PARTNER TRAINING
AGENDA

AUDIO ENHANCEMENT +

Est. 1978

AGENDA

TUESDAY, AUGUST 26TH

8:00 AM – 9:30 AM: Welcome

• Introductions - Melissa Almonrode

9:30 AM – 9:45 AM: Break

9:45 AM – 10:30 AM: Product Overview - Audio

• Why Audio? - Kevin Mitchell

• How to Overcome Common Objections to Audio - Kevin Mitchell & Melissa Almonrode

• Audio Hands On - Jimmy Hamner

10:30 AM – 11:30 AM: Building Tour - JoBeth Anderson

11:30 AM – 12:30 PM: Lunch

12:30 PM – 2:00 PM: Product Overview

• Why EPIC/InfoView? - Kevin Mitchell

• Hands On with EPIC/InfoView - Jimmy Hamner

• Why SAFE - Kevin Mitchell

• Hands On with SAFE - Jimmy Hamner

2:00 PM – 2:15 PM: Break

2:15 PM – 3:00 PM: Product Overview

• Why VIEWpath - Kevin Mitchell

• How to Overcome Common Objections - Kevin Mitchell & Melissa Almonrode

• Hands on with VIEWpath - Nathan Harris

3:00 PM: Depart Office for Hotel

5:00 PM: Depart Hotel for TopGolf

5:30 PM - 7:30 PM: TopGolf

7:30 PM: Depart TopGolf for Hotel

WEDNESDAY, AUGUST 27TH

8:00 AM – 9:00 AM: Sales Strategies & Resources - Melissa Almonrode

9:00 AM – 9:45 AM: Intro to Jeff Anderson - Jeff Anderson

9:45 AM – 10:00 AM: Break

10:00 AM – 10:15 AM: Into to the Sales Engineering Team - Jesse Rich

10:15 AM – 10:30 AM: Navigating New Construction Projects - Jesse Rich

10:30 AM – 11:00 AM: In-Depth on 3rd Party Integration Support - Jesse Rich

11:00 AM – 11:30 AM: Post PO Customer Support - Kevin McVicar

11:30 AM – 12:30 PM: Lunch

12:30 PM – 1:30 PM: Roadmap and Hands-On with New Products - Tom Dobson

1:30 PM – 2:00 PM: Break - Field Trip

2:00 PM – 2:30 PM: Quoting Basics - Melissa Almonrode

2:30 PM – 3:30 PM: Intro to Project Portal - Tera Trujillo

3:30 PM: Depart Office for Hotel

5:30 PM: Depart Hotel for Dinner

6:00 PM - 8:00 PM: Dinner at Prohibition

8:00 PM: Depart Prohibition for Hotel

THURSDAY, AUGUST 28TH

8:00 AM – 8:30 AM: How We Stack Up Against Competitors - Tom Dobson

8:30 AM – 9:00 AM: How Can Innovations Help You? - Tom Dobson

9:00 AM – 9:30 AM: Network Form 101 - Jesse Rich

9:30 AM – 10:00 AM: Snacks with Sales Support

10:00 AM – 10:30 AM: What is an IC - Meghan Meyer

10:30 AM – 10:45 AM: Marketing Support - Taylor Noyes

10:45 AM – 11:00 AM: Hosting a Successful Event - Taylor Noyes

11:00 AM – 11:15 AM: Meet the Tech Support Team - Brent Schutz

11:15 AM - 11:30 AM: Trivia Challenge - Melissa Almonrode

11:30 AM – 12:00 PM: Q&A with Leadership - Denton Anderson, Ryan Taylor, Tyler Schick, Tom Dobson, Taylor Noyes, Jeff Anderson, Joey Rooker, Mark Sowa

AUDIO ENHANCEMENT +

Est. 1978

OUR STORY

SCAN
—TO—
VIEW

3

USA PREK-12
EDUCATION MARKET

WITH AUDIO ENHANCEMENT

DISTRICTS
+4,000 — 33%

SCHOOLS
+39,300 — 40%
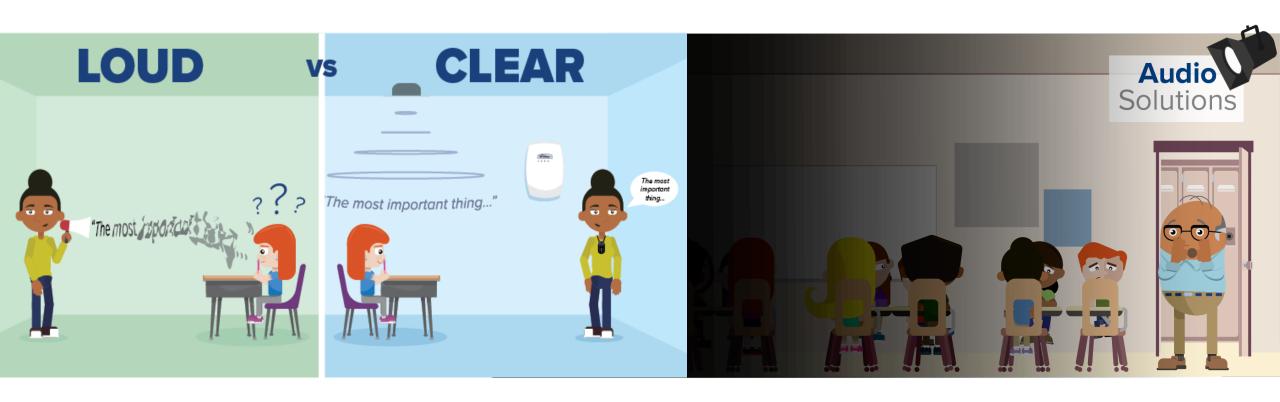
CLASSROOMS
+1,400,000 — 35%

