manufacturer partners, panoramic lenses provide users with a complete view of their installations without blind spots, increasing situational awareness and improving response time.



ISONAS is the first access control company to design and manufacture a cutting-edge, IP-to-the-door solution that eliminates needless complexity. Their network-based PowerNet™ reader-controllers offer a patented technology that easily integrates with Windows-based software to deliver more simplicity, greater value, and total flexibility to go places you never thought possible.



Louroe Electronics' mission is to provide proprietary and patentable, market driven, high-quality audio capture and response technology. Their signature products include the Verifact® series of analog microphones and accessories, the Digifact™ line of IP microphones, and a suite of audio analytics that provide threat detection.



Moog Videolarm is recognized as the innovator of today's pressurized and bullet-resistant outdoor domes. They offer a wide assortment of cameras, illuminators, brackets and CCTV accessories.



NVT Phybridge is the leader in long reach PoE, making IP connections in far places simple. Their CHARIoT series of long reach switches helps their customers migrate to an IP-based network, transforming the existing or new infrastructure in to an IP path with power.



Panasonic i-PRO Sensing Solutions Corporation of America (PIPSA) was established on October 1, 2019, to provide comprehensive professional Security Surveillance, Public Safety and Medical Imaging solutions. Built on a history of innovation that spans over 60 years with Panasonic, they continue to expand their portfolio with advanced AI-driven software solutions to complement their renowned line of best-in-class imaging technologies and edge products.



Raytec Systems is a world leader in LED lighting, manufacturing a complete range of Infrared and White-Light LED illuminators for CCTV and Safety Critical applications. Raytec delivers outstanding performance together with low costs of ownership and maintenance.



Designed to meet the needs of any sized organization, the Razberi video surveillance platform is highly reliable, secure, and network-optimized for megapixel quality. Razberi's intelligent video solutions can be deployed in flexible combinations, with options for data center, edge, and rugged applications.



Spectrum Camera Solutions manufactures a full range of globally certified Explosion Proof camera systems to monitor any hazardous area. Founded in 2012, Spectrum Camera Solutions has an unparalleled background as a world leader in hazardous area vision systems for process, security, and safety, creating a new range of Explosion Proof cameras based on durable materials, innovative engineering, and operational excellence.



Status Solutions provides situational awareness solutions with expertise in vertical markets such as senior housing, healthcare, education and government.



STid is the leading manufacturer of instinctive, contactless security technologies - delivering high security solutions approved by independent certified organizations. They safeguard millions of users for over 500 worldwide partners and are proud to serve leaders in the business, governmental and industry sectors such as defense, healthcare, aerospace, naval, energy and IT.



Valcom provides the highest quality loudspeaker, paging and telecommunication system enhancement intercom products including page control interfaces, VoIP LAN/WAN connectivity, ceiling/wall speakers, paging horns, background music, Privacy Spot sound masking, power supplies and door entry systems.



Verint Video Intelligence Solutions is one of the industry's leading sources of networked video solutions for virtually every part of your video security operations.



Video Insight 7 is a powerful yet easy-to-use enterprise Video Management platform that allows organizations in education, law enforcement, healthcare, commercial, and transportation the ability to deploy a customized and robust security surveillance system.



ViewZ is a reputable OEM manufacturer of Professional-Grade LCD and LED monitors. Each ViewZ monitor is designed and built with superior components and durable materials which stand up to the harsh environment of non-stop, around the clock in security, digital signage and pro video production applications.

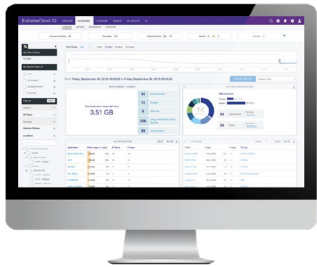


Zenitel Group is the world leading provider of intelligent communication solutions, focused on IP Intercom, Video Intercom, and Telephony Communications. Zenitel ensures seamless interoperability with IPBX and VoIP systems around the world.

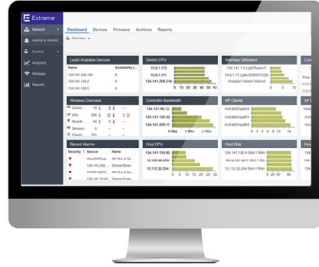
For complete product and ordering information view our searchable electronic catalog at: [www.jenne.com](http://www.jenne.com) • 800-422-6191

## ADVANCE WITH US

Extreme Networks, Inc. (EXTR) is the industry's first cloud-driven, end-to-end enterprise networking company. Our best-of-breed technology solutions, from the wireless and IoT edge to the data center, are flexible, agile, and secure to accelerate the digital transformation of our customers and provide them with the fastest path to the autonomous enterprise. Our 100% in-sourced services and support are number one in the industry. Even with 50,000 customers globally, including half of the Fortune 50 and some of the world's leading names in business, hospitality, retail, transportation and logistics, education, government, healthcare, and manufacturing, we remain nimble and responsive to ensure customer and partner success. We call this Customer-Driven Networking™. Founded in 1996, Extreme is headquartered in San Jose, California. For more information, visit Extreme's website or call 1-888-257-3000.



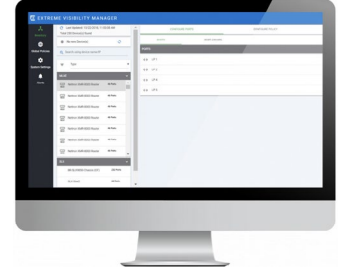
**ExtremeCloud IQ**  
Centralized cloud-management for the Extreme portfolio



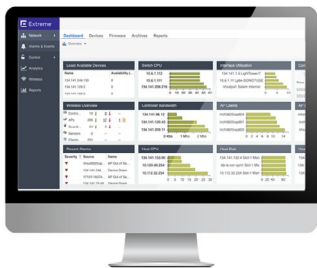
**ExtremeManagement**  
Comprehensive network management and assurance



**Extreme Session Director**  
Session-based intelligence for mobile operators



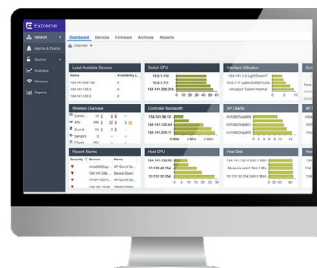
**Extreme Visibility Manager**  
Centralized management of MLX/SLX packet brokers



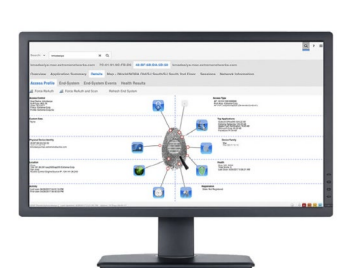
**Extreme Management Center**  
Single pane of glass management, control and analytics



**Extreme Fabric Automation**  
Automated provisioning of SLX IP fabrics



**ExtremeCloud NAC**  
Cloud-managed network access control (NAC)



**ExtremeControl**  
Granular policy-based control



**ExtremeAnalytics**  
Real-time network and application insights



**ExtremeLocation**  
Cloud-based location and analytics solution



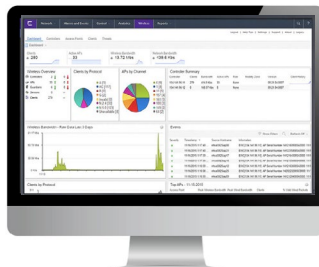
**ExtremeCompliance**  
Automated network configuration compliance solution



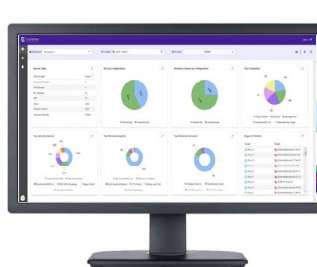
**ExtremeGuest**  
Guest access and analytics



**Extreme Physical Packet Broker**  
High capacity traffic monitoring



**Extreme Virtual Packet Broker**  
Scalable visibility and monitoring for virtual networks



**Extreme AirDefense**  
Wireless intrusion prevention system



**Extreme Defender for IoT**  
Secures mission critical and/or vulnerable IoT devices

## ADVANCE WITH US



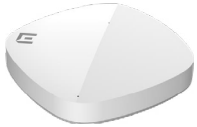
**AP305C/AP305XC**  
 Wi-Fi 6 (802.11ax) cloud managed 2x2 dual software defined radio indoor access point



**AP310i/e**  
 Wi-Fi 6 (802.11ax) 2x2 dual software defined radio indoor access point



**AP410i/e**  
 Wi-Fi 6 (802.11ax) 4x4 triradio indoor access point



**AP410C**  
 Wi-Fi 6 (802.11ax) cloud managed 4x4 tri-radio indoor access point



**AP505**  
 Wi-Fi 6 (802.11ax) 4x4 dual radio indoor access point



**AP510i/e**  
 Wi-Fi 6 (802.11ax) 4x4, 4x4 dual software defined radio indoor access point



**AP510c/xc**  
 Wi-Fi 6 (802.11ax) cloud managed 4x4, 4x4 dual software defined radio indoor access point



**AP360i/e**  
 Wi-Fi 6 (802.11ax) 2x2 dual software defined radio outdoor access point



**AP460C**  
 Wi-Fi 6 (802.11ax) Cloud Managed 4x4 tri-radio outdoor access point



**AP560i/h**  
 Wi-Fi 6 (802.11ax) 4x4 dual software defined radio outdoor access point



**AP150w**  
 Enterprise-grade, wallplate, 802.11acw 2x3x3 access point and switch



**AP30**  
 The first enterprise pluggable access point



**NX5500, NX7500, NX9600, VX9000 WiNG Controllers**  
 Virtual or physical appliances provide comprehensive cloudready wireless services from a single point of control for any size



