ClearOne®

Concise Catalog

Voice and Visual Communication Solutions

WHAT WE DO

ClearOne enhances communication and collaboration for organizations worldwide, from the Fortune 500 to small and medium businesses and institutions. We design, develop, and sell conferencing, collaboration, and network streaming & signage solutions through a global network of expert AV and IT practitioners who specify, install, and support our advanced hardware, software, apps, and cloud solutions.

The performance and simplicity of our comprehensive product lines enable unsurpassed levels of functionality, reliability, and scalability.

From ad-hoc work spaces and mobile conferences to the largest meeting venues and boardrooms, ClearOne is the best-in-class option for any industry or organization that relies on teamwork and collaboration to be successful.

Enterprise

Government

Command & Control

Education

House of Worship

Healthcare

Transportation

Oil, Gas, and Energy

Service Provider

Entertainment & Recreation

Mobile

Personal

Executive Office

Huddle Room

Conference Room

Classroom

Lecture Hall

Training Center

Professional Voice Conferencing & Microphones

ClearOne's professional audio conferencing systems bring state-of-the-art audio technology to large-scale conferencing venues such as boardrooms, conference rooms, courtrooms, training centers, and telemedicine facilities.

ClearOne offers a broad portfolio of award-winning products designed to enhance the user's unified communications experience, from the desktop to the small working conference room.

UC Voice

Media Collaboration

ClearOne's software-based media collaboration solutions set themselves apart from anything available in the market. Our portfolio features award-winning cloud-based services for video, audio, and data collaboration using any device and low-cost appliances for any size room.

ClearOne's IP-based media streaming solutions provide the highest-quality media streaming on existing IP networks; unmatched in scalability, ease of implementation, and lowest total cost of ownership.

Network Media Streaming and Signage

Audio Distribution

ClearOne's network IP-based audio distribution system increases the scalability and reliability of networked voice and sound applications without any distance limitations. The system, with its flexible and scalable architecture, is suitable for small, medium, and large projects using existing IP networks.

PROFESSIONAL VOICE CONFERENCING & MICROPHONES

State-of-the-art audio technology

ClearOne's professional audio conferencing systems bring state-of-the-art audio technology to large-scale conferencing venues such as boardrooms, conference rooms, courtrooms, training centers, and telemedicine facilities.

These voice conferencing systems handle multiple audio inputs and outputs and perform various sophisticated audio processing functions, to deliver the high-quality and immersive audio conferencing critical for enabling productive meetings.

CONVERGE® Pro

INTERACT® Pro

CONNECT®

PROFESSIONAL VOICE

High-quality audio conferencing systems are critical for enabling productive meetings where decisions are made quickly and important issues are addressed.

ClearOne's professional audio products are the most sophisticated, feature-rich systems on the market, offering unrivaled audio processing performance.

CONVERGE® Pro 2

The industry's most advanced professional audio DSP platform for conferencing and sound reinforcement applications. It outperforms in any size room, any audio environment, any application.

+ Next-generation Acoustic Echo Cancellation & Noise Cancellation processing.
+ Distributed Echo Cancellation™ on every mic input
+ Adaptive-Amblence & Acoustic Intelligence with faster convergence
+ DARE feedback elimination
+ Built-In Telco/VoIP, USB, Dante
+ Optimized to work with new Beamforming Mic Array 2 and DIALOG 20 2-Channel Wireless Microphone System through native connection.

CONVERGE® Pro

A series of professional audio conferencing products delivering a new level of unrivaled performance, flexibility, and manageability.

+ Distributed Echo Cancellation® on every mic input
+ First-mic priority delivers clear audio to the far end
+ 20 Hz-22 kHz bandwidth for full-range audio response

INTERACT® Pro

A complete, professional audio conferencing solution with true stereo echo cancellation, allowing direct connection to enterprise telephones, PCs, and HD media collaboration systems.
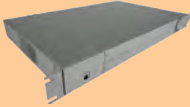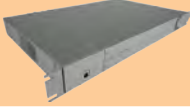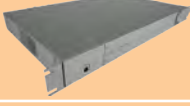
+ Enable UC in the conference room
+ USB port connects to PC for Spontania, Skype™, WebEx® and other AV conferencing applications
+ Headset port connects to Cisco®, Avaya, and Nortel® handsets

CONVERGE® MATRIX

A complete mixer and router that provides new opportunities for large-scale pro audio installations from 64x64 up to 512x512 audio channels, with the CONVERGE product line using Dante™ audio-over-IP networking technologies.

+ Field-upgradable with expansion card (64x64, 128x128, 256x256) to double the channel count on the main unit
+ Dante™ networking technology for digital audio distribution
+ Audio channels mixing and routing
+ Groups/zones configuration
+ Full matrix view, filtered matrix view
+ Highly scalable, reliable, modular system adds flexibility
+ Complete system redundancy support for network and device
+ Perfect for sound reinforcement, live announcements, pre-recorded audio, emergency information, background music, paging

		MODEL	IMAGE	DESCRIPTION
Pro Voice Solutions	**Pro Audio Conferencing**	**CONVERGE® Pro 2 128**		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs and built-in USB audio.
		CONVERGE Pro 2 128D		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio and built-in Dante digital audio networking.
		CONVERGE Pro 2 128T		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio and built-in telephone interface.
		CONVERGE Pro 2 128TD		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio, built-in telephone interface and built-in Dante digital audio networking.
		CONVERGE Pro 2 128V		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, with built-in USB audio and built-in VoIP interface for 2 lines.
		CONVERGE Pro 2 128VD		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC), 8 mic/line outputs, with built-in USB audio, built-in VoIP interface for 2 lines and built-in Dante digital audio networking.
		CONVERGE Pro 2 48T		CONVERGE Pro 2 DSP mixer with 4 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio and built-in telephone interface.
		CONVERGE Pro 2 48V		CONVERGE Pro 2 DSP mixer with 4 mic/line inputs (AEC), 8 mic/line outputs, built-in USB audio and built-in VoIP interface for 2 lines.
		CONVERGE Pro 2 120		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (AEC) and built-in USB audio.
		CONVERGE Pro 2 012		CONVERGE Pro 2 DSP mixer with 12 mic/line outputs and built-in USB audio.
	Sound Reinforcement	**CONVERGE Pro 2 128SR**		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (without AEC), 8 mic/line outputs and built-in USB audio.
		CONVERGE Pro 2 128SRD		CONVERGE Pro 2 DSP mixer with 12 mic/line inputs (without AEC), 8 mic/line outputs, built-in USB audio and built-in Dante digital audio networking.

