

ClearOne - 2023

ClearOne®

Great ideas need to be heard and seen

Enhance Your Audio-Visual Communication Experience



ClearOne Overview

- Company Info
- What We Do
- Solutions



Company Info

- Founded in 1983
- Listed on NASDAQ for over two decades
- A long history of multiple prestigious awards including Deloitte, Forbes and Frost & Sullivan
- Wide channel coverage with sales in 60+ countries; with dedicated sales resources to cover every major market
- Employs a workforce of over 200 direct and indirect employees across the globe including USA, Canada, Europe, Middle East, India, China, SE Asia and Latin America
- Offers 24/7 technical support worldwide

Corporate Headquarters
Edgewater Corporate Park South Tower
5225 Wiley Post Way,
Salt Lake City, UT 84116

Austin, Texas

Gainesville, Florida

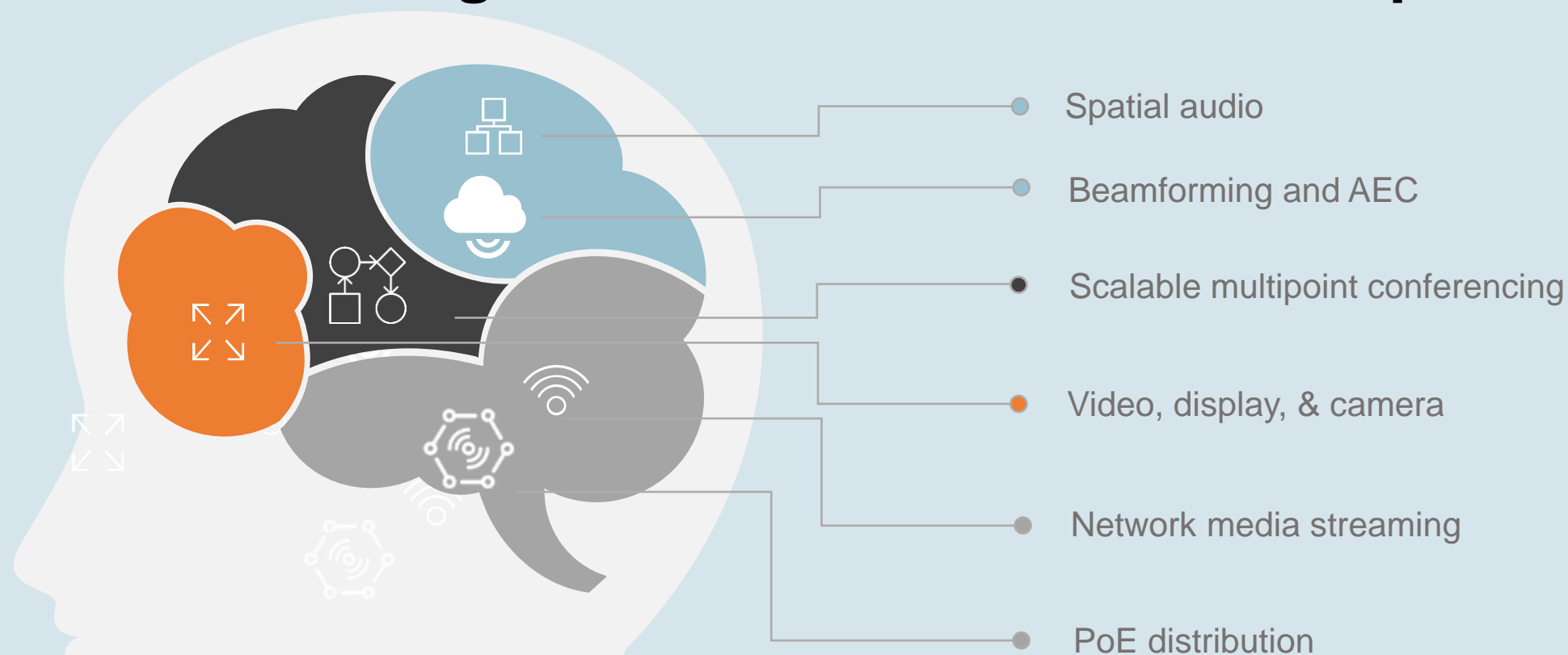
Zaragoza, Spain

Dubai, U.A.E.

Chennai, India

Causeway Bay, Hong Kong

Company Info— 80+ Patents Driving Market Innovation Leadership



What We do

Conferencing & Collaboration solutions across Organizations And Workspaces

Complete suite of Plug-Play & advanced Professional audio and video conferencing solutions

Any organization



Finance



Legal



Healthcare



Government



Education



Enterprise

Any workspace



Home Offices



Personal Spaces



Conference Rooms



Classrooms



Auditoriums



Large Venues

Introduction to ClearOne Conferencing Solutions



Professional Camera



Speakerphones



Professional Audio Conferencing



Conferencing Bundles



Unified Collaboration Switcher



Unite Series

UC Video

Professional Camera

Professional Camera Solutions – Huddle Rooms



UNITE® 10

- ✓ 1080p30 resolution
- ✓ 87° FOV
- ✓ USB 2.0

P/N 910-2100-010



UNITE® 20

- ✓ 1080p30 resolution
- ✓ 120° FOV
- ✓ USB 2.0
- ✓ UVC Control

P/N 910-2100-020



UNITE® 50

- ✓ 4K30 resolution
- ✓ 3x Digital Zoom
- ✓ 120° FOV
- ✓ USB 3.0/2.0
- ✓ UVC Control

P/N 910-2100-006



UNITE® 50 AF

- ✓ 4K30 resolution
- ✓ 3x Digital Zoom
- ✓ 110° FOV
- ✓ USB 3.0/2.0
- ✓ UVC Control
- ✓ Auto-framing using artificial intelligence

P/N 910-2100-008

[Auto-Framing demo](#)



UNITE® 60 4K

- ✓ 4K30 resolution
- ✓ 3X Digital Zoom
- ✓ 120° FOV
- ✓ USB 3.0/2.0
- ✓ UVC Control
- ✓ Multiple Tracking Modes:
 - Track Participant, Track Speaker and Track Person
- ✓ Smart Face or Voice Tracking

P/N 910-2100-009
[Tracking Modes](#)



UNITE® 180

- ✓ 4K30 resolution
- ✓ 4x lossless Zoom
- ✓ 180° panoramic
- ✓ Multiple display modes –
 - Compose, Manual, Autoframing, Grid, Speaker, Presentation
- ✓ Supports people tracking

P/N 910-2100-180

Unite Series

UC Video

Professional Camera

Professional Camera Solutions – Medium/Large Rooms



UNITE® 150

- ✓ 1080p30 resolution
- ✓ 12x Optical Zoom
- ✓ 73° FOV
- ✓ USB 3.0/2.0
- ✓ RS-232
- ✓ UVC Control
- ✓ Flexible mounting – wall, ceiling, upside down