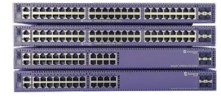
**Extreme Campus Controller**  
 Wired and wireless orchestration for campus deployments



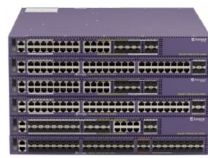
**X435**  
 Standalone switches for edge, branch and small site deployment



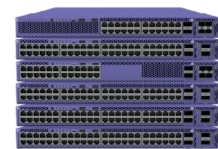
**X440-G2**  
 Cost-effective edge and access switch



**X450-G2**  
 Advanced edge and access switch



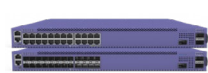
**X460-G2**  
 Scalable edge/aggregation switch



**X465**  
 Premium stackable edge and aggregation switch



**X480**  
 Stackable intelligent edge switch



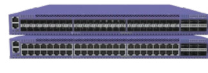
**X590**  
 24-port 10GbE aggregation switch



**X620**  
 Compact 10GbE edge switch



**X670-G2**  
 48- and 72-port 10GbE aggregation switch



**X690**  
 48-port 10GbE aggregation switch



**X695**  
 Fixed-format 10/25GbE aggregation switch



**X770**  
 40/10GbE core/aggregation switch



**X870**  
 100/40GbE core/aggregation switch



**V300**  
 Simplified edge switch centrally powered by ExtremeXOS



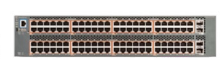
**V400**  
 Simplified edge switch centrally powered by ExtremeXOS



**ERS 3000**  
 1/10 GbE wiring closet stackable switches for small to mid-sized businesses



**ERS 4900**  
 1/10 GbE wiring closet stackable switches with optional PoE+ support



**ERS 5900**  
 Multi-rate wiring closet stackable switches with optional PoE++ support



**ExtremeAccess Platform VSP 4900**  
 Compact WAN access devices for distributed networks



**VSP 4000**  
 Compact fixed form aggregation, metro edge or WAN access switches



**VSP 4000**  
 Compact modular aggregation, metro edge or WAN access switches



**VSP 7200**  
 Compact fixed form 10/40 Gigabit core/aggregation switches



**VSP 7400**  
 Compact fixed form 25/100 Gigabit core/aggregation switches



**VSP 8200**  
 Compact fixed form 10/40 Gigabit core/aggregation switches





ADVANCE WITH US



**VSP 8400**  
Compact modular 10/40/100 Gigabit aggregation switch



**VSP 8600**  
High-density chassisbased modular Ethernet switch



**200 Series**  
Economical Gigabit access switch for enterprise and SMB



**SR2200 and SR2300**  
Enterprise cloudmanaged access switches



**ISW Series Industrial Switches**  
Hardened switch for industrial deployments



**SLX 9030**  
Compact fixed form leaf switches



**SLX 9140**  
Compact fixed form leaf switch



**SLX 9240**  
Compact fixed form spine switch



**SLX 9150**  
Compact Fixed Form Leaf Switch



**SLX 9250**  
Compact Fixed Form Spine Switch



**VDX 6740**  
Compact Fixed Form Leaf Switch



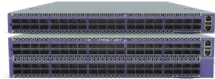
**VDX 6940**  
Compact Fixed Form Leaf and Spine Switches



**VDX 6940**  
Compact fixed form leaf and spine switches



**VDX 8770**  
High-density chassisbased modular ethernet switch



**SLX 9740**  
High-density 100 GbE fixed form factor router for border routing, border leaf and data center spine



**SLX 9640**  
High-performance compact fixed form router for WAN edge and border routing



**SLX 9540**  
Compact fixed form WAN edge router switch for WAN edge and border routing



**SLX 9540**  
Compact fixed form WAN edge router switch



**SLX 9850**  
High-density chassisbased modular data center spine, super spine and WAN edge router



**MLX Series Router**  
High-density chassisbased modular multiservice WAN edge router and network packet broker



**CER**  
Compact fixed form multi-service carrier Ethernet router



**SD-WAN XR200P**  
Branch Router Cloud-managed small-tomid enterprise SD-WAN router



**SD-WAN XR600P**  
Branch Router Cloud-managed mid-enterprise SD-WAN router



# ExtremeCloud™ IQ

Network Automation, Insight, and Assurance

## The Fastest Path to the Autonomous Enterprise

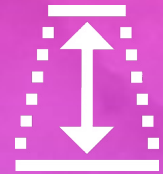
ExtremeCloud™ IQ helps organizations automate end-to-end, edge-to-DC network operations, unlock new analytics, scale faster, and secure and optimize the end-user and application experience.

## Why choose Extreme Networks?



### Breadth

End-to-End Enterprise; Edge to Data Center solutions for all of your customers' network needs.



### Depth

Management, intelligence, and assurance to optimize both your customers' networks and businesses.



### Quality

Real-time dev, continuous ML/AI innovation, and ISO27001 certified to accelerate and protect your customer's investment.



### Efficiency

Technology and business innovations that are 30% more cost effective to your customers than any other solution.



### Flexibility

Available in three deployment options - public/private/local cloud (or combination)

ADTRAN is a leading global provider of networking and communications equipment. We develop innovative technologies that make communications simpler and more affordable for people everywhere. Our business networking solutions include a full line of products and services that address the unique network connectivity needs of small and mid-size businesses as well as larger enterprise organizations. ADTRAN Ethernet Switches, Access Points, Routers and IP Business Gateways are enterprise-class and backed by industry-leading support and warranties.

## NetVanta Multiservice Access Routers

Looking for multiple networking functions in a single box solution? The NetVanta series switch-routers deliver affordable connectivity in one compact device. Integrated and versatile, these platforms are perfect for bandwidth-intensive applications including VoIP, Internet access and corporate LAN/WAN connectivity. Models feature a range of ports, interfaces, Power over Ethernet (PoE), CompactFlash slots and Quality of Service (QoS).



## NetVanta Fixed-Port Routers

The need for secure access to corporate information over the Internet is increasing and this series of cost-effective IP routing solutions for broadband networks makes it easy. These fixed-port routers feature a range of options and are full-featured, low-cost alternatives perfect for secure Internet access or high-speed corporate connectivity.



## NetVanta Modular Routers

ADTRAN's series of modular access routers provide connectivity for today's business needs and can help prepare for future growth. Get secure, cost-efficient Internet access, MPLS, Frame relay, point-to-point access, ADSL and VPN in variety of models backed with a 5-year warranty. NetVanta modular routers provide components to engineer a complete LAN/WAN connectivity solution between main and branch offices.



## eSession Border Controllers (eSBC)

ADTRAN delivers Enterprise Session Border Control (eSBC) across multiple IP business gateway and access router platforms. Their industry-leading software functionality gives them a unique position to upgrade existing equipment in the field, eliminating the burden of forklift upgrades and the expense of hardware re-certifications. ADTRAN's eSBC help seamlessly migrate from legacy communication services to newer, more modern IP technologies while providing carrier interoperability to your existing communication equipment for quicker service installation.



## IP Business Gateways

ADTRAN offers a full line of IP Business Gateways for converged IP networks. The Total Access 900/900e Series is ideal for networks transitioning to VoIP and offers a number of fixed-port configurations. All of these platforms provide SIP/MGCP-gateway functionality, support for a number of analog and digital interfaces for existing phone equipment, or for the combination of an IP PBX and an analog fax/phone or modem. Transparent proxy functionality and remote survivability provide backup capability for phone support in the event of a Wide Area Network (WAN) outage.



## NetVanta Gigabit Ethernet Switches

ADTRAN's portfolio of enterprise-class fully managed Gigabit PoE+ switches are the best switches for VoIP, delivering high voice fidelity, faster VoIP deployment, ease of management, and maximum network uptime. Ideal for new installations or network upgrades, these 8-, 24-, 48-port Gigabit switches can provide higher bandwidth for corporate and branch office LANs to support today's most bandwidth-intensive applications. The NetVanta Gigabit Ethernet Switches offer multi-layer switching and support SFP ports for optical connectivity. These switches are perfect for campus applications, Gigabit-to-the-Desktop, or as an aggregation switch, and offer optional PoE for powering 802.3af and 802.3at LAN devices.



## NetVanta Fiber Switches

Fiber optics extends the reach beyond the 100-meters limitation often associated with copper switchport interfaces. ADTRAN's all-fiber solution, extends the reach and offers redundancy, with virtual router redundancy protocol (VRRP) between buildings in campus environments or between wiring closets. The SFP ports support up to 2.5 Gbps per interface allowing for faster throughput between ADTRAN's fiber switches.



## Power over Ethernet (PoE)

Fully managed 8-, 24-, and 48-port Fast and Gigabit Power over Ethernet (PoE) switches are optimized for implementing data networks requiring PoE for IP phones, Wireless Access Points (WAPs), IP surveillance cameras, and other 802.3af and .at-powered devices. These products also offer a unique power conservation feature by powering down devices when not in use or scheduling when to turn off power after business hours to minimize security risks.



## Business Wi-Fi

ADTRAN's Business Wi-Fi Solutions offer a better Wi-Fi experience for businesses of all sizes. With lower costs on enterprise-class access points and customizable cloud management, you can create an experience that best fits the needs and budget of your organization.



With ADTRAN **Express Cloud**, leverage the power and simplicity of 100% cloud-managed Wi-Fi, without a subscription. Express Cloud is included with each enterprise-class access point. Upgrade to ADTRAN **Elite Cloud** to include advanced features and unparalleled flexibility in deployment options. Both ADTRAN Express and Elite Cloud include machine-learning-powered, self-optimizing and healing networks.