MODEL	IMAGE	DESCRIPTION
CONVERGE® Pro 880		Complete audio system that delivers rich functionality with improved audio performance, enhanced management, and simplified configuration for audio conferencing applications.
CONVERGE Pro 880T		Rich functionality with eight built-in mic inputs, enterprise-telephone interface, enhanced management features, and simplified configuration.
CONVERGE Pro 880TA		Complete conferencing system featuring an automatic, digital matrix mixer, eight microphone inputs and an integrated, four-channel power amplifier for the sharpest audio experience possible.
CONVERGE Pro 840T		Scalable solution combines the features of the CONVERGE Pro 880 with a built-in telephone interface and 10-watt power amplifier for standalone conferencing capabilities.
CONVERGE Pro 8i		Input-only expansion box for the CONVERGE Pro platform. Can be added to all CONVERGE Pro systems, delivering new economical configuration flexibility for additional mic and line inputs.
CONVERGE Pro TH20		Enables conference call functionality for CONVERGE Pro installations with a single telephone line connection and two line-level inputs and outputs; scalable up to 16 units for increased system capacity.
CONVERGE Pro VH20		VoIP end-point device enables CONVERGE Pro to connect directly to a SIP-based phone system or to transport audio on an IP network without the need of a VoIP PBX.
INTERACT® Pro		Provides unmatched audio performance and scalability with simple configuration. Connects directly with enterprise telephone, HD conferencing systems, UC endpoints and desktop UC applications such as Skype® and Microsoft® Lync®.
INTERACT Pro 8i		Input-only device adding an additional 8 microphone inputs to the INTERACT Pro conferencing mixer. Includes true stereo Acoustic Echo Cancellation (AEC) and audio signal processing on microphone inputs required for conferencing.
CONVERGE MATRIX		Mixer and router provides new opportunities for large scale pro audio installations from 64x64 up to 512x512 audio channels, with the CONVERGE product line using Dante™ audio-over-IP networking technologies.
CONVERGE SR1212		12x12, automatic digital matrix mixer with unrivaled audio processing performance, simplified configuration software for conferencing, and sound-reinforcement applications.
CONVERGE SR1212A		12X12 automatic digital mixer with unrivaled audio processing performance, simplified configuration software, and four built-in power amplifiers.
Sabine® FBX2410 Feedback Exterminator®		Super-fast automatic feedback control, with quick and quiet setup, increased headroom and a reduced noise floor. Accurately distinguishes music from feedback, filters with 1 Hz resolution, and provides more gain before feedback (6 to 9dB typical). With 24-bit digital resolution, three-color LED filter display, and 12 filters per channel.

Pro Voice Solutions

Pro Audio Conferencing

Pro Sound Reinforcement & Distribution

PROFESSIONAL VOICE

BEAMFORMING MICROPHONE ARRAY 2

Second-generation, professional-grade Beamforming Mic Array with beamforming and adaptive steering, ClearOne's next-generation Acoustic Echo Cancellation and Noise Cancellation. The ultra-sleek design fits into any conferencing environment and delivers the clearest audio pickup available with its Acoustic Intelligence. This solution works with CONVERGE Pro 2 DSP mixers through native P-link connection and it can connect with DIALOG 20 2-channel Wireless Mic System.

+ Daisy-chain up to 3 mic arrays per CONVERGE Pro 2 unit
+ Zero-consumption of analog inputs in CONVERGE Pro 2
+ Single cable for power, audio, & control
+ Daisy-chain with DIALOG 20 Wireless Mic System
+ Three mounting options - ceiling, wall, & table
+ Two power options: P-link, PoE

WIRELESS MICROPHONE SYSTEMS

The systems consist of receivers with built-in antennae, all types of transmitters - boundary tabletop, gooseneck podium, handheld, beltpack and docking station.

DIALOG 20™

Works at 2.4GHz range, optimized to work natively with CONVERGE Pro 2 DSP mixer and Beamforming Mic Array 2 products. Also works with any DSP mixers.

WS800

Works at all 7 RF Ranges (M915, M715, M610, M500, M586, M800, M930) and includes Dante option.

CEILING MICROPHONE ARRAY

The richest ceiling microphone sound in the industry.

+ Unbeatable 360-degree coverage in a compact form factor
+ Unbeatable affordability with a sleek, unobtrusive design
+ Three unidirectional elements reduce reverberation and noise
+ Multiple arrays can be connected to any CONVERGE Pro or INTERACT mixer with standard CAT5 Ethernet cable
+ Simple 12" and 24" drop-down ceiling installation options

WIRED MICROPHONES

Match the requirements of any application with a variety of tabletop microphone options, providing the highest-quality conferencing audio.