P/N 910-2100-004
[Camera-tracking with BMA 360](#)



UNITE® 160 4K

- ✓ 4K30 resolution
- ✓ 12x Optical Zoom
- ✓ 71° FOV
- ✓ USB 3.0/ 2.0
- ✓ UVC PTZ Control
- ✓ Multiple Tracking Modes:
- ✓ Auto Framing and
- ✓ Smart Face Tracking

P/N 910-2100-012
[Tracking Modes](#)



UNITE® 200

- ✓ 1080p60 resolution
- ✓ 12x Optical Zoom
- ✓ 73° FOV
- ✓ Supports PoE
- ✓ USB 3.0/2.0
- ✓ HDMI
- ✓ IP [RTMP and RTSP]
- ✓ Simultaneous output via USB, HDMI and IP
- ✓ RS-232
- ✓ UVC Control
- ✓ Flexible mounting – wall, ceiling, upside down

P/N 910-2100-003
[Camera-tracking with BMA 360](#)



UNITE® 200 Pro

- ✓ Full HD 1080p60 resolution
- ✓ 20x optical zoom plus 16x digital zoom,
- ✓ H.264/H.265 streaming and line-in interface
- ✓ Supports PoE
- ✓ USB 3.0/2.0
- ✓ YUY2, MJPEG and H.264 video formats
- ✓ RS485 and RS232 control
- ✓ Flexible mounting – wall, ceiling, upside down

P/N 910-2100-080
[Camera-tracking with BMA 360](#)



UNITE® 260 Pro

- ✓ 4K30 resolution
- ✓ 20x optical zoom plus 16x digital zoom,
- ✓ Auto Framing
- ✓ Smart Face Tracking
- ✓ H.264/H.265 streaming and line-in interface
- ✓ Supports PoE
- ✓ USB 3.0/2.0
- ✓ YUY2 and MJPEG
- ✓ RS485 and RS232 control

P/N 910-2100-018

Speakerphones for Personal, Huddle & Medium Rooms



Chat® 50

- ✓ Personal Speakerphone
- ✓ Inbuilt Noise Cancellation
- ✓ Inbuilt Acoustic Echo Cancellation(AEC)
- ✓ HDConference® audio technologies
- ✓ UC application like Teams, Zoom, Webex & others
- ✓ USB 2.0
- ✓ 3.5mm jack for phone
- ✓ Small form factor



CHAT® 150

- ✓ Group Speakerphone
- ✓ 4-6 Seater
- ✓ 3 Microphones- 360 Degree Coverage
- ✓ Inbuilt Noise Cancellation
- ✓ Inbuilt Acoustic Echo Cancellation(AEC)
- ✓ Daisy Chain to another unit
- ✓ First Mic Priority
- ✓ HDConference® audio technologies
- ✓ Push button for Mute & Volume Control
- ✓ USB Connectivity
- ✓ UC application like Teams, Zoom, Webex & others



Chat® 150BT

- ✓ Group Speakerphone
- ✓ 4-6 Seater
- ✓ 3 Microphones- 360 Degree Coverage
- ✓ Inbuilt Noise Cancellation
- ✓ Inbuilt Acoustic Echo Cancellation(AEC)
- ✓ First Mic Priority
- ✓ HDConference® audio technologies
- ✓ Capacitive button for Volume & Mute
- ✓ USB & Bluetooth Connectivity
- ✓ Bluetooth Dongle
- ✓ UC application like Teams, Zoom, Webex & others



ChatAttach® 150

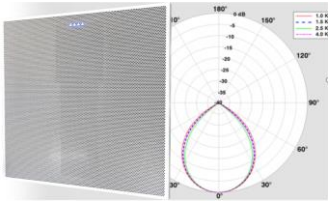
- ✓ Group Speakerphone
- ✓ 10--14 Seater
- ✓ 2 x Chat 150 + Extension cable with power
- ✓ Inbuilt Noise Cancellation
- ✓ Inbuilt Acoustic Echo Cancellation(AEC)
- ✓ First Mic Priority
- ✓ HDConference® audio technologies
- ✓ Push button for Mute & Volume Control
- ✓ USB Connectivity
- ✓ UC application like Teams, Zoom, Webex & others

Microphones

Professional Audio-Microphones

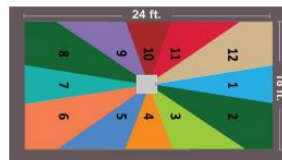
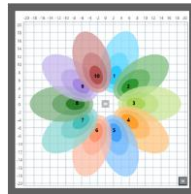
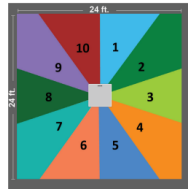
Professional Audio Conferencing

Professional Microphones – Beamforming Technology



BMA 360

- ✓ 121 Microphones- MEMS
- ✓ 3 Types of coverage Pattern
- ✓ Custom Beampointing
- ✓ Support for Camera Tracking
- ✓ FiBeam & DsBeam
- ✓ Supports Voice Lift
- ✓ 4x15W Amplifier inbuilt
- ✓ Daisy Chain for large system
- ✓ Requires Audio Processor
- ✓ Inbuilt Echo Cancellation
- ✓ Inbuilt Noise Cancellation



BMA CT

- ✓ 24 Microphone Capsules
- ✓ 2x10W Amplifier
- ✓ Daisy Chainable
- ✓ Requires Audio Processor
- ✓ Inbuilt Noise Cancellation
- ✓ Inbuilt Echo Cancellation



BFM 2

- ✓ 24 Microphone Capsules
- ✓ Daisy Chainable
- ✓ Required Audio Processor
- ✓ Inbuilt Echo Cancellation
- ✓ Inbuilt Noise Cancellation
- ✓ Flexible mounting – wall, ceiling, table

Microphones

Professional Audio-Microphones

Professional Audio Conferencing

Professional Microphones – Traditional Microphones



Analog-X/Dante

- ✓ 3 Microphone Capsule
- ✓ Analog and Dante Version
- ✓ Works with C1 & Third Party Processors
- ✓ Drop down 0-7 Feet
- ✓ 100% RF Shielding for interferences
- ✓ LED indicator for each mics
- ✓ Available in White & Black



Wireless Mics

- ✓ 2,4 & 8 Channel System
- ✓ 4 & 8 Channel Can be daisy Chained
- ✓ UHF Frequency, Multiple Bands
- ✓ Handheld, Boundary, Lapel, Gooseneck as choice of transmitter
- ✓ Digital RF transmission with 256 Bit Encryption
- ✓ Charging Dock
- ✓ Free Antenna Design



Delta Microphone

- ✓ 3 Microphone Capsule
- ✓ 360 Degree Coverage
- ✓ Work with C1 & Third Party Mixers
- ✓ Sleek, Low Profile Design



Boundary/Buton Microphone

- ✓ Single Microphone Element
- ✓ 120 Degree Coverage
- ✓ Work with C1 & Third Party Mixers
- ✓ Table Top/Embedded Version
- ✓ Sleek, Low Profile Design

Amplification

Professional Audio

Professional Audio Conferencing

Professional Audio – Amplifiers and Speakers



Amplifier- PA460

- ✓ 4 Channel Amplifier
- ✓ Class D Technology
- ✓ 60W Each channel at 8 Ohms
- ✓ Can be bridged to support 120W
- ✓ 70/100V is available in bridge mode.