Specializing in providing an end-to-end wireless fabric of reliable, scalable, secure, cloud-managed platforms that perform under demanding conditions, Cambium Networks empowers service providers, enterprises, and industrial and government network operators to build intelligent edge connectivity. Cambium Networks' commitment to continuous innovation and social responsibility in wireless access is demonstrated in the millions of radios deployed in thousands of networks that benefit communities around the world.

### cnPilot™ Wi-Fi

cnPilot 802.11ac Wave 2 Wi-Fi products offer secure, scalable, cloud-managed solutions for home, small business, and both indoor and outdoor enterprise local Wi-Fi network applications. cnMaestro™ is a cloud-based or on-premises software platform for secure, end-to-end network control.



### cnMaestro

Wireless network manager simplifies device management by offering full network visibility and zero touch provisioning.



### cnMatrix™ Switches

cnMatrix switches simplify network deployment and operation with an affordable, feature rich, high quality unified wired/wireless enterprise grade network.



### ePMP™ and PMP Distribution Networks

Applications supported include data and file transfer, voice, streaming video, and video surveillance. These PMP wireless broadband networks scale from small deployments to connect remote areas to community-wide deployments with thousands of subscribers.



### PTP Backhaul and Licensed Microwave

Covering the full range of radio frequencies, applications, and budgets, the PTP ethernet backhaul series is designed to perform in the real world and tested to prove it under harsh conditions. Cambium PTP Solutions feature MIMO, Line of sight (LOS) and more that meet the 802.11ac standard.



### Xirrus WiFi

Xirrus' innovative wireless solutions provide a highly scalable platform to meet the ever-growing demand for wireless everywhere—from small businesses to large public venues. Xirrus access points leverage an integrated intelligent controller, a unique multi-radio platform, and software-defined radios (SDR) to ensure pervasive, high-quality connections and optimized spectrum reuse. Supporting up to 960 wireless client connections and a maximum RF PHY rate up to 13.8 Gbps in a single AP, Xirrus solutions are truly differentiated in a market flooded by "me-too" products.



### cnVision

cnVision is a new purpose-built wireless backhaul solution for video transport. cnVision solutions incorporate the latest encryption technologies and security practices, a proprietary over the air protocol to support predictable performance under adverse conditions, ONVIF (Open Network Video Interface Forum) integration for additional troubleshooting and support for leading VMS (Video Management Systems) platforms. Additionally, cnVision comes with industry leading 3-year standard warranty and 24/7 support.



## Software-Defined Networking for Hybrid Multi-Line Wide Area Networks with High Security

FatPipe®, the inventor and multiple patents holder of software-defined wide area networking (SD-WAN), reliability, security, and WAN Optimization products, specializes in providing solutions that transcend Wide Area Network (WAN) failures to maintain business continuity for thousands of customers including numerous Fortune 1000 customers over the last 12 years, and has the largest installed base of customers in software-defined network WANs.

MPVPN®	IPVPN
ENTERPRISEVIEW®	XTREME
FATPIPE SYMPHONY (SD-WAN)	WARP
WAN OPTIMIZATION	CLOUD CONNECT

## NVT PHYBRIDGE

NVT Phybridge is a global leader in Power over Long Reach Ethernet solutions, making IP connections simple, secure, and cost-effective. NVT Phybridge strives to help organizations maximize their IoT return on investment by providing high-quality PoE solutions that are robust, secure, and simple to implement. The award-winning CHARIoT series of long reach PoE switches and extenders help customers modernize to an IP-based network, transforming existing or new infrastructure into an IP path with power. NVT Phybridge is a North American-based technology company with global reach dedicated to practical innovation. The number one priority is bringing innovative and affordable solutions to market that are technologically advanced as well as practical for the customer.

### NVT Phybridge CHARIoT - Enabling

IP Devices and the Internet of Things

The NVT Phybridge CHARIoT Series is comprised of three distinct product families of long reach Power over Ethernet switches and extenders. Leverage any new or existing cabling infrastructure to deploy IP/IoT endpoints without high costs, complexity, or disruption. CHARIoT products are manufactured in North America and include managed switches, unmanaged switches, and single-port extender solutions.



### NVT Phybridge CLEER - Ethernet over Coax

The NVT Phybridge CLEER family of switches and extenders deliver Ethernet and PoE+ over a single coax cable with up to 6,000ft (1,830m) reach, that's 18-times farther than standard solutions. The CLEER family includes a 24-port managed switch, a 10-port unmanaged switch, and single port extender solutions to meet the needs of any-sized organization. CLEER products come with robust power management capabilities and a simple-to-use GUI interface.



### NVT Phybridge FLEX - Long Reach PoE over Multi-Pair UTP

The NVT Phybridge FLEX family of switches and extenders deliver Ethernet and PoE++ over multi-pair UTP cable with up to 2,000ft (610m) reach, that's 6-times farther than standard solutions. The FLEX family includes a 24-port managed switch, an 8-port unmanaged switch, and single port extender solutions to meet the needs of any-sized organization. FLEX products come with robust power management capabilities and a simple-to-use GUI interface.



### NVT Phybridge PoLRE® - Long Reach PoE over Single-Pair UTP

The NVT Phybridge PoLRE family of long reach PoE switches deliver Ethernet and PoE over single-pair UTP cable with up to 1,200ft (365m) reach, that's 4-times farther than standard solutions. The PoLRE family includes a 24-port managed switch, a 48-port managed switch, and an 8-port unmanaged switch to meet the needs of any-sized organization. PoLRE products come with robust power management capabilities and a simple-to-use GUI interface.







Founded in 1987, Multi-Link, Inc. is a Kentucky-based manufacturer dedicated to the development and marketing of high-quality telecommunications devices, including remote power management and fax phone switch devices, for a wide variety of commercial and government applications. As the premier company in telephone line sharing products, thousands of companies utilize Multi-Link devices to reduce their telecommunications cost through more efficient use of phone lines. Many of our customers have achieved millions of dollars in telecommunication costs savings and most customers achieve their ROI in less than 90 days.

**THE STICK®**

The Stick automatically screens and routes all incoming voice, fax, and modem calls to the right equipment every time so there is no need for multiple costly phone lines. Get more value out of your phone lines— telecom costs can be dramatically slashed with a ROI of months, not years!



**ZipLink® Series**

Don't let "Last Mile" obstacles derail your Datacom installation project or bust your budget. Avoid trenching to hard to reach remote sites with the ZipLink Series, Wireless POTS Line & Ethernet Extenders from Multi-Link.



**ACP Series 2.0**

The ACP Series 2.0 enables businesses to communicate with remote telecom and network assets more efficiently and securely while cutting costs. The ACP automatically routes calls to phone, fax, or dial-up modems, ensuring that the right resource is reached the first time. This consistent connectivity prevents time-consuming dial-backs and streamlines polling and data acquisition processes.



**FaxFinder®**

The FaxFinder® all-in-one fax server provides distributed faxing capabilities, over a WAN, from a corporate office to small remote offices as well as to field sales people. The analog models are ideal for connecting to POTS lines and phone systems through analog station ports. Analog models are also compatible with etherFAX®, IP phone systems and IP trunks when IP channel upgrades are leveraged. The FaxFinder® IP fax server is a centrally located solution that lowers the cost of fax operations by enabling users to send and receive faxes electronically through a SIP trunk interface with T.38. The FaxFinder IP supports 2-channels of simultaneous faxes and can be upgraded to 24-channels using the FF240-IP-UPGRADE codes. All FaxFinder IP hardware (FF240-IP-2 & FF240-IP-2.R1) and channel upgrades are compatible with the etherFAX® network, providing users a dedicated fax network built for speed, reliability and security. While SIP/T.38 faxing is still available, MultiTech has selected etherFAX as the preferred method of fax transport with FaxFinder IP.



**Cellular Modems & Routers**

MultiTech's comprehensive portfolio of cellular modems and routers offer the quickest time to market because they're virtually plug-and-play to get your IoT or M2M application communicating immediately. This portfolio of cellular connectivity products offers the industry's most cost effective approach to remote device management and shared design approach across multiple cellular technologies including LTE Cat 4, Cat 1, Cat M1/NB-IoT and 3G. Fully certified, carrier approved and several chassis options are available to meet a variety of application needs.



Vault America provides market-leading data protection solutions helping businesses securely backup, recover, archive, and discover their data. Vault America is channel-only and simplifies securing, protecting, and managing client information.

**MICROSOFT 365 SUITE / GOOGLE WORKSPACE SUITE CLOUD BACKUP + ARCHIVE + RECOVERY**

The perfect archiving solution for businesses that need to meet regulatory compliance requirements or need email securely archived and easily accessible with a service that's fast and scalable. Emails are archived using the journal mailbox ensuring all emails are archived without fail. Several features include advanced search and eDiscovery, alert creation, user access control management and attachment managers, and advanced reporting via insights. Vault America Cloud Archive and Discovery for Microsoft Office 365 (O365: Email, Contacts, Tasks, Calendar, OneDrive, SharePoint), Microsoft Exchange Server, Microsoft Hosted Exchange, Microsoft Outlook, Google Apps/ G Suite/ Gmail, and all SMTP/ POP email systems.



**Reseller Partner Program Overview**

Vault America offers unique, powerful partner programs that are designed for select partners who are interested in creating and capitalizing on recurring revenue opportunities. The following two partner programs are offered:

**Wholesale Partner Program**

Highest margin, partner invoices and provides first level support to customers.

**Agent Partner Program**

Earn significant monthly commissions. Vault America invoices and provides customer support.