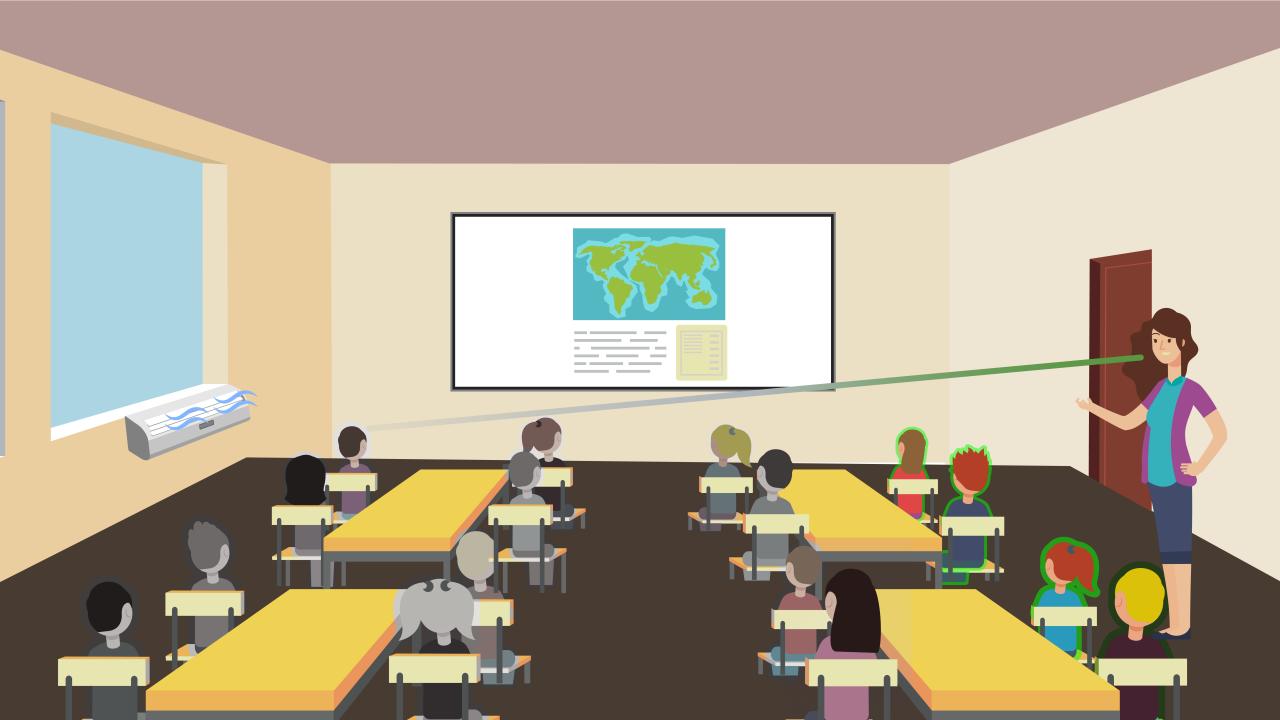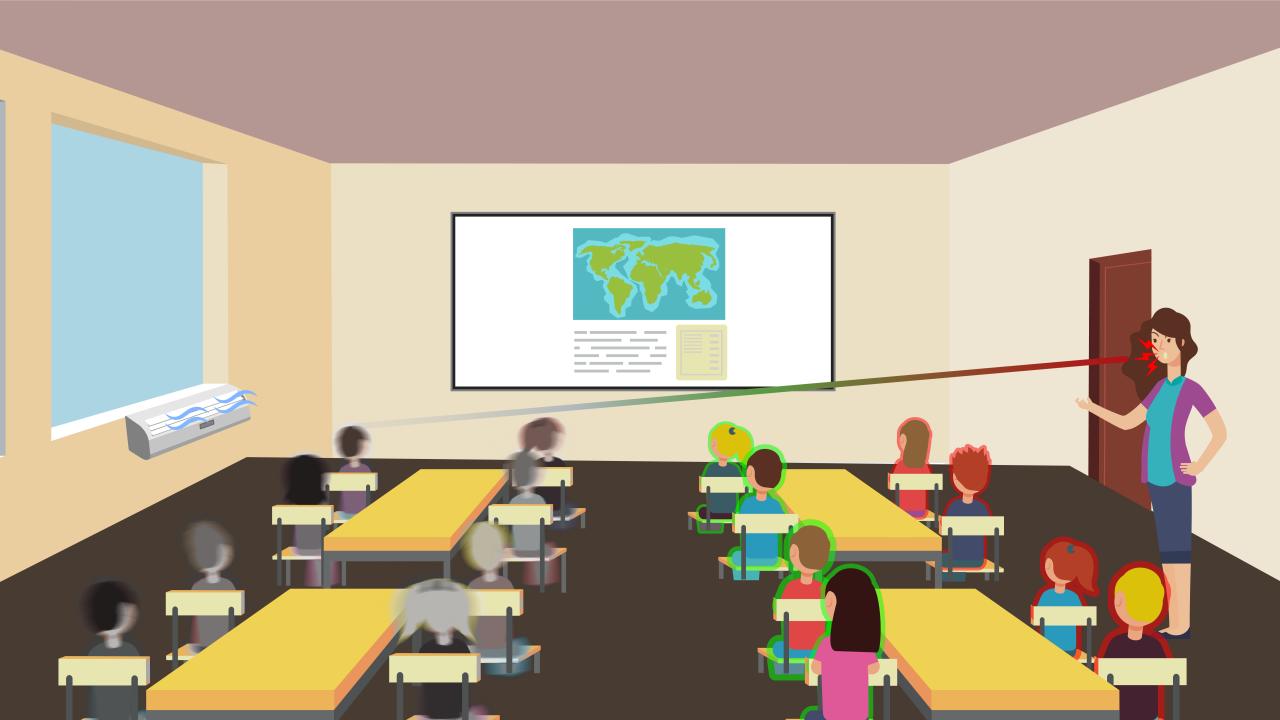## AUDIO ENHANCEMENT SYSTEMS IMPACT OVER 28,000,000 STUDENTS

SOLUTION OVERVIEW

Audio Solutions
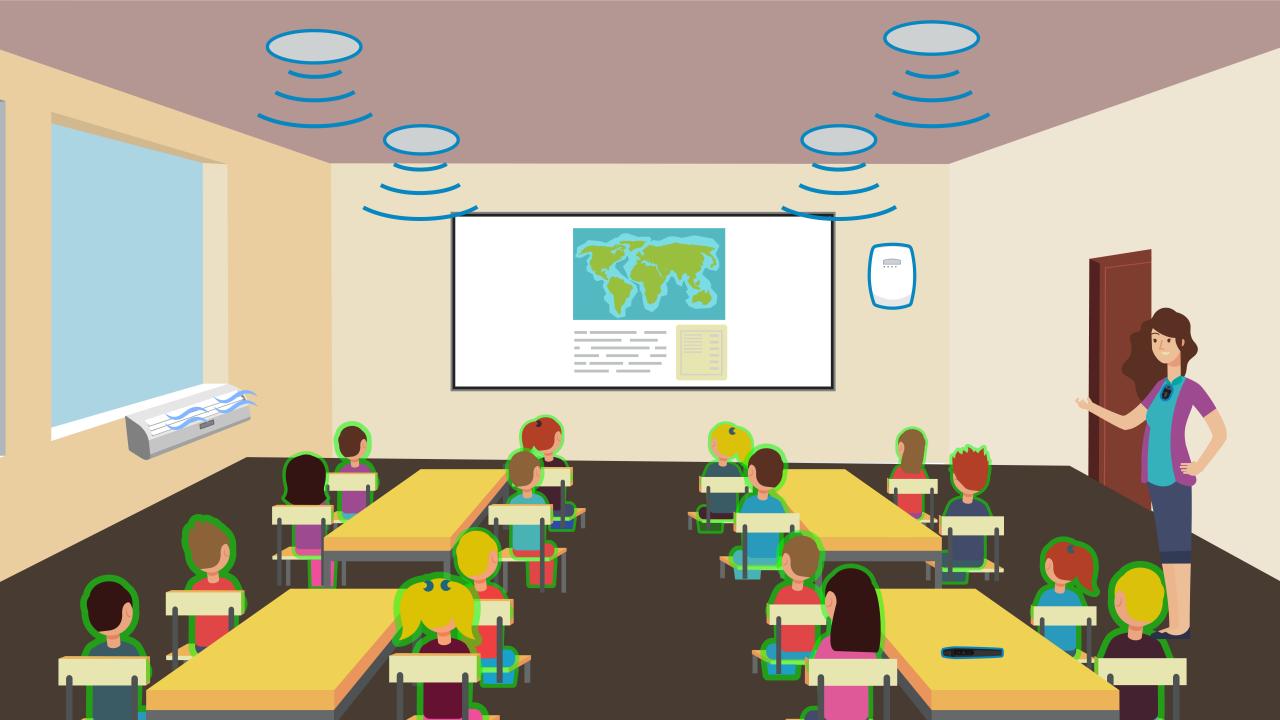
WHAT IS AUDIO ENHANCEMENT?