Ceiling Speaker

- ✓ 2-Way Coaxial ceiling Speakers
- ✓ 50W RMS
- ✓ Metal Back Can
- ✓ Available in white



Wall Speaker

- ✓ 2-way wall-mount, coaxial 4-inch speaker
- ✓ 20 Watts rated power, 40 Watts max power
- ✓ Adjustable Wall Mount Included
- ✓ Available in Black and White

Audio Processors

DSP Mixers

Professional Audio Conferencing

Professional Microphones – Audio Processors



Interact Pro/AT Series

- ✓ Works with Traditional Mics Only
- ✓ Telco Bridge(POTS)
- ✓ External USB Bridge for Software based conferencing
- ✓ Works with Traditional VC Systems
- ✓ Limiting system Scaling option



Converge Pro2 Series

- ✓ Works with traditional Mics/Beamforming Microphones
- ✓ 12 Units can be daisy Chained for larger systems
- ✓ Multiple SKU with different connectivity option
- ✓ Integrates with Cisco/Poly/Clearone/Lifesize VC Systems
- ✓ VOIP, Telco, Dante Connections
- ✓ Native Camera tracking
- ✓ Built in USB for soft Codec Application.
- ✓ Internal Bus system(P Link & Clink) for ClearOne interconnectivity.



Converge Huddle

- ✓ Works with traditional Mics/Beamforming Microphones- Single Beamforming Mic BMA CT
- ✓ Stand Alone System for huddle rooms
- ✓ Supports room display Connectivity
- ✓ Supports Camera Connectivity
- ✓ USB Connection for PC for software-based conferencing
- ✓ Inbuilt 2 Channel Amplifier

Versa Bundles

BYOD Conferencing

Conferencing Bundles

Audio & Video Bundles – Huddle Spaces – Plug & Play



Collaborate Versa MediaBar

- ✓ 4K Camera, 110 Degree Wide
- ✓ AI Based Speaker tracking, Framing
- ✓ Inbuilt mic & Speaker with AEC, NC
- ✓ USB 3.0 & Bluetooth Connectivity
- ✓ Versatile Mounting
- ✓ 4-6 Seater Room
- ✓ UC application like Teams, Zoom, Webex & others



Collaborate Versa 60

- ✓ 4K30 Camera , 120 Degree Wide - Unite 60 Camera
- ✓ Chat 150 Speakerphone
- ✓ Versa Hub Docking Station
- ✓ Multiple Tracking Modes:
- ✓ Track Participant, Track Speaker and Track Person
- ✓ 4-6 Seater Room
- ✓ Single Cable Connectivity to PC
- ✓ UC application like Teams, Zoom, Webex & others



Collaborate Versa 160

- ✓ 4k30 Camera with 12x Optical Zoom, 73° FOV – Unite 160 4K Camera
- ✓ Chat 150 USB Speakerphone
- ✓ Versa Hub Docking Station
- ✓ Multiple Tracking Modes:
- ✓ Auto Framing and Smart Face Tracking
- ✓ Recommended for 4-6 Seater Room
- ✓ 8-14 Seater with additional Speakerphone (Optional)
- ✓ Single Cable Connectivity to PC
- ✓ UC application like Teams, Zoom, Webex & others



Collaborate Versa Pro 60

- ✓ 4K30 Camera , 120 Degree Wide - Unite 60 Camera
- ✓ Converge Huddle DSP Mixer with Ceiling Mic Array
- ✓ Speakers - Wall/Ceiling (Optional)
- ✓ Multiple Tracking Modes:
- ✓ Track Participant, Track Speaker and Track Person
- ✓ 4-6 Seater Room
- ✓ Single Cable Connectivity to PC
- ✓ UC application like Teams, Zoom, Webex & others



Collaborate Versa Pro 160

- ✓ 4k30 Camera with 12x Optical Zoom, 73° FOV – Unite 160 4K Camera
- ✓ Converge Huddle DSP Mixer with Ceiling Mic Array
- ✓ Speakers - Wall/Ceiling (Optional)
- ✓ Multiple Tracking Modes:
- ✓ Auto Framing and Smart Face Tracking
- ✓ Recommended for 4-6 Seater Room
- ✓ Single Cable Connectivity to PC
- ✓ UC application like Teams, Zoom, Webex & others

Versa Bundles

BYOD Conferencing

Conferencing Bundles

Audio & Video Bundles – Huddle Spaces – with Professional Audio



Collaborate VersaLite CT

- ✓ Audio only Bundle
- ✓ BMA CT Microphone with built-in AEC & NC
- ✓ Built in 2 Channel Amplifier
- ✓ Speakers - Wall/Ceiling (Optional)
- ✓ Versa USB
- ✓ Recommended for 8-14 Seater room
- ✓ Clutter Free Table
- ✓ UC application like Teams, Zoom, Webex & others



Collaborate VersaPro CT

- ✓ Audio only Bundle
- ✓ BMA CT Microphone with built-in AEC & NC
- ✓ Converge Huddle DSP
- ✓ Built in 4 Channel Amplifier with additional POE(Optional)
- ✓ Speakers - Wall/Ceiling (Optional)
- ✓ Recommended for 8-14 Seater room
- ✓ Clutter Free Table
- ✓ Single Cable Connectivity to PC
- ✓ UC application like Teams, Zoom, Webex & others



Collaborate VersaRoom CT

- ✓ Complete Bundle with Audio, Camera & Connecting Cables
- ✓ Room in a Box
- ✓ Unite 60 4k Camera
- ✓ BMA CT Microphone with built-in AEC & NC
- ✓ Built in 2 Channel Amplifier
- ✓ Ceiling Speakers – 1 Pair along with Speaker Cable
- ✓ Versa USB with CATx Cable
- ✓ Versa Hub with 10 mtr USB 3.0cable
- ✓ Recommended for 8-14 Seater room
- ✓ Clutter Free Table
- ✓ UC application like Teams, Zoom, Webex & others