+ Excellent pickup range with unidirectional pattern
+ Low-cut filter rejects unwanted noises
+ Unobtrusive and aesthetically pleasing
+ Sleek, low-profile design to maximize table space

MODEL	IMAGE	DESCRIPTION
Pro Voice Solutions — *Pro Microphones*		
Beamforming Microphone Array 2		Second-generation, professional-grade Beamforming Mic Array with beamforming and adaptive steering, ClearOne's next-generation Acoustic Echo Cancellation and Noise Cancellation. The ultra-sleek design fits into any conferencing environment and delivers the clearest audio pickup available with its Acoustic Intelligence. Works with CONVERGE Pro 2 DSP mixers through native P-link connection and it can conect with DIALOG 20 2-Channel Wireless Mic System.
Beamforming Microphone Array		The Pro-Audio industry's first professional-grade microphone array with beamforming and adaptive steering technology and next-generation AEC. Works with CONVERGE Pro & COLLABORATE® Room Pro. Available in both glossy white and black finishes.
Ceiling Microphone Array		Three wide-range microphones mounted together into a single unit array, provide the rich sound of three individual unidirectional microphones while maintaining full 360-degree coverage. Connect multiple arrays with standard Cat5 cable to CONVERGE Pro or INTERACT mixers.
DIALOG 20 Wireless Microphone System		DIALOG 20 is the compact, feature-rich, and complete 2-Channel Wireless Microphone System that consists of a receiver with built-in antenna, all types of transmitters - boundary tabletop, gooseneck podium, handheld, beltpack and docking station. Works at 2.4 GHz rage, optimized to work natively with CONVERGE Pro 2 DSP mixer and Beamforming Mic Array 2 products; but can work with any DSP mixer.
WS800 Wireless Microphone System		Powered by SACOM, and is optimized to work with CONVERGE Pro 2, CONVERGE Pro and INTERACT Pro products. Includes four models of wireless microphones/transmitters, and a base station receiver with either 4 or 8 channels, which connects to professional audio mixers. Also works with 3rd-party mixers.
Wireless Dante™ Microphones		Wireless Receiver comes with built-in Dante networking support for transporting digital audio over Ethernet. The most economical and versatile wireless system on the market today with easy installation, use, and scaling. Complements other professional audio products from ClearOne including CONVERGE Matrix, CONVERGE Pro 2 and CONNECT Dante bridge for CONVERGE Pro.
Wired Microphones		Match the requirements of any application with a variety of tabletop microphone options, providing the highest-quality conferencing audio.
Network Bridge		
CONNECT® Dante		Provides networked audio distribution capability for CONVERGE Pro and SR products. Is a flexible Internet Protocol (IP) and Ethernet based audio network technology.
CONNECT CobraNet		Provides networked audio for CONVERGE Pro devices, using CobraNet standards, without changing main mixer hardware, and the ability to scale up with new standards.
CONVERGE USB		Plug-and-play USB audio break-out box connecting CONVERGE Pro audio to desktop media collaboration applications and desktop UC applications without any firmware or software upgrades. Carries up to 18 channels and multiple units can be used to extend standard expansion bus distance far beyond 200 feet.
Accessories		
Tabletop Controller		Intuitive, cost-effective controller for CONVERGE Pro to easily start and navigate an audio conference without the need for touch-panel control systems.
INTERACT Wired and Wireless Dialer		Wired or wireless tabletop dialer option for INTERACT solutions, providing full control of the room audio and dialing capabilities.
INTERACT COM and COM-W		Wired or wireless 2.4 GHz audio interface for INTERACT solutions, providing USB audio and headset audio associated with enterprise telephones.

UC VOICE

Award-winning rich audio

ClearOne offers a broad portfolio of award-winning products designed to enhance the user's unified communications experience, from the desktop to the small working conference room—each solution boasting ClearOne's unmatched, rich audio performance.
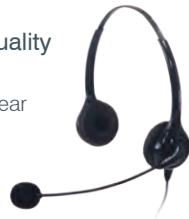
CHAT®

MAX®

INTERACT® AT

UC VOICE

ClearOne's UC Voice portfolio continues to expand to meet user needs from open-office or cubicle to executive office, boardroom or auditorium; enabling all users to experience the highest-quality audio and visual communications.

CHAT® USB Headsets
Comfort, durability and legacy audio quality
+ Advanced, microphone noise-cancelling technology keeps conversations crystal-clear
+ Acoustic Shock Protection (ASP) technology prevents volume spikes or high-pitched tones

CHAT & CHATAttach® Group USB Speakerphones
USB PC speakerphones provide unmatched audio clarity and simple connection to multiple devices
+ CHAT 160 is Skype®-certified, CHAT 170 guaranteed compatible with Microsoft® Lync®
+ Superior hands-free audio, bridging video, UC, and web applications with analog calls
+ True full-duplex performance allows user to listen and speak at the same time without audio cutting in and out
+ Proprietary Distributed Echo Cancellation® and Noise Cancellation prevent distracting audio
+ Automatic gain and level controls adjust mic and speaker levels
+ Full 360-degree coverage up to 8 feet from device
+ Daisy-chain two CHATAttach® speakerphones for larger coverage

CHAT Personal USB Speakerphones
ClearOne's market-leading HD Conference® audio technology provides crystal-clear conferencing sound
+ CHAT 60 is Skype®-certified, and CHAT 70 is guaranteed compatible with Microsoft® Lync®
+ True full-duplex performance allows user to listen and speak at the same time without audio cutting in and out
+ Proprietary Distributed Echo Cancellation® and noise cancellation prevent distracting audio
+ Automatic gain and level controls adjust mic and speaker levels
+ True plug-and-play capability
+ Full-duplex cell-phone audio without a headset
+ Full-band frequency audio playback for handheld and mobile devices
+ Hands-free gaming audio with VoIP applications such as teamSpeak, Ventrilo, Roger Wilco®, and others