WE'VE LEARNED

OVER
5 MILLION
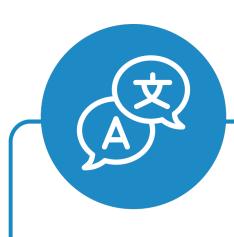ENGLISH LANGUAGE LEARNERS
WERE ENROLLED IN U.S. PUBLIC SCHOOLS
IN 2022

IN 2025
1 IN 4
STUDENTS WILL BE
ENGLISH LANGUAGE LEARNERS

VALUE OF CLEAR CONNECT

Translation & Transcription

Supports multiple ELL in one classroom

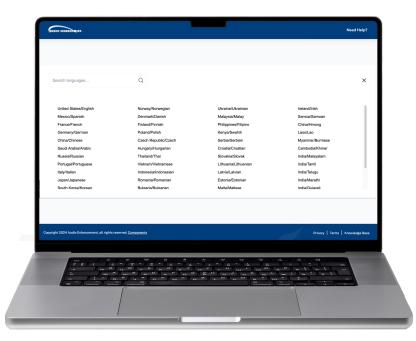**Parent Teacher Conference & Meeting Support Tool**

Any Student Any Language Any Time

Copy & Paste Into AI Tools

HOW IT WORKS

Teacher Experience

1. Login
2. Assign Session Name
3. Select Teaching Language

Student Experience

1. Type in Session ID
2. Type in Name
3. Select Native Language

16

SUPPORTED LANGUAGES

Afrikaans (South Africa)
Arabic
Basque (Spain)
Bengali (India)
Bulgarian (Bulgaria)
Catalan (Spain)
Czech (Czech Republic)
Danish (Denmark)
Dutch (Belgium)
Dutch (Netherlands)
English (Australia)
English (India)
English (UK)
English (US)
Filipino (Philippines)
Finnish (Finland)
French (Canada)
French (France)

Galician (Spain)
German (Germany)
Greek (Greece)
Gujarati (India)
Hindi (India)
Hungarian (Hungary)
Icelandic (Iceland)
Indonesian (Indonesia)
Italian (Italy)
Japanese (Japan)
Kannada (India)
Korean (South Korea)
Latvian (Latvia)
Lithuanian (Lithuania)
Malay (Malaysia)
Malayalam (India)
Marathi (India)
Polish (Poland)

Portuguese (Brazil)
Portuguese (Portugal)
Punjabi (India)
Romanian (Romania)
Russian (Russia)
Serbian (Cyrillic)
Slovak (Slovakia)
Spanish (Spain)
Spanish (US)
Swedish (Sweden)
Tamil (India)
Telugu (India)
Thai (Thailand)
Turkish (Turkey)
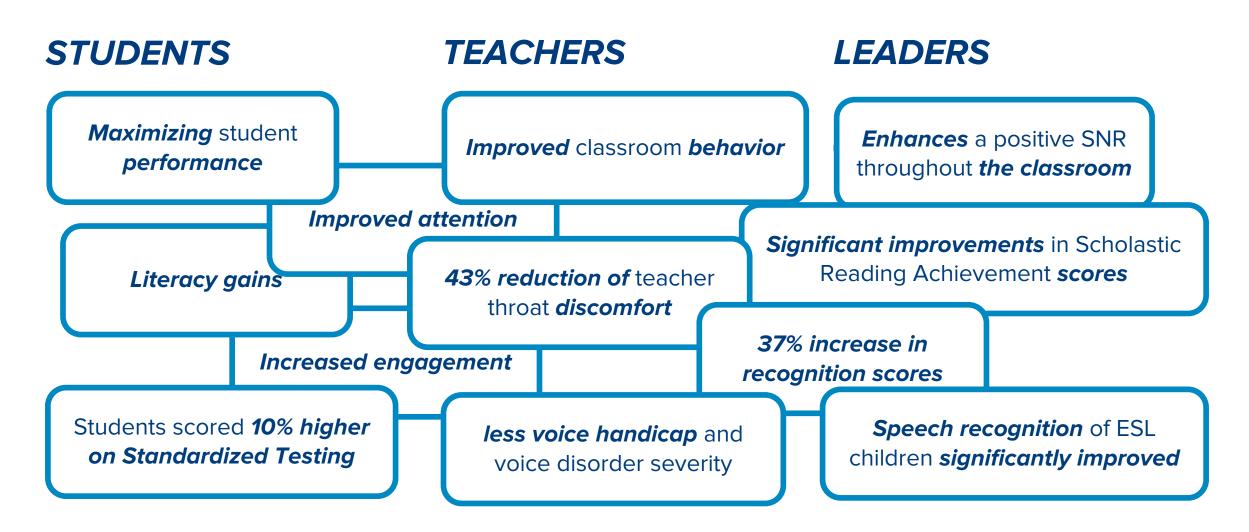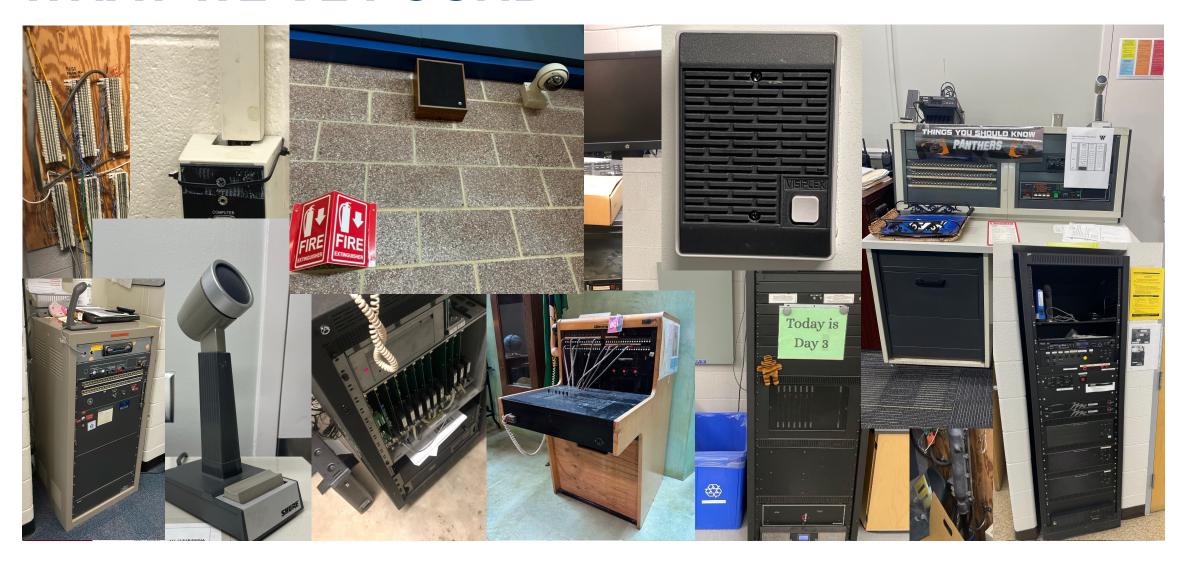Ukrainian (Ukraine)
Vietnamese (Vietnam)