Collaborate VersaRoom CT 160

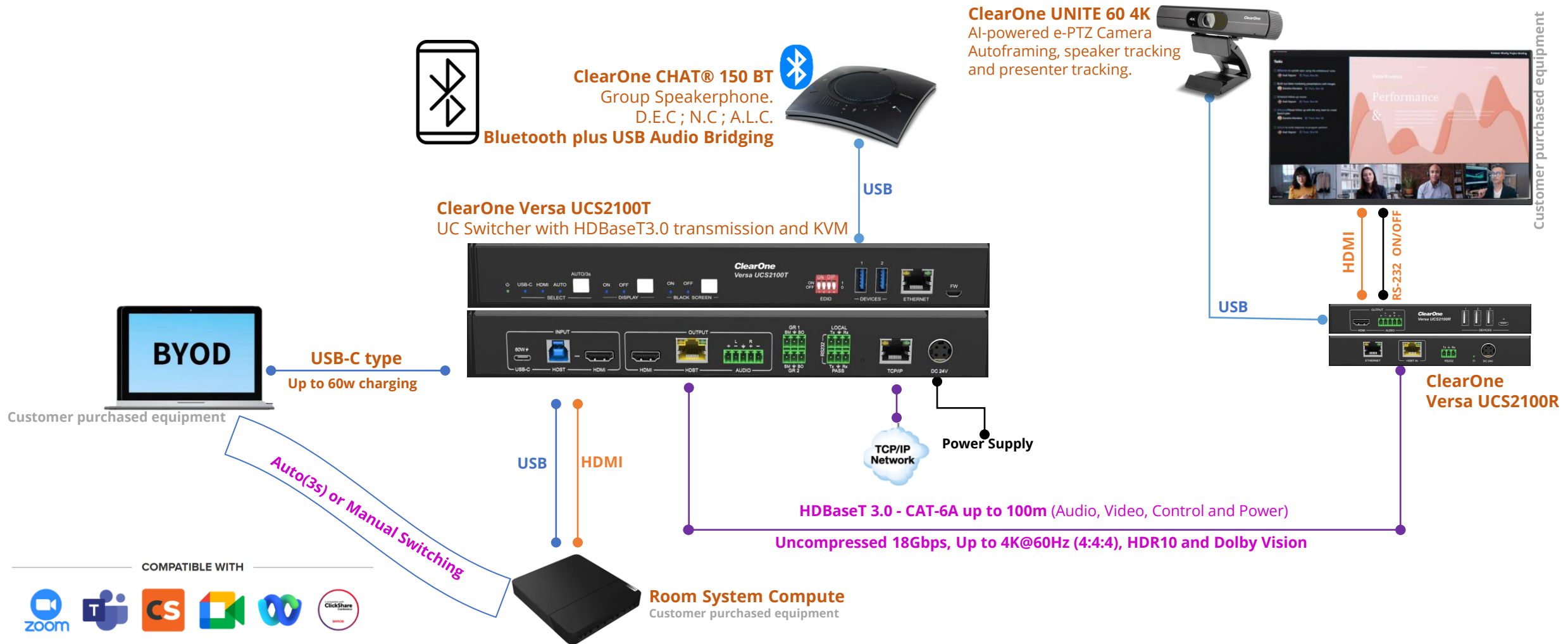
- ✓ Complete Bundle with Audio, Camera & Connecting Cables
- ✓ Room in a Box
- ✓ Unite 160 4k Camera
- ✓ BMA CT Microphone with built-in AEC & NC
- ✓ Built in 2 Channel Amplifier
- ✓ Ceiling Speakers – 1 Pair along with Speaker Cable
- ✓ Versa USB with CATx Cable
- ✓ Versa Hub with 10 mtr USB 3.0cable
- ✓ Recommended for 8-14 Seater room
- ✓ Clutter Free Table
- ✓ UC application like Teams, Zoom, Webex & others

Switching Solution

InRoom PC and BYOD Conferencing

Collaboration Switcher

Bridging Gap of InRoom PC Collaboration with BYOD Requirements



InRoom PC and BYOD Conferencing

Bridging Gap of InRoom PC Collaboraion with BYOD Requirements



Installation Reference- Adnoc- UAE

Brief:

Integration with Existing Video Conference Systems as well as Integration with PC based conferencing, Non table seating areas to be covered

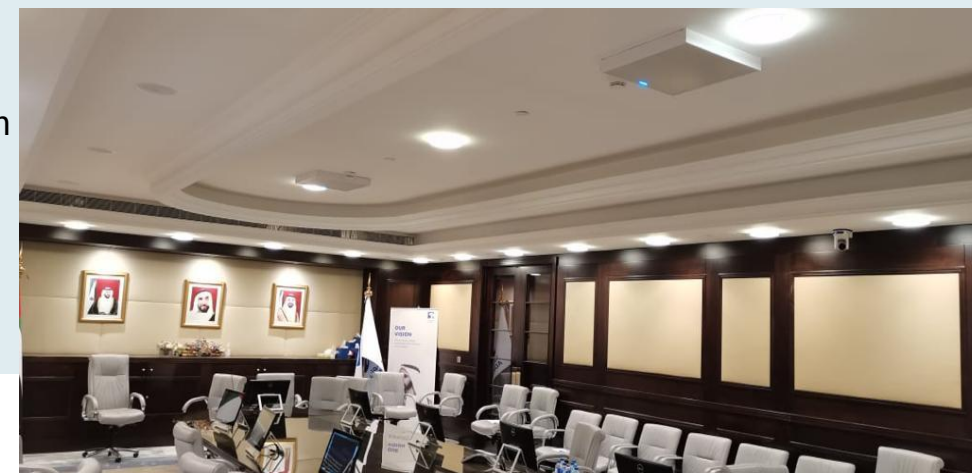
Equipment's Used:

BMA 360 , BMA CT
Converge Pro2 DSP

Functionality Achieved:

Touchless natural sounding conferencing audio for Codec based and PC based calls with a single system

BMA 360 offered complete room coverage without worrying about the position of the talker.



Installation Reference- BIBF- Bahrain

Brief:

Enabling Distance learning solutions for training rooms

Equipment's Used:

10 x Versa Pro CT

Functionality Achieved:

Touchless natural sounding conferencing audio for distance learning solutions

Versa Pro CT offered complete room consistent audio pickup for the presenter in the room



Installation Reference- SIG Combibloc, UAE

Brief:

Integration with existing MTR systems and Barco Click Share for Audio

Equipment's Used:

BMA 360 , USB Expander

Converge Pro2 DSP

Functionality Achieved:

Unified experience of Audio technology at different space through BYOD or in room PC system.