|		MODEL	IMAGE	DESCRIPTION
UC Voice	**USB Speakerphones** — Headsets	**CHAT® 10D** / **CHAT 20D** / **CHAT 30D**		The most affordable UC headsets on the market, with proprietary noise cancellation and acoustic shock protection; combining comfort, durability, and the legacy audio quality you expect from ClearOne.
	Generic/IBM	CHAT 50		Portable, personal speakerphone, connects to a variety of devices for hands-free USB-powered conferencing. Provides crystal-clear, full-duplex, HD audio for unified communications, VoIP and other audio applications in the office or on the move.
		CHAT 150		Personal/group speaker phone, used for two-way audio (VoIP softphones, web collaboration applications, instant messaging), or simply used as a large loudspeaker for audio playback, powered through USB.
		CHAT 150 USB		Personal/group speakerphone, connects to desktops and laptops via USB (web collaboration applications, instant messaging), for rich, full-duplex, hands-free audio, powered through USB.
		CHAT 150 for Enterprise Phones		Personal/group speakerphone, connects to enterprise phone systems (ad-hoc bridging capabilities allow a USB/analog mix) for rich, full-duplex, hands-free audio.
		CHAT 150 VC		Personal/group USB speakerphone, providing rich, USB-powered audio for media collaboration codecs.
		CHATAttach® 150		Group USB speakerphone with two, daisy-chained phone units, brings clear, full-duplex audio to medium and large conference rooms. Connects to a variety of devices for hands-free, USB-powered conferencing.
	Skype	CHAT 60		Skype-certified, portable, personal speakerphone, connects to a variety of devices for hands-free, USB-powered conferencing. Provides crystal clear, full-duplex, HD audio for unified communications, VoIP and other audio applications in the office or on the move.
		CHAT 160		Skype-certified, personal/group USB speakerphone, connects to desktops and laptops to provide rich, hands-free Skype calls for medium and large conferencing rooms.
		CHATAttach 160		Skype-certified group USB speakerphone, brings clear, full-duplex audio conferencing to medium and large conference rooms. Connects to a variety of devices for hands-free, USB-powered conferencing.
	Microsoft Compatible	CHAT 70		Portable, personal speakerphone, guaranteed compatible with Skpe™ for Business. Designed to provide crystal clear, full-duplex, HD audio for unified communications, VoIP and other audio applications in the office or on the move.
		CHAT 170		Personal/group USB speakerphone, guaranteed compatible with Skype™ for Business. Connects to desktops and laptops to provide rich, hands-free, USB-powered conferencing for medium and large conferencing rooms.
		CHATAttach 170		Group USB speakerphone, guaranteed compatible with Skype™ for Business. Brings clear, full-duplex audio conferencing to medium and large conference rooms. Connects to a variety of devices for hands-free, USB-powered conferencing.

UC VOICE

MAX®

Provide premium, full-duplex audio with unmatched scalability. Integrating ClearOne's industry-leading professional audio technology and advanced processing, MAX is the perfect solution for small conference rooms as a single unit, and also scales to cover medium and large conference rooms.

Tabletop Configurations | Wireless Conferencing Configurations

MAX® Wireless - Designed to work in smaller conference rooms, the single conference phone connects wirelessly to the base unit for secure, encrypted transmissions.
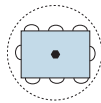
MAXAttach® Wireless - Two wireless phones, connected to a single base unit, provide coverage for a medium-scale conference room or two smaller conference rooms.
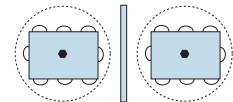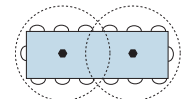
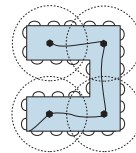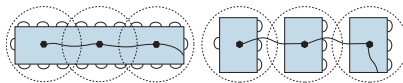### Wired Conferencing Configurations
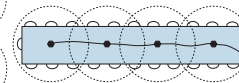
MAX EX   MAXAttach
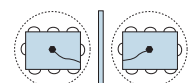   (MAX EX + expansion kit)   MAXAttach + 1 expansion kit   MAXAttach + 2 expansion kit   MAX EX expansion base
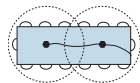
MAX EX Expansion Kit
Use with any MAX Phone to expand coverage up to 4 total units.

Expansion Kits to be used in separate rooms. Includes power supply and 25' (7.5m) cable.

INTERACT® AT

Add professional sound with the simplicity of popular UC and web applications to any conferencing room. INTERACT AT includes all the necessary audio equipment and peripherals for any conference room while delivering exceptional audio quality at an affordable price.

Plug-and-play installation
+ Simple USB connections to bridge calls with IP and analog telephony, video, and web conferencing
+ As simple as installing a conferencing phone
+ No programming required

Rich-media systems collaboration
+ Media collaboration
+ Web conferencing— INTERACT AT-Skype is Skype®-certified, and INTERACT AT-OC fully compatible with Microsoft® Lync®
+ Personal computer
+ IP telephony

			MODEL	IMAGE	DESCRIPTION
UC Voice	Conference Phones	Analog — Wired	MAX® EX		Industry's first fully scalable tabletop conference phone, delivers unrivaled audio clarity and room coverage.
			MAXAttach®		Fully scalable conferencing with unmatched, full-duplex audio clarity. Two complete phone units can be scaled to as many as four, with unrivaled microphone and loudspeaker coverage in larger rooms.
			MAXAttach+1		MAXAttach with three phone units, each providing full dialing and call control.
			MAXAttach+2		MAXAttach with four phone units, each providing full dialing and call control.
		Wireless	MAX Wireless		The industry's first wireless analog conference phone, offers the audio quality of MAX EX without power or telephone cables.
			MAXAttach Wireless		The industry's dual-phone wireless tabletop conferencing system (scalable up to 2 phones), provides expanded wireless coverage for medium-sized conference rooms, delivering clear, full-duplex audio – all with no cables in the way.
		VoIP	MAX IP		The industry's first fully scalable SIP-based VoIP tabletop conference phone, delivers unrivaled audio clarity and room coverage for your VoIP phone system.
			MAXAttach IP		The industry's first fully scalable SIP-based VoIP tabletop conference phone (up to four phone units), delivers unrivaled audio clarity and room coverage for your VoIP phone system.
		Premium Audio Conferencing Pro	INTERACT™ AT		Complete and flexible room audio conferencing solution, for high-quality audio with desktops or laptops. Delivers professional audio with plug-and-play installation, including all the necessary audio equipment and peripherals.
			INTERACT AT Skype		Skype certified, the only room conferencing solution with built-in audio conference bridging and interoperability for media collaboration, unified communications and teleconferencing.
			INTERACT AT OC		Fully compatible with Microsoft® Lync®, the only room conferencing solution with built-in audio conference bridging and interoperability for media collaboration, unified communications and teleconferencing.
		Accessories	INTERACT MIC		3-element microphone pod providing complete, 360-degree coverage. Daisy-chain up to 3 devices, connected to INTERACT through single, Cat5 cable.
			INTERACT MIC EX		Direct interface to any professional microphone through 3 XLR connectors and built-in phantom power. Use up to 3 MIC EX devices with a single mixer.