STUDENT ENGAGEMENT

AUDIO RESEARCH FINDINGS

STUDENTS **TEACHERS** **LEADERS**

Maximizing student *performance*

Improved classroom *behavior*

Enhances a positive SNR throughout *the classroom*

Improved attention

Significant improvements in Scholastic Reading Achievement *scores*

Literacy gains

43% reduction of teacher throat *discomfort*

37% increase in recognition scores

Increased engagement

Students scored *10% higher on Standardized Testing*

less voice handicap and voice disorder severity

Speech recognition of ESL children *significantly improved*

Crandell, C. C. (1996). Effects of Sound-Field Amplification On The Speech Perception of ESL Children. Department of Communication Processes and Disorders. Dahlquist, L. H. (1998). Classroom Amplification: Not Just For The Hearing Impaired Anymore . *Children's Care Hospital and School*. Gertel, S., McCarty, P., & Schoff, L. (2004). High performance schools equals high performing students. Educational Facility Planner, 39(3), 20–24. Millett, P. (2008). Sound Field Amplification Research Summary. *York University*.

EPIC System

Powered by **AUDIO ENHANCEMENT** +

WHAT WE'VE FOUND

WE'VE LEARNED

THE AVERAGE SCHOOL

49
YEARS OLD

21%
MAJOR RENOVATIONS
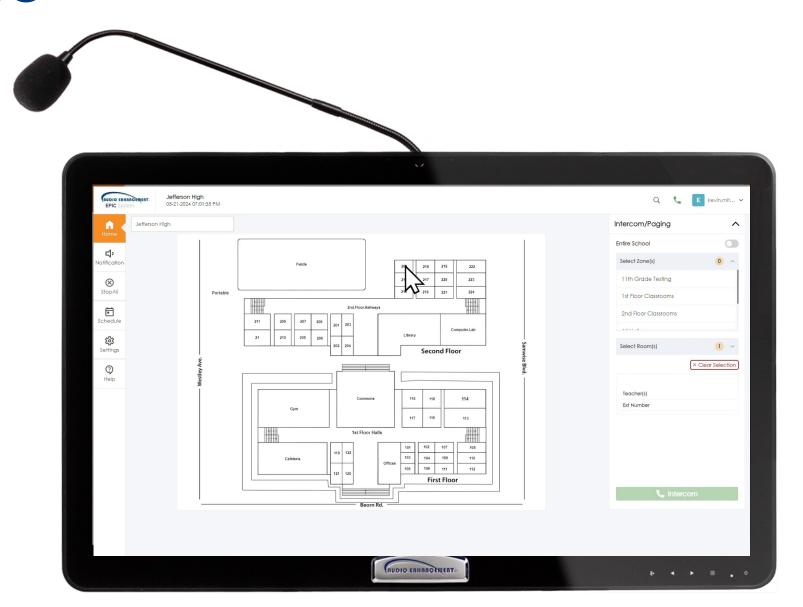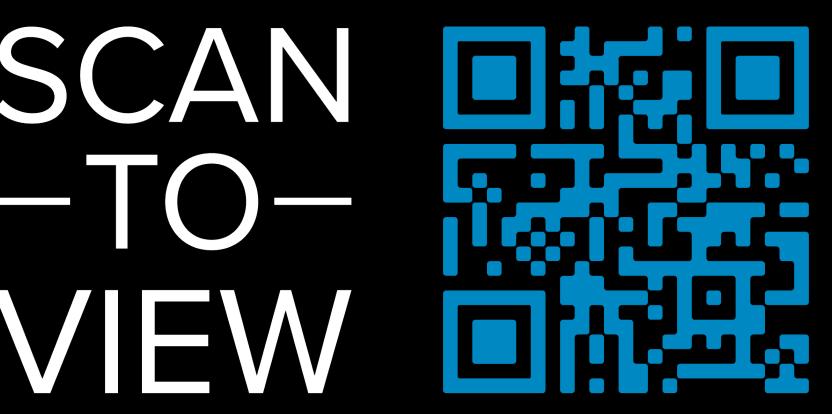
INTERCOM