BMA 360 offered exceptional audio quality across different spaces.



Installation Reference- Micro Teaching Lab, Oman

Brief:

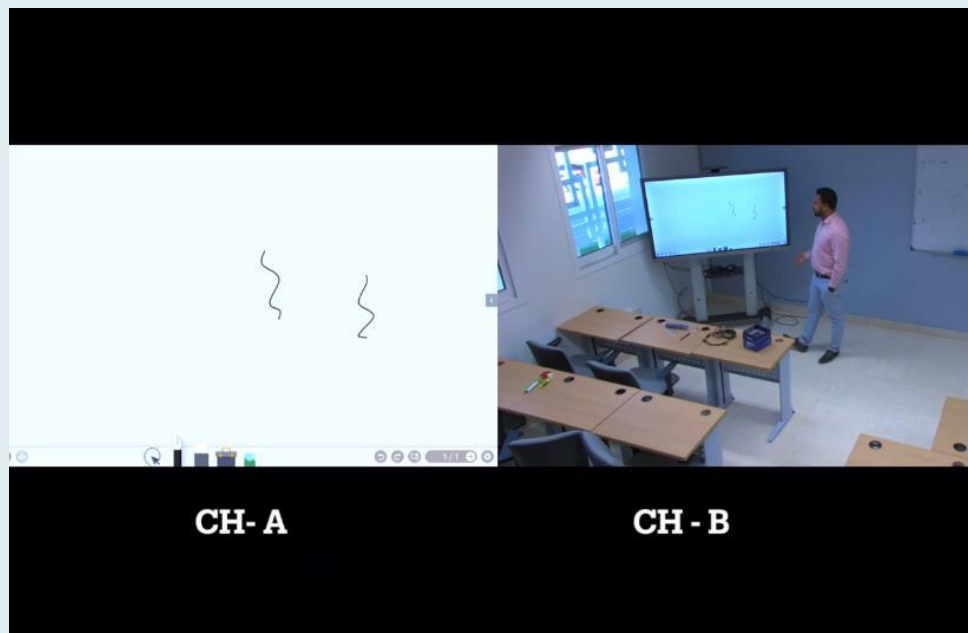
Lecture Recording with Streaming
& Camera Tracking

Equipment's Used:

BMA 360 , USB Expander
Converge Pro2 DSP
Unite Camera

Functionality Achieved:

Recording System for lecture for
entire classroom.
Live Streaming
Camera tracking for Presenter and
Audience along with camera
switching.



Installation Reference- DAR Consultants, UAE

Brief:

Clutter free audio solution for MD's room

Equipment's Used:

BMA 360 , USB Expander

Converge Pro2 DSP

Functionality Achieved:

Unified experience of Audio technology at different space through BYOD

BMA 360 offered exceptional audio quality across different spaces.

Clutter free table



Installation Reference- Ooredoo, Qatar

Brief:

Integration with Existing Video Conference Systems as well as Integration with PC based conferencing

Equipment's Used:

3 x Converge Pro2 48VT DSP Mixer

3 x BMA 360 Ceiling Tile Beamforming Microphone Array

Functionality Achieved:

The BMA 360 ceiling tile microphone ensures perfect intelligibility for every participant during Microsoft Teams meetings. It's like giving each participant a personal handheld microphone!

Annoying echoes and background noise (air exchange) are also automatically filtered out.

Based on the active beam report from the BMA 360, the PTZ camera will automatically switch to active talker in the room.



Installation Reference- Investment Corp, Bahrain

Brief:

Integration with Existing Cisco Codec for conferencing as well as Integration for Camera tracking, Voicelift in large space

Equipment's Used:

2 x Converge Pro2 48VT DSP Mixer

6 x BMA 360 Ceiling Tile Beamforming Microphone Array

4 x Unite 200 Camera

Functionality Achieved:

The BMA 360 ceiling tile microphone ensures perfect intelligibility for every participant during Cisco.

Voicelift ensured every person is heard in the same room.

Automatic switching between Cisco Speaker track & Clearone Cameras Based on the active beam report from the BMA 360, the PTZ camera will automatically switch to active talker in the room.

Control interface of ClearOne equipment's on Cisco Touch panel



Installation Reference- Boston Consulting Group, Qatar

Brief:

Multiple rooms with Room Combination features

Equipment's Used:

4 x Converge Pro2 48VT DSP Mixer

8 x BMA 360 Ceiling Tile Beamforming Microphone Array

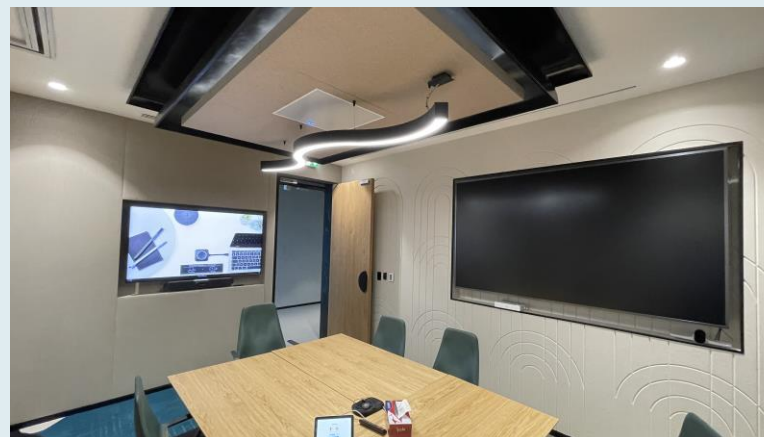
Wireless Mics

Functionality Achieved:

The BMA 360 ceiling tile microphone ensures perfect intelligibility for every participant during teams Call.

Integration with Microsoft teams Room.

Room Combining features when partitions are removed.



Installation Reference- Higher Colleges of Technologies, UAE

Brief:

Installation across 17 Campus in UAE

Subject expert professors used to shuttle between campuses to deliver lectures which was hectic and time consuming.

34 rooms, Each room with Dual Camera and Audio Solution. Zoom was used as Video Conference Platform

Equipment's Used:

68 x Unite 200 Cameras

102 x BFM2 Beamforming Microphones

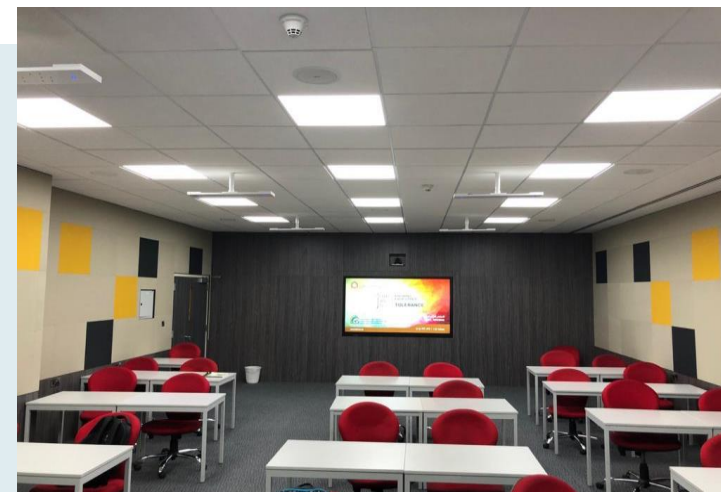
34 x CP2 Audio DSPs

Functionality Achieved:

Hybrid Learning Experience.