MEDIA COLLABORATION

Software-based for cloud or room

ClearOne's software-based media collaboration solutions set themselves apart from anything available in the market. Our portfolio features award-winning cloud-based services for video, audio, and data collaboration using any device and low-cost appliances for conference rooms.

Without the burden of expensive hardware or infrastructure investments, our media collaboration solutions also include wireless presentation and whiteboarding, streaming, recording, and multi-party conferencing.

COLLABORATE®

SPONTANIA™

UNITE®

MEDIA COLLABORATION

ClearOne's media collaboration solutions represent a new breed of on-premises and cloud-based video products and services, combining rich functionality with affordability and flexible deployment options. This complete portfolio extends from the mobile device or desktop to the conference room, allowing the solutions to be hosted with ClearOne on-premises infrastructure or to be fully functional without infrastructure, utilizing the ClearOne Spontania cloud.

SPONTANIA

Cloud-based solutions portfolio, providing a full suite of integrated video, web conferencing, and UC applications. These applications can be utilized from our cloud or implemented in your own server or virtualized environment.

Spontania Standard
+ Personal virtual meeting rooms
+ Up to 25 participants per room
+ Hosted in our ClearOne cloud

Spontania Pro
+ Shared virtual meeting rooms
+ 25 participants per room
+ Up to 1000 users with IM and presence
+ Hosted in our ClearOne cloud

Spontania Classroom
+ A virtual learning environment
+ Up to 100 participants per classroom
+ Participants view up to four video streams
+ Hosted in our ClearOne cloud

Spontania Enterprise
+ On-premises software
+ Up to 2,500 users with IM and presence
+ Meeting room size is configurable

COLLABORATE®
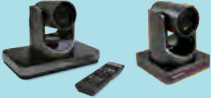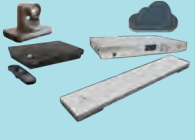
Industry's first and only versatile solution that consolidates conferencing, collaboration & communication to meet today's diverse demands

+ Any application – video conferencing, audio conferencing, presentation, white boarding, one-to-many communication, etc.
+ Any environment – huddle room to medium and large-size rooms, classrooms and training centers, etc.
+ Any device – smartphone, tablet, PC, room endpoints

Key Highlights:
+ Multi-site video conferencing with up to 5 sites joining from anywhere, using any device
+ Wireless presentation and collaboration features for in-room collaboration
+ One-to-many communication on-demand or live by capturing, recording and streaming presentations, events, lectures, conferences etc.
+ Multi-source conferencing with simultaneous capture of up to 4 video input sources
+ Two-year warranty with support and maintenance for free

COLLABORATE
Versa 100

COLLABORATE
Pro 300

COLLABORATE
Pro 600

COLLABORATE
Pro 900

		MODEL	IMAGE	DESCRIPTION
Media Collaboration	Cloud-Based	**Spontania Standard**		Individuals have their own personal virtual meeting room hosted in the ClearOne cloud, with the ability to connect up to 25 participants per room. Easily connect with internal or external team members; using video or voice and feature-rich web conferencing tools. Standards-compliant video conferencing systems can join using our optional SIP/H.323 gateway.
		Spontania Pro		Groups share virtual meeting rooms with up to 25 participants each - supporting up to 1000 users with instant messaging and presence, hosted in our ClearOne cloud. SIP/H.323 video conferencing systems can join using the included gateway(s).
		Spontania Classroom		Virtual class rooms of 100 participants optimized for distance learning. Instructors select up to four video streams which are seen by everyone.
		Spontania Enterprise		On-premises software for deployment of Spontania in a customer data center. Scales to support up to 2,500 users with virtual meeting rooms of various sizes, includes instant messaging and presence, and SIP/H.323 gateway capabilities.
		UNITE® PTZ Cameras		UNITE 200 is the most versatile and professional-grade PTZ camera in the industry with USB, HDMI, and IP connections. UNITE 150 is a professional-grade USB PTZ camera. UNITE camera is perfect for multiple applications such as web conferencing, UC applications, video conferencing, distance learning and more..
	Room	**COLLABORATE® Versa 100**		COLLABORATE Versa brings applications such as Cisco Jabber® and WebEx®, Citrix® GoToMeeting, ClearOne Spontania, Google Hangouts, Microsoft® Lync®, and Skype™ to a group room environment with professional-quality audio and video optimized for conference rooms. COLLABORATE Versa also comes with a free Spontania subscription that delivers unified collaboration experience.
		COLLABORATE® Versa 150		COLLABORATE Versa 150, a professional audio and video solution for your preferred conferencing applications in huddle space and conference rooms. With a single USB cable, connect your laptop to the room's display, video and audio.
		COLLABORATE Pro 300		COLLABORATE Pro 300 brings traditional SIP/H.323 videoconferencing and Spontania cloud video collaboration into a single appliance to connect up to 25 sites into a single meeting with users joining from anywhere, using any device. Single-site collaboration is made easy with COLLABORATE Pro 300's ability to stream content, video, whiteboardand annotations from your PC or mobile devices onto displays wirelessly.
		COLLABORATE Pro 600		COLLABORATE Pro 600 is perfect for both single-site collaboration and multi-site collaboration with up to 25 sites where users can join from anywhere, using any device. Its versatile design makes it ideal for multiple applications including videoconferencing, wireless presentations and collaborations, training, and corporate announcements, etc.
		COLLABORATE Pro 900		COLLABORATE Pro 900 is ideal for multi-site video conferencing with up to 25 sites joining from anywhere, using any device. The solution includes award-winning Beamforming Microphone Array and market-leading CONVERGE® Pro mixer for best-in-class professional audio. Multi-purpose solution – videoconferencing, professional audio conferencing, wireless presentation and collaboration, capture and recording station, streaming and distribution makes it unique of its kind.
	Infrastruc-ture	**COLLABORATE Control**		All-in-one visual communications infrastructure solution provides everything a business needs in the network, including appliance endpoint registration (SIP or H.323), multipoint control functionality supporting 24 concurrent calls and 200 registered users.
	Media Carts	**Media Stands and Carts**		Transforms any meeting space into a complete, media collaboration and conferencing room, allowing you the ease of mobility and the power of a large HD display at an affordable price. Unique carts such as the Titan Articulating Dual Plasma Cart, fit monitors from 42"-50" HD display support, with folding options for easy transport and storage.