**Partner Program Benefits & Highlights:**

- Access to the Vault America Partner Portal
- Remote Deployment Technical Resources Available
- Comprehensive Solution Training and Customer Support
- Customer Trials
- Sales and Marketing Resources
- Joint Business Planning with Dedicated Partner Development Managers

**LAPTOP / DESKTOP / SERVER CLOUD BACKUP + ARCHIVE + RECOVERY**

The ideal solution for businesses, large or small, Vault America Cloud Backup & Recovery is designed with simplicity in mind. Daily incremental backups of Windows, Mac OS X, and Linux OS servers, desktops, laptops, and tablets with customizable retentions, bare-metal recovery, and local backup without costly appliances. Backup and restore files, folders, databases, and the system-image.



Veloso™ is a high quality brand for Optics with competitive pricing and above average margin opportunities. Solutions consist of transceivers and high speed cabling for Network connectivity, Server connectivity, and Storage Arrays-Fiber channel for most OEM brands. Other products available consist of NIC Cards, Media Converters, and Multiplexers. Each product is system specific qualified and tested before delivery. Less than .03% failure rate, one of the best in the industry. Custom solutions available such as Dual OEM cables, extra-long distances, Bi-Directional and DWDM to name a few. All products come with a lifetime warranty.

**Transceivers**

Veloso™ supply OEM compatible transceivers from Adtran to Zyxel. Our transceivers seamlessly scale any network, while offering quality that exceeds the OEM. Transceivers help expand network reach, increase bandwidth, and improve network performance - ALL without voiding SmartNet or any additional SLA.

**DAC**

Connecting two different switches is now simple by Veloso™'s Dual Compatible Direct Attach Cables. Now you can connect a Cisco to a HP switch with one high-speed cable without replacing your whole network system. Our direct attach cable line comes in lengths up to 15 meters for copper (Twinax, CX4) or up to 100 meters for fiber (AOC). We offer both active and passive solutions for copper cables.

# NETGEAR<sup>®</sup>

## BUSINESS

### Powerful connectivity to maximize your productivity, profitability, and potential.

NETGEAR introduces you to a new era in business IT. An era that utilizes over 20 years of industry-leading innovation to provide a perfected, modern IT infrastructure that meets the demands of today's explosion in mobile and cloud computing while providing enterprise features that are truly affordable.

When it comes to business, you can confidently rely on the most trusted name in networking to reduce costs, maximize productivity, bring products and services to market faster, and satisfy your customers for repeat engagement.

#### Single dashboard remote management with Insight Pro

- Multi-clients, multi-location, multi-role
- Alerts, monitoring and management of Insight devices
- Easy set up, configuration of switches, wireless AP, storage, VPN routers
- Advanced PoE configuration, scheduling, per port on/off



#### Smart Cloud/Smart Pro Switches

- Powerful L2 and L3 lite features
- Great PoE functionality, VLAN, QoS, security
- Smart Cloud with local or remote management out of the box
- Most recent Smart Pro with remote management option available
- High reliability and manageability



#### Fully Managed Switches for IT and AV over IP

- From Gigabit to 100-Gigabit speeds (including 10G, 25G, 40G or 50G)
- Copper or Fiber or combination of both
- Spine and leaf stacking for non-stop availability
- NMS300 management platform
- Pre-configured multicast and IGMP for plug-and-play installation for AV over IP



#### Multi-Gig Switches

- 5-speed ports with 1G, 2.5G, 5G or 10G on each port, auto-sensing
- Go beyond 1G with existing Cat5E cabling
- Ideal for 2.5G wireless connectivity at full speed
- Full flexibility in device speed and connectivity



#### Remote Managed Wi-Fi Line-up

- Full line up with increasing performance and coverage
- Local or remote management
- Power and channel optimization, great roaming, advanced wireless features
- Instant Mesh for wire-free installation or expansion on the top of the line models with VLAN management



#### 10-Gigabit Switches

- NETGEAR, leader in the 10G business switching market
- From 8 to 96 ports, 1U or half width
- Large portfolio for all business IT or AV over IP needs
- All management types and modularity



#### High-Density ReadyNAS Storage

- Highest density rackmount storage portfolio
- 5 level of security for complete peace of mind
- Cloud backup, remote management and file access
- Desktop or rackmount portfolio to fit any needs



#### Orbi Pro

- Tri-band Business Mesh WiFi with dedicated backhaul for optimal speeds
- Easy installation, ideal for smaller businesses that cannot run cables or need fast installation
- Integrated 4-port Gigabit switch in each satellite or router
- Includes router capabilities and additional satellites for large coverage



#### Wi-Fi 6 WAX610 and WAX610Y

- WiFi 6 dual-band AX1800 indoor and outdoor access point
- 4 streams of WiFi 6 with speeds up to 1.8 Gb
- 2.5 Gbps Ethernet port with PoE for high speed and easy wiring
- Seamless roaming between multiple WAX610 and other NETGEAR Business APs
- Dual-band wireless mesh for wire-free installation with other WAX610, WAX610Y and WAC540 or WAC564
- Insight remote management for easy setup and configuration
- Ideal for offices, schools, hotels, restaurants, health clinics and more



#### Orbi Pro Wi-Fi 6

- 100% Faster: Orbi Pro WiFi 6 AX6000 vs. Orbi Pro WiFi 5 AC3000
- 4 SSIDs for secure, separate WiFi networks
- 6,000 sq. ft. coverage (expandable to 18,000 sq. ft. with 4 additional satellites)
- 2.5Gbps Ethernet for multi-gigabit broadband connection and 4 gigabit Ethernet ports
- Set up and customize your Orbi Pro wirelessly in minutes with Insight remote management
- Ideal for home office, retail, coffee shops, small businesses and offices





Ribbon Communications, formerly Edgewater Networks a leading provider of Enterprise Session Border Controllers, develops products that ensure the secure and reliable delivery of IP based voice and video for service providers and enterprises. Ribbon Communications' products offer proven network and operational savings from the customer premises to the core of the network.

### EdgeMarc 2900e/a

Winner of the 2017 Communications Solutions Product of the Year Award, the EdgeMarc 2900 series of Intelligent Edge devices enables enterprises and service providers to futureproof their SIP trunking and



Unified Communications deployments, providing a highly flexible, scalable, and secure platform for service delivery and ongoing service quality management. The 2900e offers dual Ethernet and Optical WAN connections to extend the capabilities of Ribbon Communications Edge Orchestration platform, supporting WAN connections up to 1 Gbps and 300 concurrent calls. Other products in the 2900 series of Intelligent Edge devices include the EdgeMarc 2900a. The EdgeMarc 2900a adds both outbound and inbound analog line (FXO/FXS) support for applications such as PSTN fail-over, fax, and overhead paging.

### EdgeMarc 2900e/a PoE

Ribbon Communications EdgeMarc 2900e Power over Ethernet (PoE) Intelligent Edge devices are ideally suited for Hosted PBX applications that require PoE functionality to power IP endpoints. This solution enables service providers to easily support locations with less than 12 phones with a single device (larger implementations can utilize external PoE switches). Stay tuned for more information on future releases from our PoE series with the forthcoming arrival of the 2900a PoE that will add both inbound and outbound analog (FXO/FXS) to the PoE series.



### EdgeMarc 4806

Ribbon Communications EdgeMarc Multi-Service Gateways provides both PSTN gateway functions to support PRI and analog trunks, as well as an Enterprise Session Border Controller (ESBC) for security and Quality of Service (QoS) management of VoIP services. WAN interfaces include both Ethernet and optical, enabling the EdgeMarc 4806 to operate as an optical termination device. Ribbon Communications EdgeMarc 4806 are optimized to support the demanding needs of enterprises, supporting 1 Gb/sec symmetric WAN connections with up to 200 concurrent calls.



### EdgeMarc 4808

Ribbon Communications EdgeMarc Multi-Service Gateways provides both PSTN gateway functions to support PRI and analog trunks, as well as an Enterprise Session Border Controller (ESBC) for security and Quality of Service (QoS) management of VoIP services. WAN interfaces include both Ethernet and optical, enabling the EdgeMarc 4808 to operate as an optical termination device. Ribbon Communications and EdgeMarc 4808 are optimized to support the demanding needs of enterprises, supporting 1 Gb/sec symmetric WAN connections with up to 500 concurrent calls.



### EdgeMarc 6000

The Ribbon EdgeMarc 6000 is the newest addition to the Intelligent Edge family. It acts as a flexible demarcation/service insertion/control point device with physical telephony ports and power to run multiple virtual network functions (VNFs). This network device can connect to a variety of digital and analog legacy systems. Its ARM -based architecture reduces capital expense while automated "zero touch" provisioning, remote monitoring and management reduce operating expense. The EdgeMarc 6000 has plenty of room to run VNFs to meet customer-specific needs and has a 300 concurrent session call capacity.



### EdgeMarc 7301

The EdgeMarc 7301 combines advanced voice and data features alongside a full suite of networking capabilities into a single, easy to use enterprise session border controller. The EdgeMarc 7301 delivers superior performance for multiple simultaneous services including voice, voice quality monitoring, traffic management, high capacity data throughput and firewall. It is the ideal solution for medium business, large enterprise, and service provider managed services.



### EdgeMarc Skype for Business

Ribbon Communications EdgeMarc Skype for Business Edition provides the capabilities you need to support the demands of Microsoft Skype for Business implementations.



It delivers superior performance for security and protection of SIP traffic, as well as provides traffic shaping, firewall, and voice quality monitoring. The EdgeMarc Skype for Business Edition is ideal for small to midsize implementations requiring up to 500 concurrent call sessions.