Professors can deliver lecture from any campus and no need to shuttle between campuses

Beamforming audio technology allowed professors to walk freely inside the room and deliver lectures without holding the microphone.



Installation References-

Rochester Institute of Technology (RIT) University, Dubai, UAE

Brief:

Installation across Dubai Campuses

RIT requested solution that would ensure that remotely located students would feel just as engaged as those sitting in our RIT classrooms

19 Classrooms, 16 Small meeting rooms, 6 Large Meeting rooms.
Microsoft Team & Zoom application

ClearOne Equipment's Used:

44 x Unite 150 12x PTZ camera

34 x BMA 360 beamforming ceiling tile array

17 x Converge Pro2 DSP mixer solution

16 x Versa 50 collaboration kits

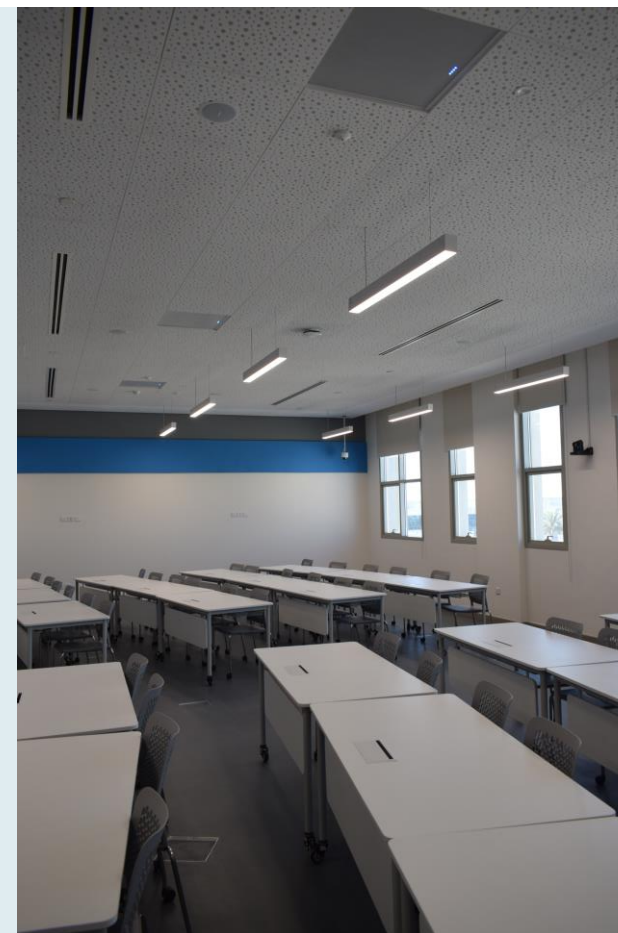
6 x Versa Lite CT Collaboration kits

Functionality Achieved:

Hybrid learning implementation during pandemic situation

Students can join the classes anywhere from the globe

Professional Video Conferencing Camera placed on rear wall provides clear eye contact between instructor to far-end students



Installation References- Taif University, Saudi Arabia

ClearOne

Brief:

Installation at Taif Girls Campuses 26 Room

Equipment's Used:

52 Nos x BFM

26 x Converge Pro DSP Solution

Functionality Achieved:

Distance Learning Application



Installation Reference- Abu Dhabi University, UAE

Brief:

Installation across Abu Dhabi & Al Ain Campuses

Engage in life like education experience from multiple campus simultaneously without the need to shuttle between campuses.

5 rooms, Each room with Codec with Dual Camera and Audio Solution

Equipment's Used:

5 X Live 600 Video Conference Codec

10 x Unite Camera

4 x BFM2 Beamforming Microphone

6 x BMA CT Beamforming Microphone

5 x CP2 Audio DSP + Amplifier and speaker system.

Functionality Achieved:

Live distance learning. Solution with life like image of instructor to far-end

Irrespective of location, instructor can deliver lecture to any campus

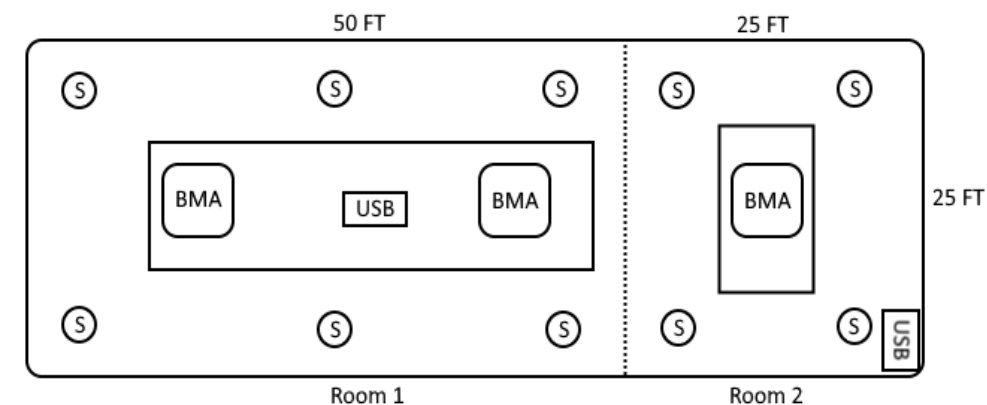
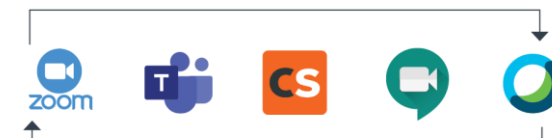
Beamforming audio technology allowed every connected room to participate and collaborate