NETWORK MEDIA STREAMING AND SIGNAGE

Highest-quality for IP networks

ClearOne's IP-based media streaming solutions provide the highest-quality media streaming on existing IP networks, unmatched in scalability, ease of implementation, and lowest total cost of ownership.

Powerful new features can be added via fast and easy software license purchases to ensure that one-time hardware investments are "future proof", and can be continuously upgraded as needed.

VIEW® Pro

VIEW®

MAGICBOX®

MEDIA STREAMING & SIGNAGE

VIEW® streaming multimedia products deliver the ultimate *AV over IP™* experience by streaming high-definition audio and video and control over TCP/IP networks.

By combining audio and/or video content, meta-data, and control signals into one stream, over existing IP networks, ClearOne's StreamNet® solutions enable *The Power of AV over IP™* for burgeoning markets such as digital signage, enterprise multimedia streaming, and even home entertainment.

VIEW® Pro

ClearOne's VIEW Pro delivers the highest-quality multimedia streaming over an existing IP network. Experience the ultimate 4:4:4, true-color digital media distribution— unmatched in scalability and ease of deployment.

+ Efficient H.264-based streaming with lossless compression, bandwidth-efficient high-profile encoding, and low end-to-end latency
+ Ultra high-quality video— 4:4:4 and 4:2:0 color space support and video scaling
+ Standard computer resolutions hot-swap supported, up to 1920x1080@60 fps (1080p60), scaling by decoder to match the connected display
+ Compatible with StreamNet® technology for auto-discovery and selection, configuration, and simple control using TouchLinX™ and VIEW Virtual Matrix software
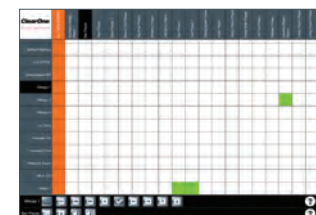+ RS232, GPIO, and IR support for trigger and control events

VIEW Pro Software Feature Licenses

+ **PANORAMA™ Video Compostiion & Video Wall Feature Licenses** - These 2 composition support licenses (one for VIEW Pro Encoders and one for Decoders) enable multiple streams/zones to be shown on a single display, and allows for producing images suitable for multi-display video walls. PANORAMA is the configuration software to create Video Composition (video windowing) and Video walls on the VIEW Pro Encoder E120 and Decoders D110, D210 products
+ **RTSP/UDP Licenses** - The VIEW Pro Encoder license allows H.264 streams to be sent to 3rd-party decoders; and the VIEW Pro Decoder license enables receiving H.264 streams from 3rd- party IP streaming devices such as VLC, streaming servers, or IP cameras. Also supports unicast and multicast streams
+ **StreamNet Audio Licenses** - These 2 audio support licenses make the VIEW Pro and legacy StreamNet/VIEW devices audio-compatible
+ **Local Playback License** - The Local Video Playback support license for VIEW Pro Decoders enables local playback of supported video files from an external USB drive connected to the decoder
+ **USB HID License** - The USB HID support license for VIEW Pro Decoders enables connection of an HID (Human Interface Device) compliant keyboard and mouse to the decoder which then extends the mouse and keyboard to the mouse and keyboard ports of the video source connected to a VIEW Pro encoder (Future Release)

VIEW Virtual Matrix (VVM) Software

Provides the user with simple and single screen control for an entire StreamNet deployment.

+ Provides the user with simple, single-screen control for an entire StreamNet deployment
+ Complements StreamNet projects by adding a control option through any connected Microsoft Windows 7/8 OS computer, Android smartphone/tablet, or iOS iPhone/iPad device including Mac OsX 10.9 Mavericks
+ Performs auto discovery of the connected StreamNet products; representing them in the matrix view
+ Users can easily choose & control the connected encoder (source) & decoder (destination)
+ Supports both VIEW and VIEW Pro devices