### EdgeView Service Control Center

Network Edge Orchestration is a hybrid cloud/edge approach for security, service management and analytics of real time communications services. It is cost effective delivery model for service providers selling Hosted PBX or SIP Trunking to customers of any size. The cloud-based EdgeView Service Control Center offers a central interface to manage service quality from the network core to IP endpoints, collect service quality data for reporting and analytics, and troubleshoot and remediate service quality issues. The EdgeView Service Control Center complements any network infrastructure to give service providers the most complete view of their customers' communications networks, from the core to the edge. Using EdgeView Service Control Center, service providers can substantially decrease the deployment time required to get a customer's VoIP network online, as well as minimize escalations and truck rolls, increase margins, and reduce operational expenses.

#### BENEFITS:

Central monitoring and management of all customers' premises network traffic. Vendor agnostic - Seamless interoperability allows for deployment in any network configuration.

#### Enables:

- Faster installations
- Quick problem diagnosis and remediation
- Fewer truck rolls
- Lower operational expenses
- Increased network visibility
- Increased margins

#### END-TO-END SOLUTIONS

The customer premises-based EdgeMarc Intelligent Edge offers zero-touch provisioning and configuration, security, active service quality management, and provides complete visibility into service quality on both the service provider WAN and customer LAN. EdgeMarc Intelligent Edges manage traffic on both the customer LAN and WAN (service provider owned or Over the Top), offering zero-touch provisioning and configuration, security, and active management of service quality. EdgeMarcs communicate service and network quality metrics to the EdgeView Service Control Center, offering service providers greater visibility and control at the customer edge.

#### ADDITIONAL SERVICE MODULES

- EdgeView VoIP Analytics - Detailed analysis of system performance, operation health, and diagnostics. Gathers data and generates reports based on: the entire networks, region, customer, and specific EdgeMarcs. Collects and synthesizes historical data to provide actionable metrics for inferences based on key information trends, patterns and behaviours of system and network characteristics, and generates network and system based SLA reports.
- EdgeView Report Server - Delivers a real-time customizable reports of converged networks based on the data collected from EdgeMarc Intelligent Edges. Offers users a comprehensive library of reports that enables network operators to quickly retrieve summary and detailed call quality performance metrics, by individual site, multiple sites, or groups of sites.



# i-PRO

From the company that brought you the first security camera in 1957 and invented over a dozen industry standards, Panasonic i-PRO provides industry-leading solutions to capture, record, manage and analyze surveillance video. i-PRO provides a comprehensive lineup of video surveillance products and solutions that offer high-quality pictures, mission-critical reliability and the industry's lowest total cost of ownership. When it counts, you can count on i-PRO's video surveillance products and systems to deliver.



## i-PRO Extreme Technology

Panasonic i-PRO provides a lineup of H.265 i-PRO Extreme cameras, NVR servers, embedded recorders unified through its Video Insight video management software. This complete security ecosystem delivers extreme visibility performance, extreme compression aided by SmartCoding technology, extreme analytics utilizing i-VMD, extreme reliability for mission-critical operation and extreme data security that fully protects your IP infrastructure.

## Extreme Camera Options

Panasonic i-PRO offers a wide range of IP cameras including high performance fixed, domes, multi-sensors, and PTZ models. These cameras are offered with a variety of features, such as full H.265 compatibility, built-in image stabilization, IR illumination, color night vision, edge-based analytics, and vandal and weather ratings. With i-PRO there is a camera to fit every security need.

## Extreme H.265 Recorders

Introducing a completely new lineup of i-PRO Extreme embedded recorders featuring full H.265/H.264 recording, field upgradable channel expansion, built-in camera management and viewing software that delivers a complete PC-less solution when used with i-PRO cameras and encoders. All i-PRO recorders can be the core of a larger system when used with i-PRO's powerful WV-ASM300 management software delivering a fully secure end-to-end IP surveillance solution.

## FacePRO, Advanced Facial Recognition

Panasonic i-PRO is proud to offer an accurate facial recognition platform that can automatically match an individual's face using live or recorded videos gathered from compatible i-PRO cameras. FacePRO quickly and accurately compares the collected images from these cameras against a database of millions of faces in seconds, providing notifications, alerts and even actions based on face matches.

## Housing and Brackets

From smoke dome and wall or pendant mountings to indoor/ outdoor options and brackets / housing that fit specific models, i-PRO fulfills every need for equipping your security devices.

Panasonic i-PRO provides added value to your surveillance project without adding cost. All i-PRO Extreme cameras come with a 5-year advanced replacement warranty, access to U.S.-based support, a bundled Video Insight camera license, and an i-VMD analytics license for all compatible i-PRO Extreme cameras.



**5 YEAR WARRANTY**



# Video Insight 7



Video Insight 7 is a powerful, yet easy-to-use, enterprise video management platform that allows organizations in education, law enforcement, healthcare, commercial, and transportation the ability to deploy a customized and robust security surveillance system. Version 7 has enhanced functionality with its new plug-in architecture that allows even greater scalability and improved feature sets.

## Lower Total Cost of Ownership (TCO)

Affordability, flexibility and a simple licensing model are what sets Video Insight apart from the rest - Video Insight provides the most cost-effective enterprise-level VMS solution on the market.

## The Enterprise VMS Features You Love

Video Insight VMS has a wide range of enterprise-level software features in a simple-to-use interface, including automated failover, unlimited clients and users, and active directory/LDAP integration.

## Scale Your System Without Limitations

The pure 64-bit VMS supports an industry leading number of cameras per server, unlimited scalability, client workstations, users with simple integration to legacy systems, centralized administration of the system and more.

## World-class U.S.-based Support

Panasonic i-PRO prides itself on assisting the integrator community in a timely manner. We guarantee same day call back. Are you an end user? Ask your integrator about direct support options.

## Wide Range of Supported Cameras

Video Insight 7 is an open camera platform that maximizes your existing hardware with support from over 4,000 camera models from more than 150 manufacturers.

## License Included with i-PRO/ADVIDIA Cameras

Each i-PRO and ADVIDIA camera is bundled with the Video Insight VMS, requiring no camera licensing or support fees.

## Competitive Upgrade Program

The Competitive Upgrade Program (CUP) allows your customers to transition away from their current enterprise-level VMS solution to VI at a fraction of the cost. CUP allows users to retain their hardware investment while lowering their TCO through the elimination of annual software costs and support fees.

## Making the Most of Existing Legacy Systems

Video Insight easily integrates with your customer's existing systems, including access control and building management. The robust SDK and API make it easy to maintain a single interface and manage all systems from a centralized console.



## Advidia IP Cameras for Any Application

Since 2010, Advidia has been deployed by companies around the world who want a complete enterprise-level video surveillance solution that offers a robust intuitive feature set, all while lowering the total cost of ownership. Advidia achieved this balance by providing a wide range of affordable camera models that come bundled with the Video Insight software suite, including any future software updates and world class U.S.-based support, all backed by a 4-year advanced replacement warranty.



Accutech's ResidentGuard resident monitoring systems give Alzheimer's, dementia and other "at-risk" residents the ability to move freely about their facilities while receiving the protection they—and their families—need. Using advanced RFID technology, the systems put staff at ease while enabling them to direct their energies toward other critical tasks. With 24-hour technical support, free upgrades, well-built reliable hardware, the availability of local installation and service technicians and long-life tags that turn off when not in use, ResidentGuard delivers wander management solutions at a lower total cost of ownership than any competing product.

### LC 1200 System Basic Wandering Protection

The ResidentGuard LC 1200 wander management system is the ideal entry level solution for facilities that need quick, cost-effective patient wandering capabilities. It can be implemented as a stand-alone system and is easy to install and easy to service.

#### Features:

- ID-Tag Activator/deactivator (ID-TAD) (saves you money)
- Non-institutional, wander wearable style tag/band option
- Full 1 year warranty & free technical phone support for the life of the system
- System has adjustable volume control for alarms/alerts
- Interface into existing systems, nurse calls, EAC, etc.
- Staff escort feature
- Filtered data to prevent false alarms
- Integrates with Sara via dry contact



### LS 2400 System Does more. Costs less.

The LS 2400 system is a low cost wander system that provides resident ID, loiter and door-ajar monitoring, low tag battery and several more alerts without the need for a computer. It's designed to be a fully functional dedicated system, or customized to integrate to your facilities specific needs. The LS system can provide resident ID and reporting capabilities at the door or nurse's station with the optional LCD display(s). It also uses a wider RF range that minimizes the need for an extra antenna for double door applications. The system is easy to use and easy to install.



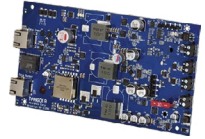
#### Features:

- On screen reporting (up to 30 of the most recent reports)
- Day/Night timer programming
- Resident ID at the door
- Frequency and tuning adjustments for the controller from the display
- Custom facility logos to be uploaded as the default display
- Configuration of multiple zones from a single display
- Integrates directly to Sara head-end

A global leader in power and data transmission solutions for professional Security, Surveillance, Access Control and Fire applications, Altronix designs and manufactures innovative solutions that integrate disparate infrastructure and maximize overall performance and efficiency. Our comprehensive line of power products and peripherals feature the quality, reliability and unparalleled customer support that have been associated with Altronix for over 35 years - proudly made in the U.S.A and backed by a Lifetime Warranty.

### Tango - PoE Driven Power Supply/Chargers

- Utilizes 4PPoE (802.3bt) to simultaneously deliver 12VDC and 24VDC
- Eliminates the need for a licensed electrician, providing tremendous savings
- Designed to stack with Altronix sub-assemblies saving valuable space by utilizing a single footprint
- Operates with NetWay4BT or NetWay8BT midspans



### NetWay - PoE Solutions

- Supports PoE cameras/devices up to 90W
- IEEE 802.3af (15W), 802.3at (30W) and 802.3bt (90W) compliant
- LINQ™ Network Power Management to monitor, control and report power/diagnostics - and reset devices.
- Auto detection and protection of legacy non-PoE cameras/edge devices.
- UL Listed, CE Approved and C-Tick Compliant.