Design Library- Solution for a Two-Way Divisible Meeting Space

Room Application: Cloud Conferencing, Audio Conferencing

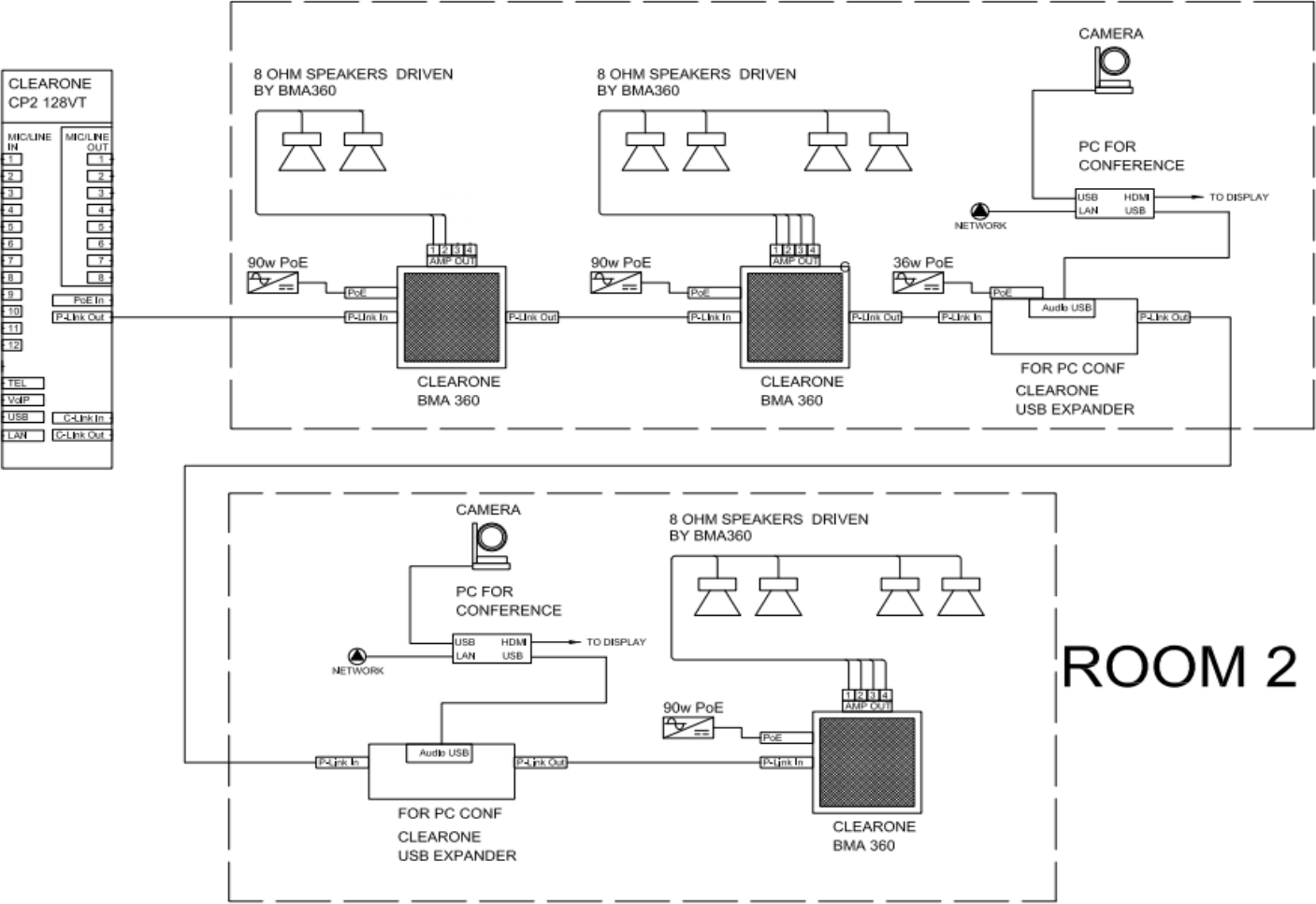
Supported Interfaces: Dante, VoIP, Analog I/O, Telco and USB Audio



Design Library-

Wiring Diagram & Bill of Material

ROOM 1



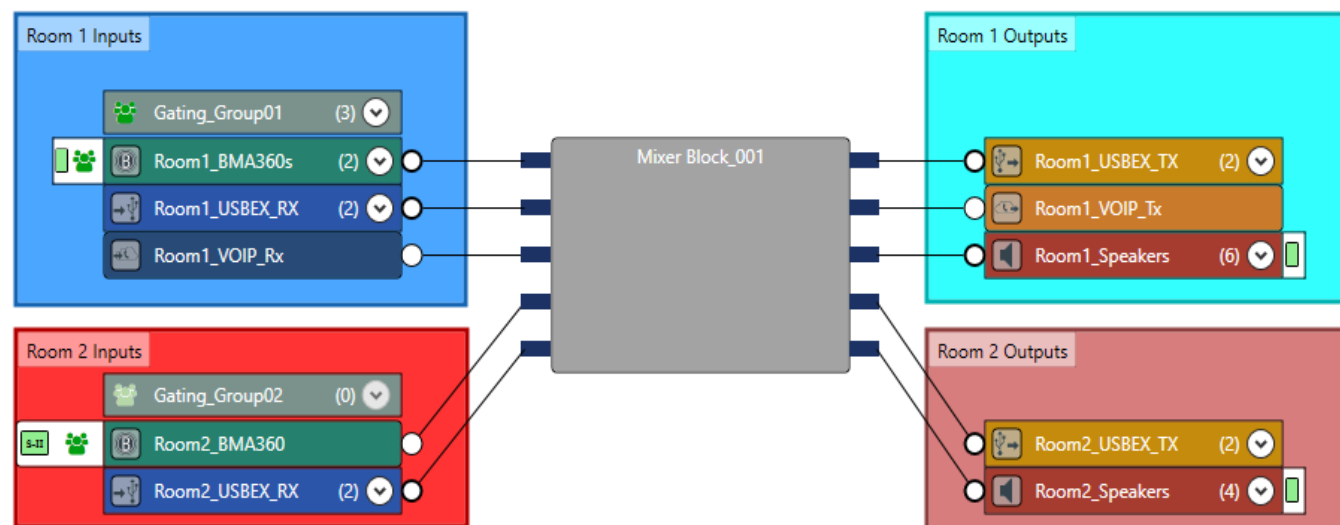
Bill of Material		
Qty	Part No	Product Description
1	910-3200-008	CONVERGE Pro 2 48VT DSP Mixer
3	910-3200-208-I	BMA 360, BMA with 4 x 15 Watt PA
3	910-3200-209	90W PoE++ power supply kit for BMA
1	910-3200-202	36W PoE+ power supply kit for BMA
2	910-3200-302	USB Expander for CONVERGE Pro 2
5	910-151-001-01-1	Pair of LS7CT ceiling loudspeakers
2	910-2100-004	UNITE 150 12x PTZ Camera
2	910-3001-100	COLLABORATE Versa Hub
1	SWR-1000-002	CONVERGENCE Unified Network Management License

Design Library- Flow View Diagram Presets and Macros

Sample Project File: Attached

This file consists of two configuration presets which facilitate combined and divided modes.