PAGING

SCAN
—TO—
VIEW
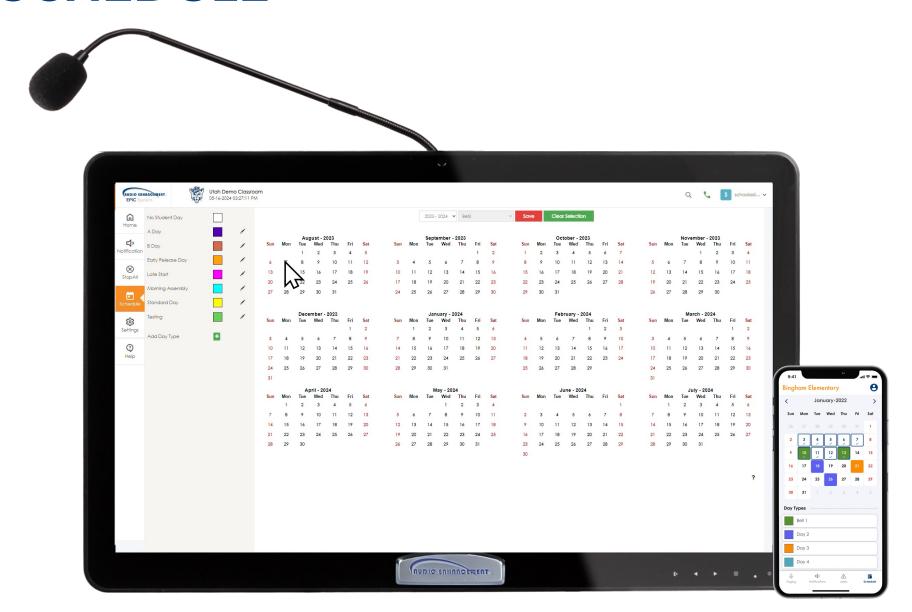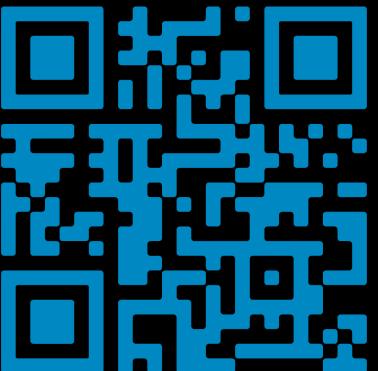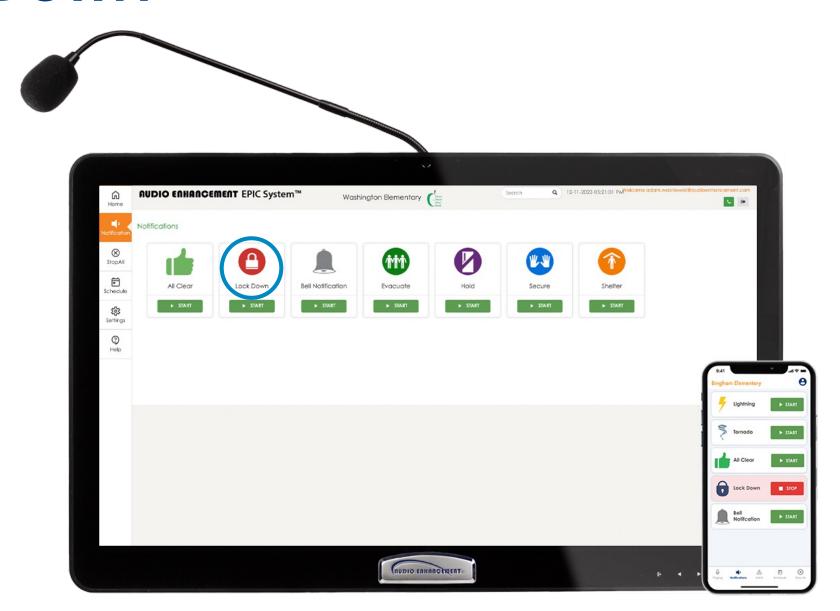
BELL SCHEDULE