### eBridgePlus - Ethernet over Coax Solutions

- Upgrade to IP by repurposing your coax infrastructure, saving time and labor costs
- Deploy IP devices over coax up to 300m (100mbps) or 500m (25Mbps) without repeaters
- IEEE 802.3af (15.4W) & IEEE 802.3at (30W) Compliant.
- UL Listed, CE Approved and C-Tick Compliant.



### Pace - Long Range Ethernet Adapters

- Extend Ethernet range 5x the distance - without repeaters
- Passes PoE/PoE+ generated from midspan/endspan.
- Data rate 100Mbps full duplex
- UL Listed, CE Approved and C-Tick Compliant.



### NetWay Spectrum - Fiber Solutions

- A wide range of hardened PoE+ switches with single or multiple SFP ports for remote deployment and up to eight Ethernet ports
- Rack-mount media converters for head-end installation
- Units can be deployed with conventional singlemode or multimode fiber, or composite cable, which combines fiber with copper
- Battery charging for applications requiring backup
- Units are available with optimized Lithium Iron Phosphate (LiFePO4) battery charging



### Trove - Access and Power Integration

- Trove let's you easily combine Altronix power/accessories with access controllers from the industry's leading manufacturers.
- Simplifies board layout and wire management, reducing installation time and labor costs.
- Removable backplanes allow you to configure and test prior to on-site installation
- Wall mount units accommodate batteries
- Includes cam lock, tamper switch and mounting hardware
- Available in various wall mount sizes including outdoor, as well as rack mount solutions
- Pre-assembled kits with Altronix power/accessories are available



### eFlow + LINQ - Advanced power supply/chargers with networked power management

- Coupled with our LINQ2 Network Communication Module, you can monitor, control and report power from anywhere over the network, reducing system downtime.
- Includes: Supervised fire alarm disconnect, Over-voltage protection, Low power cutoff and more.
- 30-50% faster battery charging



AXTON specializes in the design and manufacture of professional infrared and visible/white LED illuminators and lighting solutions for security, industrial, military & law enforcement applications.

**SMART INFRARED**

The Smart IR Illuminators are fast and easy to integrate using automatic Day/Night switch. They also feature I/O ports for advanced integration, and seamless sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports. Designed for outdoor use, the IP67 rated housing is completely sealed from the elements.



**MEGAPIXEL POE IR**

The MegaPixel PoE powered IR illuminators are designed to provide additional lighting for high resolution IP cameras to deliver high-quality images in low light. Ready for outdoor use, the IP67 rated housing is completely sealed from the elements.



**NANO INFRARED**

NANO series IR lights feature an ultra compact, light weight design, and yet, they are rugged and have an IP67 outdoor rating\*. Nano's low-profile frame also blends well with it's surroundings.



**OMNI**

OMNI series IR lights feature a compact and lowprofile design. OMNI 5LE & 3LE are indoor fixtures that mount recessed a ceiling or wall. Omni-i (2L) can be mounted on most surfaces inside or out and, has slim profile and compact design.



**BLAZE SERIES**

White Light or Visible Light aids the camera's performance in low light, and makes it possible for a camera to produce color images. Color images contain important information helpful to security professionals and law enforcement during an alarm, or in after-the-fact event assessment.



**NEW! HELIOS**

HELIOS low-voltage (9-28V) IR or White Lights are specifically designed for use with battery-powered systems. They are ideally suited for solar, mobile or automotive applications where standard 12V or 24V batteries are used. Choose from multiple light coverage, angle options. Rugged, outdoor IP67 rated, vandal resistant construction. Equipped with I/O ports for seamless camera sync, and an automatic DAY/NIGHT switch for easy integration.



**ZOOM SERIES IR**

Zoom IR illuminators are designed to offer the ultimate flexibility. Each model has built in angle options that can be selected via the I/O ports in realtime, or during installation. Coverage can be adjusted to suit changing site requirements.



**HYBRID SERIES IR + WHITE**

The Hybrid Series lights combine powerful IR illumination and event-driven White Light into one compact solution. By default, the IR light is enabled when camera switches to Night Mode in low-light conditions. When a predetermined event occurs, a camera, or any other auxiliary device, sends a signal via the I/O Port to activate the White Light. After an event the illuminator and camera go back to IR Mode, continuing discreet surveillance.



**PANORAMIC HYBRID**

The Panoramic HYBRID Series lights consist of multiple HYBRID light panels. The Hybrid lights combine powerful IR illumination and event-driven White Light into one compact solution. By default, the IR light is enabled when camera switches to Night Mode in low-light conditions. When a predetermined event occurs, a camera, or any other auxiliary device, sends a signal via I/O Port to activate the White Light. After an event the illuminator and camera go back to IR Mode, continuing discreet surveillance.



**XLR SERIES IR**

The XLR Series IR lights provide extra long-range infrared coverage while remaining energy efficient, consuming only 115 & 170 watts. Consisting of two, or three panels, the XLR lights offer multiple angle options, fully adjustable individual panels, and Pan/Tilt mounting system for pole, wall or corner installation. The XLR Series lights are powerful, flexible, and designed to provide even, long-range IR coverage.



**PANORAMIC**

AXTON's Panoramic Series lights offer unprecedented coverage flexibility and range in one easy to deploy solution. Panoramic 180° & 270° Illuminators offer multiple scene lighting options. Rotate the panels outward for max HFOV, or inward for max range of up to 730 feet. Panoramic PoE models features single CAT6 cable input, and a CAT6 (PoE++ Data) cable output, to power an IP camera, eliminating the need to run additional cable.



**BLAZE PANORAMIC**

AXTON's Blaze Panoramic Series lights offer unprecedented coverage flexibility and range in one easy to deploy solution. Blaze Panoramic 180° & 270° Illuminators offer multiple scene lighting options. Rotate the panels outward for max HFOV, or inward for max range of up to 730 feet. Blaze Panoramic PoE models features single CAT6 cable input, and a CAT6 (PoE++ Data) cable output, to power an IP camera, eliminating the need to run additional cable.





# ALGO



Algo SIP compliant endpoints are designed for public address, visual and audible alerting, and door intercom security applications. With 50+ years of telecom expertise and strategic partnerships involving some of the largest communication companies in the world, Algo is a trusted supplier to organizations looking for dependability, proven compatibility, ease of deployment, and best possible user experience.

## IP Voice Paging

IP enable existing paging infrastructure with an Algo paging adapter or deploy high-intelligibility Algo IP wideband speakers. Supporting both SIP and multicast, Algo's IP paging solutions are scalable and flexible to meet any VoIP enterprise requirement in retail, manufacturing, healthcare, transportation, education, hospitality and more.



## IP Alerting & Notification

Visual and audible event notification for loud ringing, bell scheduling, OSHA or ADA compliance, automated announcements, and safety, emergency or security notification. Algo endpoints seamlessly integrate with SIP enabled cloud or premise UC environments.



## IP Door Intercom

Algo voice and video intercoms add security for unattended entrances, indoors and out. An Algo intercom offers the convenience of remote access control via contact closure from any telephone, client or device connected to the SIP enabled UC server. Choose from several stylish intercoms for door and gate entrance applications.



# COMM-CORE

Comm-Core is a hosted video surveillance company providing 24/7 monitoring, two-way audio and 25+ additional business and analytics features.

## Comm-Core Surveillance

### Video monitoring & surveillance for businesses.

Comm-Core Surveillance is a state-of-the-art, video surveillance solution built on the world's best streaming and storage technologies using the cloud.

- Cloud-Based Streaming
- Local/Cloud Video Storage
- Behavior Analysis - Appear, Disappear, Loitering
- Off-site Storage - Prevents Lost or Stolen Video
- Multi-Site Dashboard
- Location Tracking - Virtual Line, Enter/Exit, Directional Detection
- Simple Search & Quick Access
- 24/7 Live Monitoring & Notifications
- Object Identification - Motion Detection, Tampering, Face Detection, Audio Detection
- Continuous & Motion Detection Recording
- Quick Image & Video Download
- Audio Analysis - Sound Classification (Explosion, Glass Breakage, Gun Fire, Scream)
- Camera Scheduling - Record When You Want



## Comm-Core Security Monitoring

### Smart, simple & ultra efficient monitoring that keeps businesses safe.

Comm-Core offers a complete suite of advanced security, awareness and energy management solutions. Users can view live feeds, receive alerts, control utilities, and more on site or remotely. With 24/7 access, their business is always protected and running smoothly no matter where they are.

- Easy Web Management Dashboard - Add/Remove Users, Arm & Disarm, Automate Utilities
- Professionally Monitored Security
- Reliable & Secure Cellular Connection
- Access Anywhere with Our Mobile App
- Auto Arm & Disarm Schedule - Open & Close
- Simple Multi-Site Dashboard
- Real-Time Activity Alerts & Notifications
- Business Automation & Energy Management



# LE LOUROE ELECTRONICS

## Microphones

Louroe's microphones are the backbone of their audio monitoring technology. Low impedance elements are selected for their omni-directional capability and sensitivity, with circuitry designed to pre-amplify, taking a signal from -45dB to 0dB for line-level output. Louroe's microphones capture an exceptional quality of sound, a wide frequency response and have an exceptional durability thanks to their robust design.



## Audio Monitoring Systems

Louroe Electronics offers complete solutions that are ready and easy to use. Their wish is to facilitate your customer's ease of installation and integration of their audio products.



## Audio Adapters

These offer plug and play installation and adjustable gain management to insure high audio quality with the receiving device.



ISONAS is the first access control company to design and manufacture a cutting-edge, IP-to-the-door solution that eliminates needless complexity—including inconvenient control panels, separate power supplies, and dedicated hard-wiring. ISONAS fundamentally believes that an IP structure for access control provides the highest quality, greatest flexibility and best value for schools, hospitals and all organizations seeking to add physical access control.