Flow View Diagram



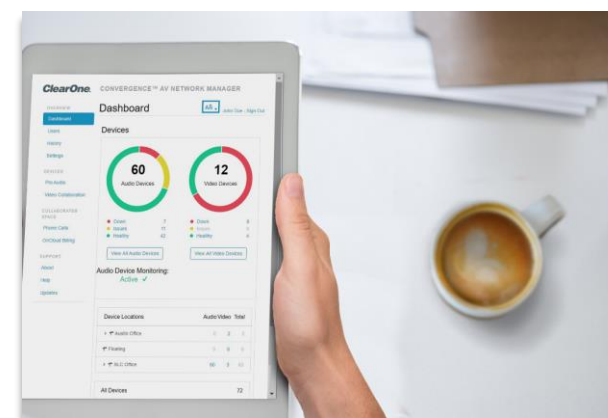
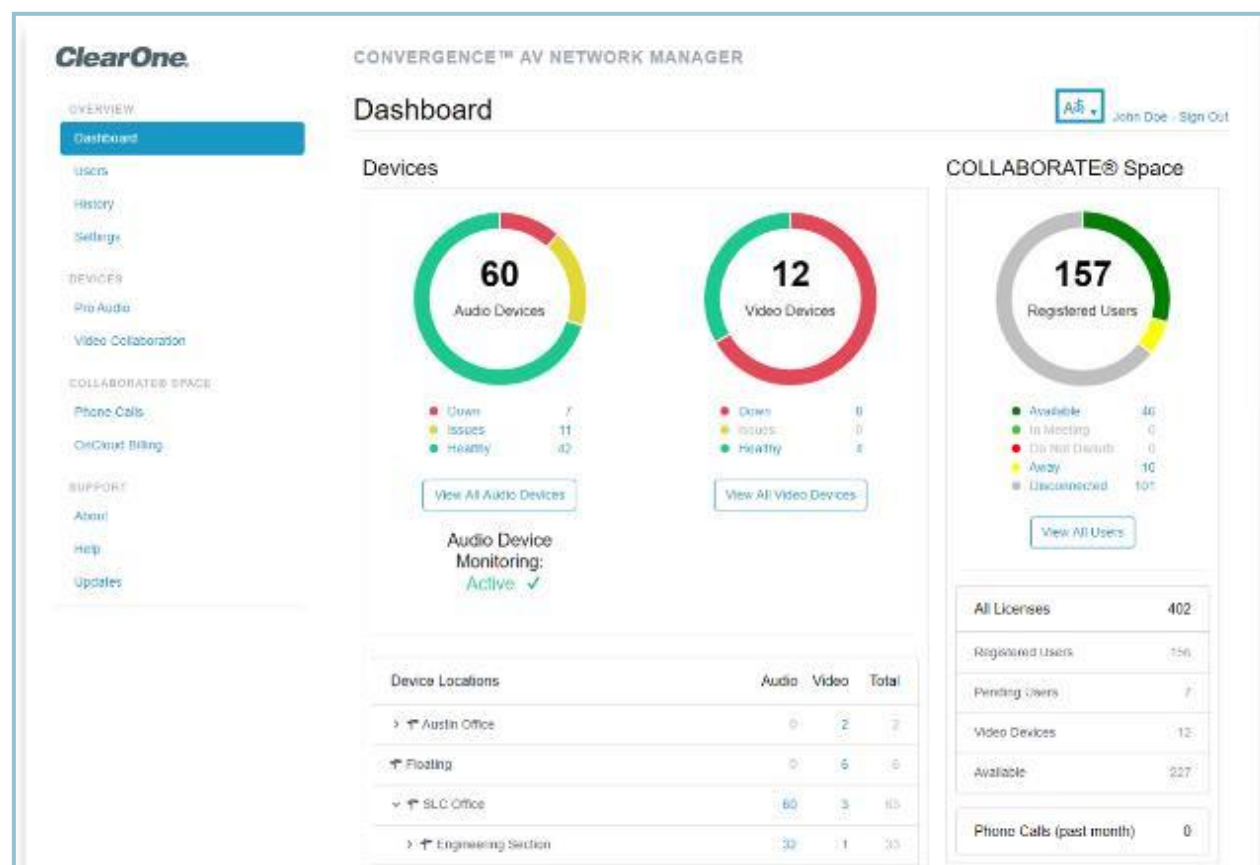
Included Macros:

- Room_Combined : Combine all Room 1 and 2 audio routing into a single audio system.
- Room_Divided : Separate audio routing so that Room 1 and 2 operate independently.
- Combined_Mute_Toggle : Toggle all BMA360 microphone mute states for both rooms.
- Room1_Mute_Toggle : Toggle the mute state for the 2 Room 1 BMA360 microphones.
- Room2_Mute_Toggle : Toggle the mute state for the Room 2 BMA360 microphone.
- Combined_VolUP_3 : Increase all speakers by 3 dB.
- Combined_VolDN_3 : Decrease all speakers by 3dB.
- Room1_VolUP_3 : Increase the Room 1 Speaker group volume by 3 dB.
- Room1_VolDN_3 : Decrease t the Room 1 Speaker group volume by 3 dB.
- Room2_VolUP_3 : Increase the Room 2 Speaker group volume by 3 dB.
- Room2_VolDN_3 : Decrease the Room 2 Speaker group volume by 3 dB.

*Macros can be executed via GPIO, Telnet, or serial communications. Refer to the Converge Pro 2 Serial Command Reference Manual for details.

Solutions – CONVERGENCE™ AV Manager

Unified software platform to monitor, control, and audit ClearOne Pro Audio products from any location worldwide – available as a Cloud AV Manager or an Enterprise AV Manager.



ClearOne University

Convenient schedules and better learning experience

Pro Audio Conferencing Certification

4 AVIXA RU Credits

Four Hours Class - Two Days, Two Hours session each day

ClearOne.

Certified Pro Audio
Conferencing



Advanced Pro Audio Conferencing Certification

1.5 AVIXA RU Credits

Two Hours Class – One Day, Two Hours session

ClearOne.

Certified Advanced
Pro Audio Conferencing



AV Conferencing Certification

3 AVIXA RU Credits

Four Hours Class - Two Days, Two Hours session each day

ClearOne.

Certified
AV Conferencing



And more...

Visit at www.clearone.com/training

A modern conference room with a long wooden table and black chairs. The room has a high ceiling with recessed lighting and a large window on the right side. The walls are light gray, and the floor is light gray. The text "Thank You For Your Interest" is overlaid on the left side, and the "ClearOne" logo is in the top right corner.

ClearOne®

**Thank You
For Your Interest**