SCAN
—TO—
VIEW

LOCKDOWN

SCAN
—TO—
VIEW

LOCKDOWN VERIFICATION

Lockdown Initiated

1. ITC's show Lockdown

2. Receiver Lights Indicate Lockdown

3. Teacher Verifies Room is Locked Down

4. All Clear is sent

SCAN
—TO—
VIEW

ITC

Intercom/SAFE Alerts

ITC

Building Alerts

INFOVIEW

Clock

INFOVIEW

Teacher Controlled

INFOVIEW
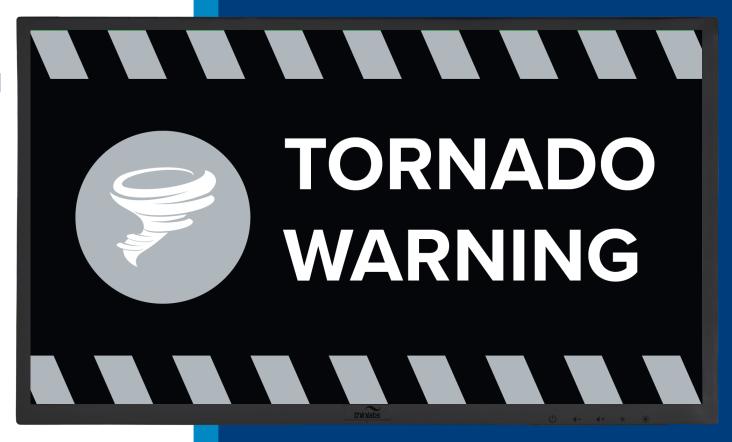
Daily Communication

INFOVIEW
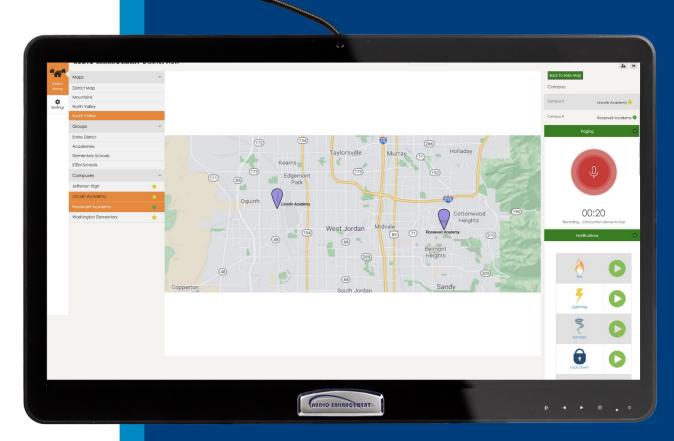
Emergency Messaging

SCAN
—TO—
VIEW

FEATURES OF EPIC

- District View

- Doors

- Desktop Announcer

- Interoperability/Integrations

DISTRICT VIEW

SAFE Alerts

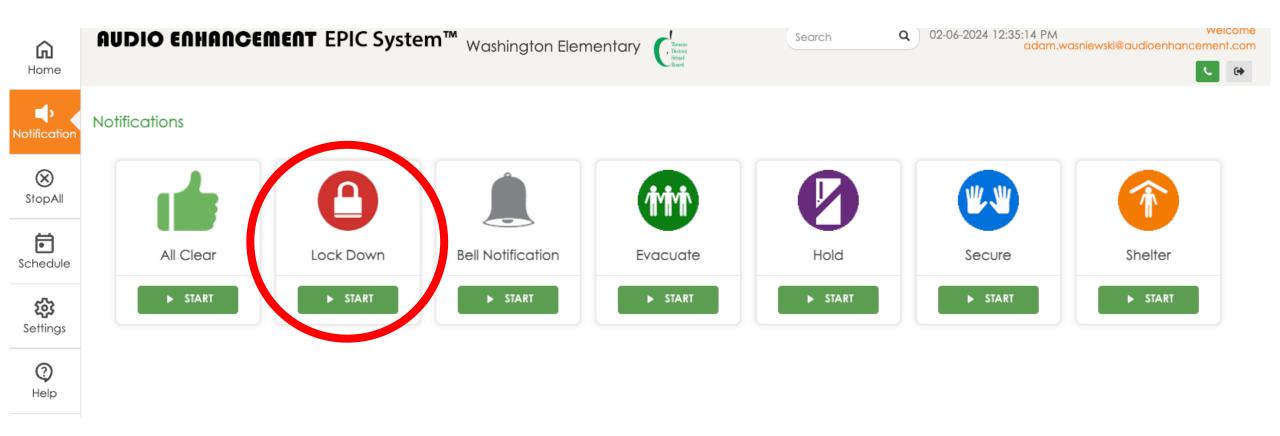District View Notifications

Device Monitoring

Multi-Campus Paging

DOORS

SCAN
—TO—
VIEW

INFOVIEW DESKTOP ANNOUNCER

INTEROPERABILITY

PHONE SYSTEMS

webex by CISCO

Mitel Powering connections

3CX

CISCO

VAPE SENSORS

HALO SMART SENSOR

DIGITAL SIGNAGE

RISE VISION

vivi

GUNSHOT DETECTION

HALO SMART SENSOR

SSO

ClassLink

Identity Automation

Google

Microsoft

EPIC System
Education Paging & Intercom Communications

SECURITY SYSTEMS

CENTEGIX

RAPTOR TECHNOLOGIES

CRISIS GO

ALERTUS

SURVELLANCE CAMERAS

Panasonic

Verkada

DW DIGITAL WATCHDOG

AXIS COMMUNICATIONS

AVIGILON

CDVI

openpath

Genentech

LENEL·S2

ACCESS CONTROL

FIRE ALARM

Honeywell

47

SCAN
—TO—
VIEW

SAFE System

Powered by **AUDIO ENHANCEMENT** +

WE'VE LEARNED

71%

OF CAMPUSES REPORT SAFETY RELATED INCIDENTS

4M+

STUDENTS AFFECTED BY LOCKDOWNS IN K-12 EDUCATION

https://campussecuritytoday.com/articles/2021/04/28/survey-reveals-top-safety-concerns-at-k12-higher-ed-institutions.aspx
https://www.axios.com/2018/12/26/school-lockdowns-school-shootings-guns?.com

OPTIONS

- Send a student to the office
- Call the office
- Intercom
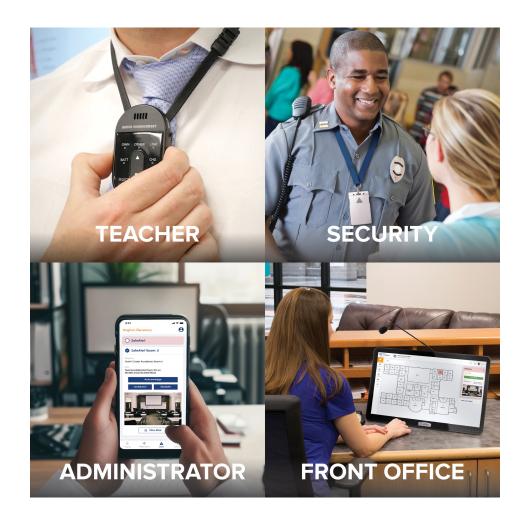
Response Time Varies

ALTERNATIVES
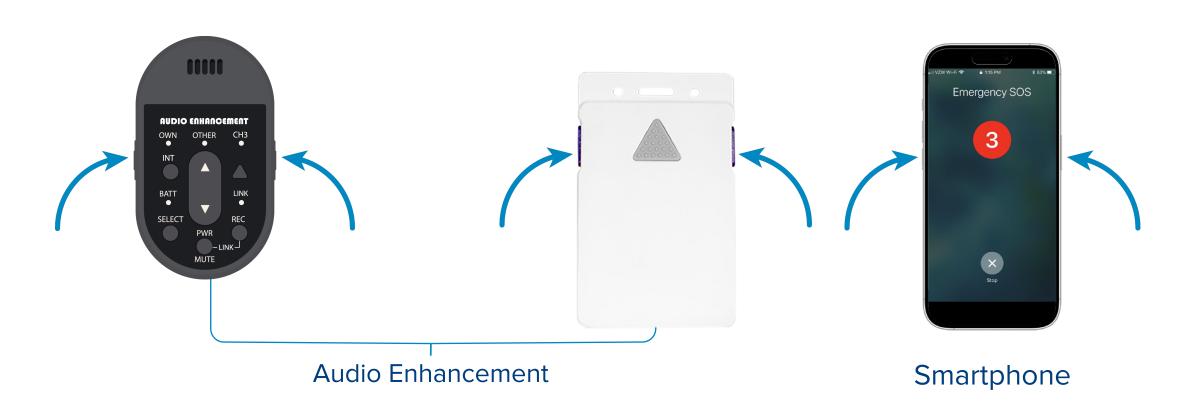
- Badges
- Phone App
- Key FOBs

Not on the Teacher
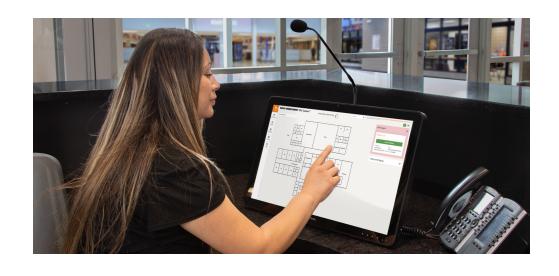
EVERY STAFF MEMBER AN AGENT OF PROMOTING SAFETY

TEACHER

SECURITY

ADMINISTRATOR

FRONT OFFICE

INDUSTRY STANDARD

Audio Enhancement

Smartphone

53

SAFE ALERT

CLASSROOM RECEIVER

Alert Acknowledged

SCAN
—TO—
VIEW

SCAN
—TO—
VIEW

ESCALATION

SAFE Alert

Escalate Alert

58
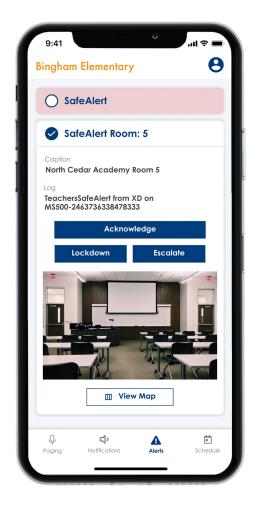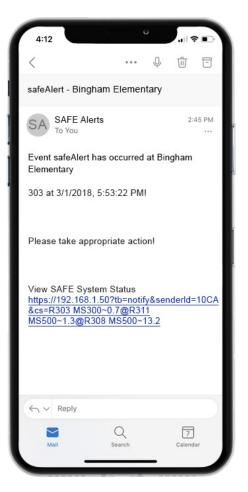
MOBILE ALERTS