MODEL	IMAGE	DESCRIPTION
VIEW Pro E120 Encoder		Streams H.264-based multimedia with virtually lossless compression. Supports 4:4:4 and 4:2:0 color space and all standard computer resolutions up to 1920x1080@60 (1080p60). Dual HDMI inputs and StreamNet® compatible for auto-discovery, configuration, and control. Supports video composition.
VIEW Pro E110 Encoder		Streams same as E120; but with a single HDMI input. Streams H.264-based multimedia with virtualy lossess compression. Supports 4:4:4 and 4:2:0 color space and all standard computer resolutions up to 1920x1080@60 (1080p60). StreamNet compatible for auto-discovery, configuration, and control. Supports video composition.
VIEW Pro D110 Decoder		Streams H.264-based multimedia with virtually lossless compression. Supports 4:4:4 and 4:2:0 color space and all standard computer resolutions up to 1920x1080@60. Supports video composition. Single HDMI output for full 1080p & HDCP for protected content. StreamNet compatible for auto-discovery, configuration, and control.
VIEW Pro D210 Decoder		The economical VIEW Pro D210 Decoder incorporates some of the same performance features as the larger VIEW Pro D110 Decoder including 1080p60, H.264 high-definition HDMI video-audio, and 4:4:4 true-color output. It differs from D110 Decoder with: balanced audio & analog audio outputs, IR & GPIO controls, clock-synchronized video output.
VIEW Pro D310 Decoder		The most economical VIEW Pro Decoder supports all types of AV sources to be distributed through existing Ethernet networks to single-image, full-screen video applications. Supports up to 1080p60, 4:2:0 color space applications. It does not support any advanced software licensing features like D110 and D210 Decoders.
VIEW MLAV9500 Digital AV Encoder		Encodes each digital source component, making it available to a virtually unlimited number of displays anywhere on the StreamNet network, without the need for additional control components.
VIEW VL9300 Digital AV Decoder		IP-based, decodes full HD 1080p audio/visual content at each display on the StreamNet network, eliminating the need for additional control components.
VIEW MLAV9300 Analog AV Encoder		IP-based audio & video encoder for real-time encoding of both SD and HD video signals from legacy video sources into digital TCP/IP packets: composite, S-Video, component, VGA in, S/PDIF multi-channel & analog 2-channel audio inputs. Lowest latency across the StreamNet network, with one-way and two-way control and power management of the source.
VIEW VL9100 Analog AV Decoder		Decodes in real-time both SD and HD video and audio signals at each display on the StreamNet network, eliminating the need for additional control components. Each zone is synchronized within 500 microseconds to prevent echo.
VIEW VL100 Analog AV Decoder		IP-based audio/video decoder unobtrusively mounts adjacent to displays, providing real-time decoding of a TCP/IP uncompressed AV stream from a standard Gigabit TCP/IP network into an analog or S/PDIF audio signal and a component, composite, S-Video or VGA video signal for output to a display.
VIEW MLA9101 Audio Encoder		The gateway for network audio, encodes and prepares audio for distribution across the StreamNet network, providing one-way and two-way control and power management of the source.
VIEW IMPRESS® IM100		Scalable digital signage system that is integrated with the StreamNet network for single-source control of multiple HD video displays.
VIEW Multimedia Receiver (VMR) Software		Provides the user with a Microsoft Windows 7 PC software decoder to receive compressed multimedia or audio streams from StreamNet® encoder devices such as the MLAV9500, SpeakerLinX or ViewLinX device.
VIEW Virtual Matrix (VVM) Software		Complements StreamNet projects by adding a simple and single-screen control option through any connected Microsoft Windows 7/8 OS computers, and Android, iOS devices. Also gives complete project view of the connected StreamNet products.

Left vertical labels:
Network Media Streaming & Signage
Multimedia Streaming
AV Encoders & Decoders
Software

MEDIA STREAMING & SIGNAGE

VIEW®

By streaming multimedia over TCP/IP, drastic improvements in flexibility, scalability, and price/performance are achieved over traditional AV distribution methods.

Superior audio performance
+ StreamNet® technology maintains audio/video synch between each zone within 500 microseconds
+ Decentralized architecture handles high-capacity, AV digital signal processing without slowing
+ DVI/HDMI video input, Full HD 1080p, SD and HD video encoding

VIEW MLAV9500

Unmatched flexibility and compatibility
+ Virtually unlimited displays with the ability to scale by one
+ Unmatched source and legacy system compatibility with analog and digital (HDMI) audio outputs
+ Complete media room and source control using IR, RS-232 and CEC
+ Flexible rack and surface-mounting options

VIEW VL9300

MagicBox® WebSuite— Cloud-Hosted SaaS

Cloud-based digital signage software platform allows control of an entire signage network from any web browser at any location.

+ Control administrative rights for multiple users across multiple projects
+ Maintain and organize content with a cloud-hosted server for safe and secure storage
+ Access account through any browser platform
+ Push and pull methods send content to media server immediately or at scheduled intervals, respectively
+ Easily scale a signage network
+ Reduce overhead costs by leveraging efficient platform maintenance and security in the cloud

MagicBox® WebSuite— On-Premises Server (ELS)

An on-premises server for multiple Aavelin® media player deployments, the ELS supports up to 5, 15 and 25 field-upgradable players.

+ Unlimited number of user accounts
+ Manage and maintain server and players on a secure network behind a firewall
+ Push and pull methods send content to media server immediately or at scheduled intervals, respectively
+ E-SATA port for external hard drive backup
+ Gigabit Ethernet for high-speed network communication
+ No recurring costs

MODEL	IMAGE	DESCRIPTION
VIEW SLX300		Powerful digital amplifier and zone controller, featuring two channels at 100 watts in a small form factor. Easily connected to a StreamNet-enabled network, the built-in web server and browser-based interface provide simple control from any Flash-enabled device.
VIEW SL251		IP-based controller/amplifier designed to mount on or adjacent to a loudspeaker. Includes 2 built-in 50-watt amplifiers and flash-enabled web server to provide complete control from any computing or display device that hosts a web browser.
VIEW SL9250		IP-controlled 2 x 50 watt class D amplifier/web server for complete control from any web-enabled device. The SL9250 supports virtually unlimited zones, system-wide synchronization and digitally perfect audio distribution with a built-in 4-band graphic equalizer and 12 DSP presets.
VIEW SL254		IP-based controller/amplifier designed to mount on or adjacent to a loudspeaker. Includes 4 built-in 25-watt amplifiers, 4-band graphic equalizer with 12 DSP presets and crossover for IP-ready speakers.
VIEW AMP2200		Professional amplifier with an EIM interface for direct connection to an SL audio decoder. Provides 200 watts per channel or 600 watts bridged for use with ClearOne products or with third-party systems.
VIEW TL700		IP-based, in-wall, LCD touch screen, featuring a 7-inch, high-resolution, TFT color display for audio file meta-data and transport controls for each audio/video source.
VIEW TL430		IP-based, in-wall, LCD touch screen, featuring a 4.3-inch, high-resolution, TFT color display for audio file meta-data and transport controls for each audio/video source.
iPod® Dock IPD100		Interface for Apple® iPod media players with DigiLinX system through SpeakerLinX local input port to become an integral part of a multi-room audio system.
BluePort® BP200		Simple-to-use digital wireless audio gateway, to transmit digital audio from a source with Bluetooth A2dP support up to 33 feet to a DigiLinX, VIEW™, or NaimNet multi-room system.
VIEW PL140		40-watt power supply designed to locally power individual devices.
VIEW PL250		100-Watt plug-in power supply designed to power one SL251 and one TouchLinX touch screen, as the perfect solution for retrofit installations.
VIEW PL960		Intelligent power supply featuring 8 discrete power-output channels for multiple VIEW devices. Designed to distribute up to 21 amps @ 28 VDC of power for installations incorporating the SL251, supporting multiple SpeakerLinX products.