### ISONAS Pure IP Reader-Controller

The new Pure IP hardware family from ISONAS offers a suite of products that allow you to customize your access control solution. Our Reader-Controller continues to take advantage of our patented technology and remains an all in one intelligent device; eliminating the need for a panel and allowing you to take advantage of your existing network.



### IP Bridge 2.0

The next generation of the access control encoder has arrived. Easily and cost effectively expand legacy systems to operate within an ISONAS Pure IP environment without having to issue new credentials or replace existing system panels. The IP-Bridge 2.0 connects the modern IP-network world and legacy wiegand installations. Simply unplug existing panels and attach wiegand readers directly to the IP-Bridge 2.0. When paired with the ISONAS R-1 reader, the IPBridge 2.0 provides legacy systems a path to mobile credentials.



### Pure Access

ISONAS Pure Access is a family of leading access control software products comprised of our fully hosted platform, Pure Access Cloud and an on premise option, Pure Access Manager.



Hanwha Techwin America is a leading supplier of advanced video surveillance solutions for IP video and analog systems. Building on the company's history of innovation, Hanwha is dedicated to providing solutions with the highest levels of performance, reliability and cost-efficiency for professional security applications, such as continuing development in advanced edge devices and video analytics.

### Security Cameras

Hanwha Techwin's line of cameras deliver extraordinary capabilities in both image quality and day-to-day performance. Hanwha Techwin's line of security cameras include IP cameras and analog cameras for every situation and security need.



### Networking Systems

Hanwha Techwin's network systems technology provides the latest in high quality, high performance standards-based equipment for IP base surveillance video. Hanwha Techwin's systems technology offering includes Layer 2 and Layer 3 switching, software-based video management, and a line of standards-based scalable server and storage solutions that meet the industry's demanding IP video networking needs.



### Recording Solutions

Forward-thinking security professionals have discovered that digital storage and retrieval systems open up brand new possibilities in surveillance operations and management. These unprecedented, highly reliable surveillance recording systems provide scalability to meet extended user needs.



NVT Phybridge is the global leader in Power over Long Reach Ethernet. We make IP connections in far places quick, easy and cost-effective. Our technology transforms an existing or new infrastructure into an IP path with power. With little to no business disruption. Our number one priority is providing innovative solutions that are simple, affordable, efficient and practical for the end user. Thanks to both our partners and customers, NVT has recently achieved an important milestone; our customers have collectively saved over \$100,000,000, eliminated risk and fast-tracked their IP migration.

### Phybridge CLEER24 24-Port Managed Switch

The award-winning NVT Phybridge Coax Leveraged Ethernet Extended Reach 24-Port (CLEER 24) Managed Switch is the world's first Ethernet over Coax managed solution to deliver powerful, enterprise-grade fast Ethernet and PoE+ over Coax with extended reach to 2,000ft (610m) – that's 6Xs the distance of typical switches.



The CLEER24 enables a robust separate LAN in line with security industry best practices. It quickly and easily transforms Coax into IP paths with substantial power and extended reach to support bandwidth-demanding security, IPTV, and other video and surveillance devices and applications with the highest QoS. The CLEER24 can support any IEEE 802.3af and 802.3at compliant devices such as access points, IP phones and IP speakers.

CLEER24 switches have been designed from the ground up to meet the "five nines" high availability of service required by the surveillance industry. They are equipped with industry leading power capabilities and come standard with PowerWISE technology. Power sharing, load balancing, AC/DC options, and hot swappable power supply makes CLEER24 one of the most robust PoE switches available today. EC Coax Media Converters are used with CLEER24 to support IP devices of any kind. Each EC adapter model can be locally powered to deliver additional power to support IEEE-compliant IP devices. EC-Link can be converted into an Ethernet over Coax extender by pairing it with other EC adapters.

- Eliminate infrastructure replacement risks, disruption, and costs.
- Reduce planning, implementation, and deployment times.
- Create a robust, highly-secure IP platform that is easy to configure, deploy, and manage.
- Accelerate migration ROI and lower TCO significantly.
- Reallocate freed-up budget to higher-value IT projects, applications, and devices.

### Phybridge FLEX Adapters & Extenders

The FLEX series of adapters and extenders are designed to extend PoE far beyond the standard Ethernet reach. FLEX adapters can deliver 10/100Mbps (symmetrical, full duplex) and PoE (up to 50W) over 1- (needs local power), 2-, or 4-pair UTP/STP with up to 2,000ft (610m) reach, when used with the FLEX24 switch or the FLEX-base Extender.



- **FLEX-Link** is IEEE-compliant and negotiates power requirements with an IP device, delivers 50W of power over 4-pairs, and can be locally powered.
- **FLEX4** is IEEE-compliant and negotiates power requirements with up to 4 IP devices, delivers 30W of power over 4-pairs, and can be locally powered.



### INFRA-RED

Raytec Infra-Red Illuminators allow video surveillance cameras to deliver outstanding images at night. They deliver even output illumination at distances up to 500m and beyond.



### WHITE-LIGHT

Raytec White-Light illuminators offer multipurpose lighting. They help deliver true colour surveillance images from any camera at night, whilst also creating an evenly illuminated, safe and secure environment.



### HYBRID

An all-in-one solution, Hybrid Illuminators combine both Infra-Red and White-Light into a single unit. The Infra-Red provides covert surveillance whilst White-Light can be used as a deterrent and to provide colour images when required.



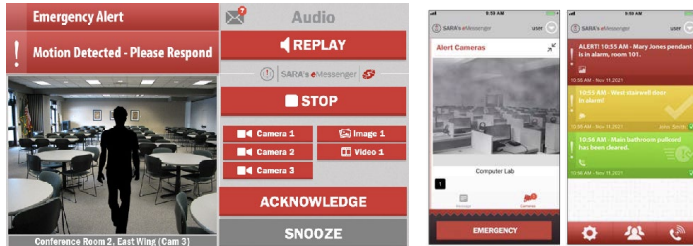
Status Solutions is the pioneering provider of enterprise situational awareness for risk management with life safety, security, environmental monitoring and mass notification applications. Real-time notifications about potential threats to life, property, business and convenience enable customers to prevent loss while transforming their business operations. Situational Awareness was originally a military term referring to a pilot's operational status and knowledge of immediate threats, today it is a risk management strategy and technology platform any organization can implement for faster, more efficient communication - especially in an emergency.

### Situational Awareness and Response Assistant (SARA)

SARA is an automated alerting engine that delivers real-time, detailed alerts to designated communication end points - from smartphones to digital signage and virtually any device in between. The solution integrates stand-alone life safety, security and environmental systems for centralized monitoring, alerting and reporting. Existing alarm and communication technologies work together to ensure the right information reaches the right people so they can address an unfolding situation.

#### SARA provides:

- Mass notification application for effective alerting for various notifications to thousand of contacts at once
- A wireless sensor network based on state-of-the-art, best-of-breed platforms for optimal performance of life safety applications
- Tools to integrate existing alarm and communication systems so current technology investments work better together
- Mass notification capabilities so key individuals, select groups or entire populations are made aware of a triggering event and respond accordingly
- Local, premise-based and/or wide-area mobile dures with location data
- Desktop alerts, including color-coded text and audio
- Video paging to push live video from integrated security cameras to desktops and mobile devices
- Preprogrammed mobile dashboards for smartphones for situational awareness on the go
- The Voice of SARA text-to-speech capability for the delivery of alerts via any phone
- Quick Messages for creating alerts or special announcements on demand when unanticipated events or schedule changes occur
- Reporting capabilities for analyzing response times/emergency protocols and demonstrating compliance
- Remote supervision, backup and software upgrades through a persistent connection to the Status Solutions Network Operations Center



Life Safety



Security



Environmental Monitoring



Mass Notification

For over two decades, Verint has developed domain expertise and market leadership in the areas of Customer Engagement and Cyber Intelligence. Their comprehensive portfolio of Actionable Intelligence Solutions turns structured and unstructured information into insights by leveraging machine-learning technology and advanced analytics. With Verint solutions and value added services, organizations of all sizes and across many industries can make more informed, timely, and effective decisions.

### IP Cameras

The Verint IP camera portfolio combines excellent video quality with ultra-efficient bandwidth management and comes in a variety of form factors - from fixed body and pan/tilt/zoom cameras to indoor and all-weather IP domes - to accommodate virtually any budget and video surveillance application. Superior high-definition video resolution and customizable multi-streaming compression formats ensure excellent performance with easy-to-install technology.



## ViewZ

ViewZ monitors are designed specifically for professional Security & Digital Signage installations where brilliant video performance and durable construction are requirements. Built using rugged materials and high endurance components, ViewZ commercial-grade monitors operate around the clock in casinos, financial institutions, government agencies and fortune 500 retailers. As a testament to ViewZ quality, several major security brands private label ViewZ monitors. Branch offices in Denmark and California.

### RTHL Series

ViewZ introduces all new 24, 27, 32 & 42 inch RTHL monitor series equipped with LED backlight panels & the optimal mix of analog and digital inputs along with an all metal cabinet.



### NL Series

NL video wall monitors display brilliant HD images across multiple monitors with virtually seamless gaps between the screens. Designed to work with the ViewZ PRO series video wall controllers.

### HYBRID DVR Series

Hybrid DVR, each channel can support SDI or Composite signal through BNC Input. Up to 15 FPS. Available in 4,8, 16 CH. Great solution to replace an existing Analog DVR if customer wants to keep existing cable and most of their Analog Cameras.