CAMERA INTEGRATION

SCAN
—TO—
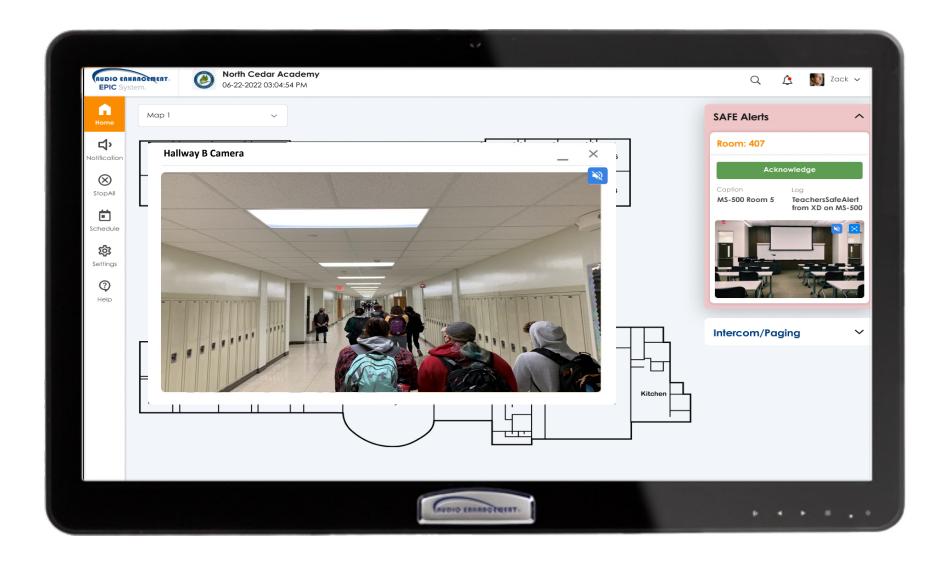VIEW

VIEWpath

Powered by **AUDIO ENHANCEMENT** +

WE'VE LEARNED

TEACHER CONTROLLED
Classroom Camera

- Remote Learning
- Professional Development
- Emergencies
- Sense of Security

AUDIO ENHANCEMENT +

63

TEACHER CONTROLLED

Yellow Light Indicates
Recording in Progress

64
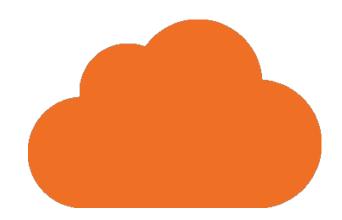
CREATE CONTENT

Installed Camera

Create video lessons

My Workshop

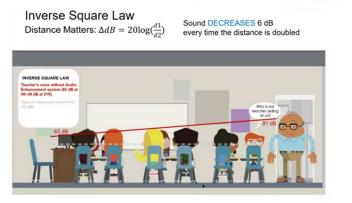# LECTURE CAPTURE

Classroom Camera

+
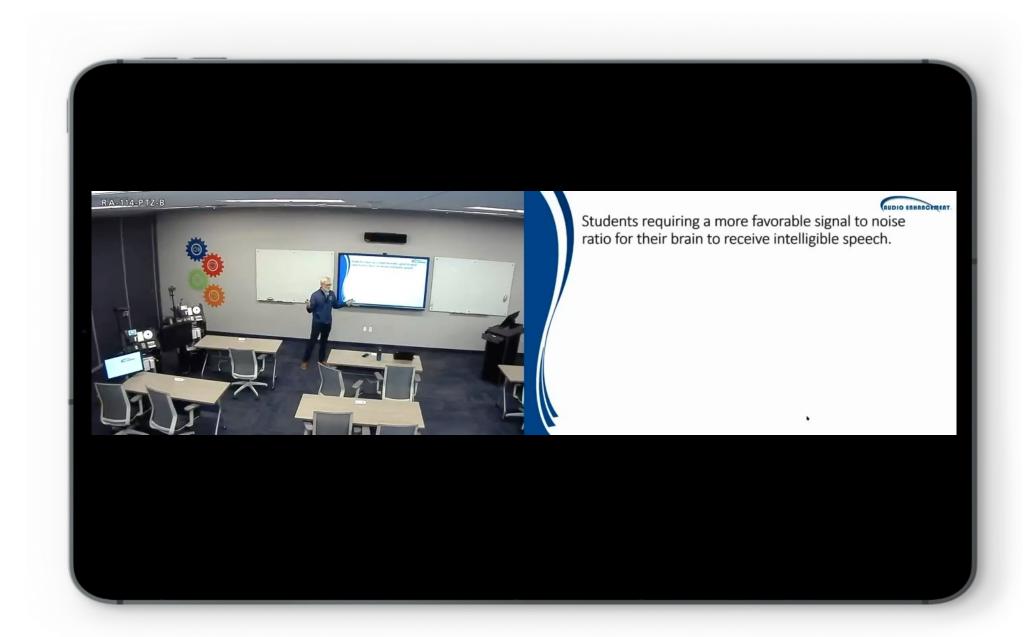
Presenter's Display
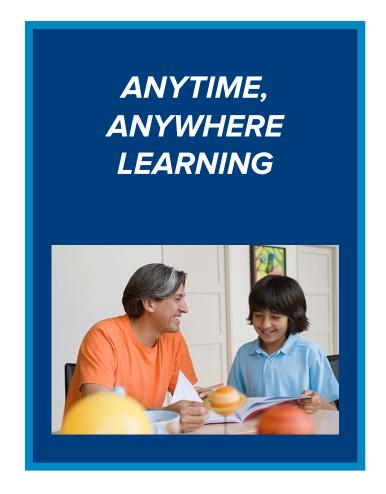
One Side By Side Video