Network Media Streaming & Signage

Multimedia Streaming

Audio Decoders & Amplifiers

Source and Control Interfaces

Power & Accessories

MEDIA STREAMING & SIGNAGE

|		MODEL	IMAGE	DESCRIPTION
Network Media Streaming & Signage	**Digital Signage** / Server	**WebSuite SaaS**		A cloud-based digital signage software platform. Available in both SaaS and our on-premises server. Players and content can be controlled from a web browser at any location.
	Server	**Entry-Level Server (ELS) with WebSuite**		On-premises, self-hosted server for the WebSuite digital signage platform with maximum security and enterprise-level management.
	Software	**Aavelin Composer**		Included with each Aavelin system, used to create and schedule content. Easily installs on a Windows PC with an intuitive drag-and-drop interface containing everything needed to create quick and effective content.
	Software	**EZ-Stream**		Database integration software with a flexible template designer. Interfaces with a large variety of database sources, allowing user to automate extraction and display of data on MagicBox Player or Room Roster.
	Software	**E-Blast**		E-Blast software is a handy application for sending time critical messages to your digital signage system that needs to be created and seen quickly.
	Media Players	**Aavelin AV1080P**		Rack-mountable player combining high-resolution output and multiple video inputs with the horsepower to drive even the most demanding multimedia content.
	Media Players	**Aavelin SignMate AV800/AV800V**		The power of the Aavelin 1080p with fewer video inputs. Small form factor designed for rack mounting or to sit behind a display.
	Media Players	**Aavelin Café AV500**		Ideal for digital menu boards, lobby displays showing scheduling information, or advertising. Includes Composer software and/or EZ-Stream. Available as web-based or desktop.
	Media Players	**Aavelin SDRT AV200**		Rack-mountable player with composite output and 4 video inputs. Supports 4 overlay regions, flash, and short video clips. Designed for use on cable access channels.
	Media Players	**Aavelin SD AV100**		Rack-mountable player with composite output. Supports 4 overlay regions, flash and short video clips. Designed for use on cable access channels.
	Room Display	**RoomRoster™**		Power over Ethernet (PoE) capable, bundled with EZ Stream software to extract information from a database. Can be surface or in-wall mounted outside of conference room.

AUDIO DISTRIBUTION

Flexible and scalable architecture

ClearOne's network IP-based audio distribution system increases the scalability and reliability of networked voice and sound applications without any distance limitations. The system, with its flexible and scalable architecture, is suitable for small, medium, and large projects using existing IP networks.

CONVERGE SR

CONVERGE MATRIX
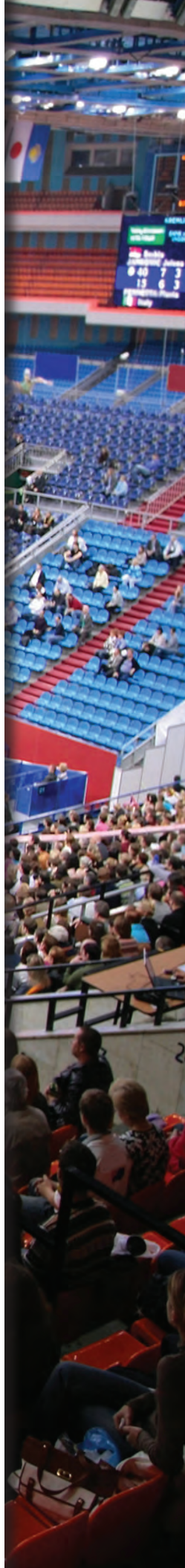
AUDIO DISTRIBUTION

ClearOne's network IP-based audio distribution system increases the scalability and reliability of networked voice and sound applications without any distance limitations. The system, with its flexible and scalable architecture, is suitable for small, medium, and large projects using existing IP networks.

CONVERGE® MATRIX

A complete mixer and router that provides new opportunities for large-scale pro audio installations from 64x64 up to 512x512 audio channels, with the CONVERGE product line using Dante audio-over-IP networking technologies.

High-quality audio conferencing systems are critical for enabling productive meetings where decisions are made quickly and important issues are addressed.

ClearOne's professional audio products are the most sophisticated, feature-rich systems on the market, offering unrivaled audio processing performance.

CONVERGE® SR

Cloud-based digital signage software platform allows control of an entire signage network from any web browser at any location.

+ Control administrative rights for multiple users across multiple projects
+ Maintain and organize content with a cloud-hosted server for safe and secure storage
+ Access account through any browser platform
+ Push and pull methods send content to media server immediately or at scheduled intervals, respectively
+ Easily scale a signage network
+ Reduce overhead costs by leveraging efficient platform maintenance and security in the cloud

ABOUT CLEARONE

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

Our products are used by organizations ranging from Fortune 100 to medium and small businesses. These companies include a wide range of markets, such as: enterprise, healthcare, education and distance learning, government, legal and finance.

Our solutions save organizations time and money by creating a natural environment for collaboration and communication.

Great ideas need to be heard *and seen*