### HD SDI CAMERA Series

Our HD-SDI cameras can capture video at 1920x1080 Full HD / 30fps and have premium features like Smart-IR technology, automatic gain control, True WDR, day & night filter, BLC, HLC and 2D/3D NR filter.



### CMP/CME Series

VZ-CMP and VZ-CME series is built with a commercial grade "A" panel that provides superior color reproduction and capability to run 24/7. VZ-CMP and VZ-CME series features include 3D comb-filter and de-interlacing to reduce unwanted artifacts such as dot crawl for greatly improved image quality. Moreover, VZ-CMP and VZ-CME series is backed by a 3-year parts and labor warranty.





## AUTOMATED CYBERSECURITY

### Razberi CameraDefense™

Award-winning, automated cybersecurity software. Provides camera hardening to protect surveillance and other networked devices from cybersecurity threats. Proactively manage and deploy best practices on hundreds or thousands of cameras and IoT devices in minutes.

- Block unauthorized IoT devices by binding cameras and other IoT security devices to the network.
- Automatically restricts camera access to whitelisted IP addresses, blocks camera traffic to the public Internet, and flags weak passwords.
- Denies un-needed and potentially dangerous network services with a next-generation firewall.



## VIDEO HEALTH MONITORING

### Razberi Monitor™

Health monitoring software that provides enterprise network administrators with a real-time view of their network health from anywhere in the world. It also provides visibility into multiple sites and allows you to securely manage the system remotely from one location. Because mission-critical surveillance is predicated on high availability; monitoring is critical to security leaders. Razberi provides premise and cloud-based solutions to securely monitor the health and cybersecurity of the video surveillance system. It supports standards-based interfaces for real-time notifications.

- Setup CameraDefense™ and ApplianceDefense™ alerts and receive directly to your mobile device
- Diagnose problems quickly and effectively
- Reduce costs by limiting physical maintenance and truck rolls
- Increase system maintenance efficiency



### Razberi ApplianceDefense™

A secure appliance architecture that provides comprehensive protection over the video management server. Designed from the ground-up, the ApplianceDefense architecture hardens network appliances from cyberattacks.

- Secure boot
- Edge network security
- AI driven threat protection
- Encryption-ready hardware
- Best practice operating system images
- Audit log
- Secure protocols



### Razberi Analytics™

Video analytics-ready appliances offer advanced GPU technologies from NVIDIA to enable deep learning solutions for rapid review, search and other analytics required for critical infrastructure and other applications.

## INTELLIGENT VIDEO SURVEILLANCE SERVER APPLIANCES

### Razberi Core™

Server-class appliances that are cybersecurity-hardened and purpose-built to centrally record and manage a heavy video surveillance workload. High performance, redundant, high capacity storage and analytics.



### Razberi Edge Solutions

#### Razberi ServerSwitchIQ™

Razberi's flagship edge appliances that far outshine a standard NVR. Powerful, cybersecurity-hardened appliances built to record and manage video at the network edge. Automatically secures network connections with cameras and other IoT devices. Reduces network resources to preserve high quality video.



#### Razberi Rugged™

Environmentally tough and cybersecurity-hardened network appliances built to record and manage video at the network edge in dusty, temperature challenged conditions. Automatically secures network connections with cameras and other IoT devices. Reduces network resources to preserve high quality video and ready for standard enclosures.



#### Razberi EndpointDefender™

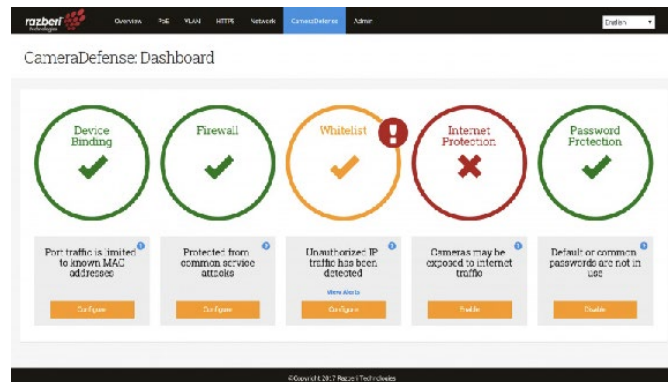
Intelligent network appliances that automatically secure network connections to cybersecurityhardened cameras and IoT devices. Effective and responsible scalability. Assures consistent implementation of best practices.



## Razberi CameraDefense™

Making Cybersecurity Easy for Security Managers, Hard for the Hackers. More than 87% of companies have identified cybersecurity as a major risk, and Forbes estimated \$6 trillion in cyber attack damages by 2021. How will you apply best practices across hundreds and thousands of cameras and devices at scale?

Automation is the answer. BE PROACTIVE! Harden IP cameras, protect the video management system (VMS) and proactively alert in the event of a cybersecurity threat.



### Automated Camera Hardening

- Block unauthorized IoT devices - Binds cameras and other IoT security devices to the network, prevents unauthorized devices from using Ethernet ports.
- Secure access to cameras - Restricts camera access to whitelisted IP addresses, blocks camera traffic to the public Internet, flags weak passwords.
- Protect from cyber attack - Denies un-needed and potentially dangerous camera services with a next-generation firewall.

### Secure Appliance Architecture

- Isolated camera network - Separates the camera network from the business network with independent network interfaces and a configurable VLAN.
- Encryption-ready hardware - Supports video encryption and trusted system boots with an embedded Trusted Platform Module (TPM).
- Integrated virus & malware protection - Protects the video management system by predicting known and unknown attacks to proactively prevent malware execution.

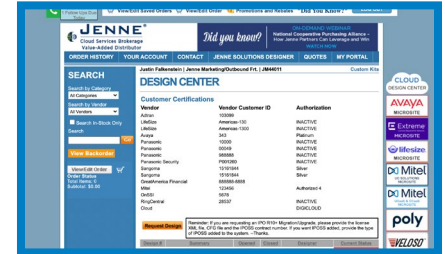
### Cyber Threat Monitoring

- Real-time security alerts - Generates real-time security alerts for incident response.
- Flexible alert management - Manages security alerts with Razberi Monitor™, Milestone XProtect, and other certified VMS products.
- Dynamic threat detection - Evolves with new threats through machine learning.

# JENNE CAPABILITIES

## DESIGN CENTER

- The application to request designs for both Midmarket and Enterprise solutions, saves you a great deal of time initializing new or upgrade designs
- This application is utilized for both perpetual, subscription and all Avaya Professional Services requests, no need to use multiple platforms thus saving you time and frustration
- Every design is stored for historical reference, providing your company a record for trouble free retention if required
- You will receive real-time notification of completed requests and updates, reducing communication gridlocks between engineers.
- 24/7 availability to partners, initiate or maintain designs on your own schedule.



## JENNE SOLUTIONS DESIGNER (JSD)

Jenne Solutions Designer is a multi-vendor online configuration tool that enables business partners to quickly design a solution into a real-world configuration. It seamlessly identifies complementary solutions, including pricing and availability, all in an environment that can be shared privately with your colleagues, customers and experts at Jenne.

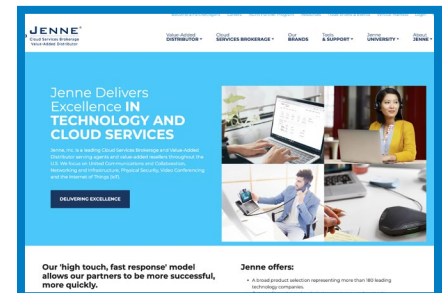
## JENNE CLOUD DESIGN CENTER

After a reseller hosts a consultative appointment or conference call with their customer, they can easily access Jenne's Cloud Design Center web portal and complete the answers to questions that will allow Jenne's cloud specialists to create a customized proposal for the best cloud solution for their customer's business and situation.

## WEB-BASED RESOURCES AVAILABLE 24/7 AT WWW.JENNE.COM

Jenne's website is the place to access product information and transact business for over 180 manufacturers which we represent. We offer:

- A searchable online product catalog with secure online ordering capability 24/7. You can check pricing and stock status; build order templates for repeat orders; create online tracking information; access your account information; review past orders and more.
- Manufacturers' microsites that contain current promotions, special announcements, documentation, end of sale notices, reward updates, fact sheets, product documentation, presentations, newsletters and more.
- Plus, we also offer timely email announcements on product revisions, new product introductions, price changes and other important information.



## FINANCING

Jenne offers assistance and processing of a wide variety of financing options to assist you in successfully managing your business. Our team is dedicated to helping you find the right financing options for your business as well as assisting you in the entire process from start to finish. We work to ensure that our customers achieve the financial success they are striving for.

### Financial services available:

- Proactive searches by relationship managers to find financing solutions beyond normal credit terms.
- Leasing programs to help improve cash flow while freeing up credit lines to increase sales and profitability.
- Floor plan/working capital programs with flexible payment terms to help ease cash flow demands.

## OPERATIONAL SUPPORT AND EXCELLENCE

Jenne provides unparalleled operational support — we are experts in distribution! Your business benefits from:

- An industry-leading order accuracy rate — 99.98 percent — supported by a 99.89 percent on-time shipment rate, means that you receive the right product when and where you need it.
- Expedited 'out of the box' failure replacement support.
- Single point of shipment ensuring a cohesive order fill, immediate order turnaround and industry leading 'ship complete' performance.
- Custom branded delivery documents that enhance your identity. Cut days and cost out of your deliveries by utilizing Jenne's logistic capability to drop ship your customer's order directly to them. We will include shipping documents with your branding and your customer's purchase order number to ensure ease of receipt.





Unified  
**COMMUNICATIONS**



Physical  
**SECURITY**



Cloud  
**Services Brokerage**



Networking Infrastructure  
& **STORAGE**



**JENNE**<sup>®</sup>

Cloud Services Brokerage  
Value-Added Distributor