CLASSROOM USE CASES

ANYTIME, ANYWHERE LEARNING

MODELING, MENTORING, & COACHING

SAFETY, SECURITY & DISCIPLINE

DELIVER LESSONS

+ Download

+ Embed Code

+ Share Link

CLASSROOM USE CASES

ANYTIME, ANYWHERE LEARNING

MODELING, MENTORING, & COACHING

SAFETY, SECURITY & DISCIPLINE
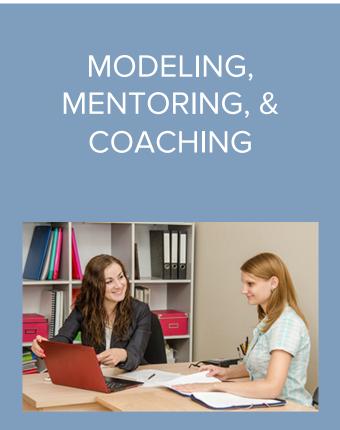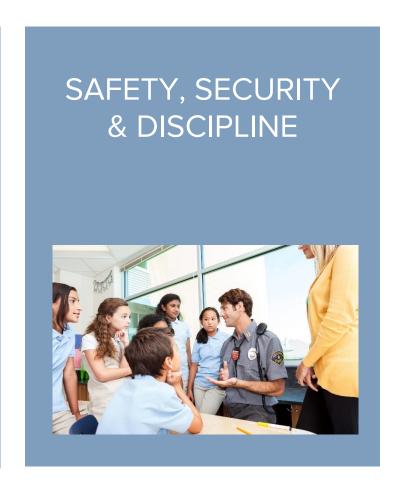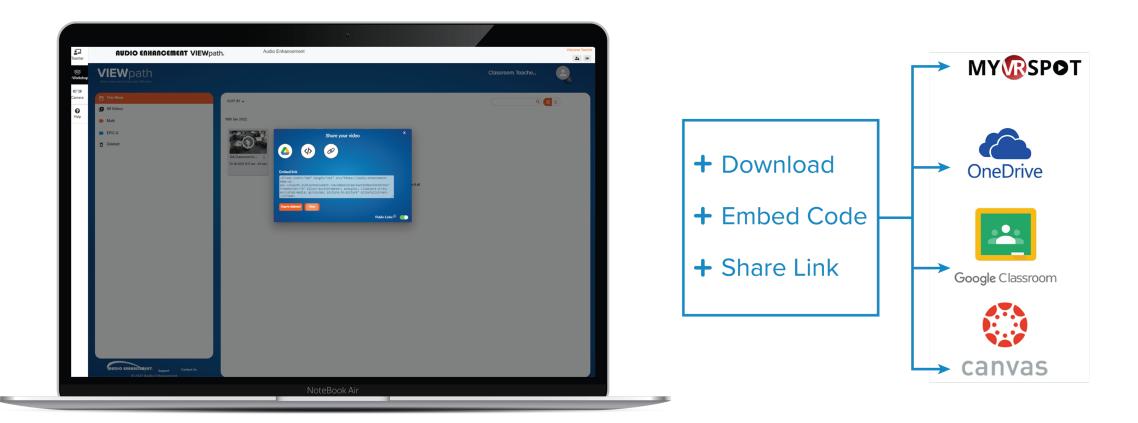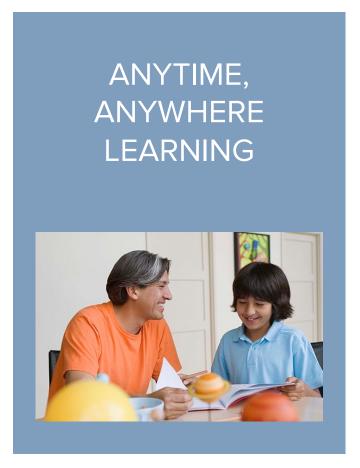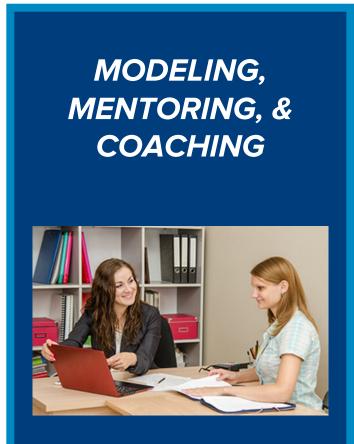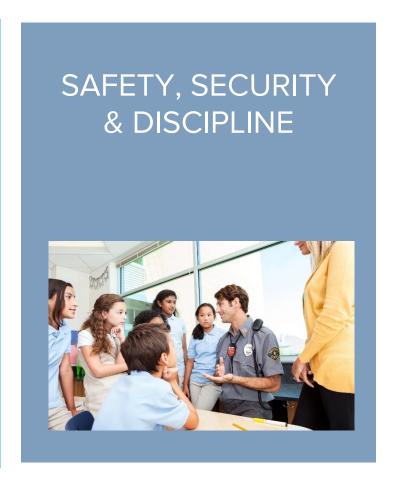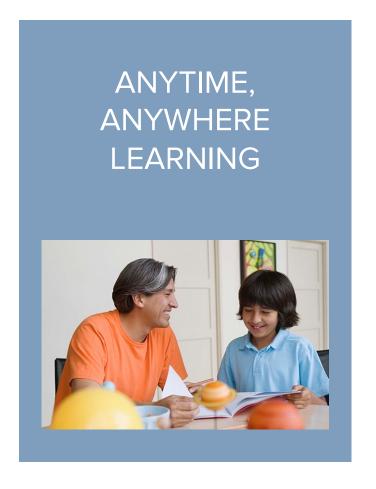
VIDEO IS THE MOST IMPORTANT INNOVATION
IN EDUCATION SINCE THE COMPUTER, MAYBE SINCE THE INTERNET.
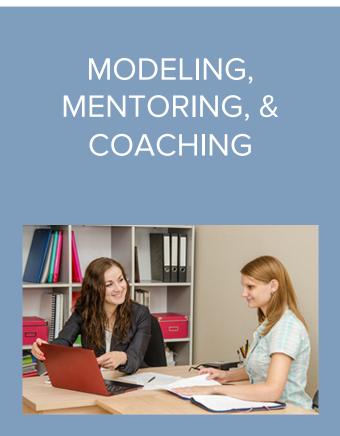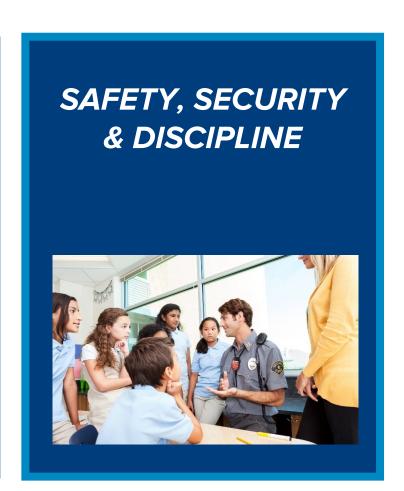
JIM KNIGHT
INSTRUCTIONAL COACH

Self Reflection

Professional Learning
Communities

Virtual Coaching

Teacher Observations

CLASSROOM USE CASES

ANYTIME, ANYWHERE LEARNING

MODELING, MENTORING, & COACHING

SAFETY, SECURITY & DISCIPLINE

SCAN
—TO—
VIEW

CUSTOMER SUCCESS

Stacy Balderrama
Educational Development Specialist

Phakmani Bearden
Customer Support Specialist

Nico Burgos
Customer Experience Specialist

Alan Coleman
Educational Development Specialist

Wyatt Crosland
Customer Experience Specialist

Elijah Espada
Customer Success Sales Liaison

Manny Fernandez
Customer Experience Specialist

Jimmy Hamner
Training Specialist

Nathan Harris
Customer Success Sales Liaison

Dr. Melissa Jackson
National Director of
Educational Development

April Mauldin
Customer Success Manager

Kevin McVicar
Educational
Development Specialist

Clint Moles
Educational Development Specialist

Millie Portillo
Customer Success Sales Liaison

Tony SanFilippo
Director of Learning and
Organizational Development

Octavius Crouch
Customer Experience Specialist

Districts purchasing $150K worth of qualifying Audio Enhancement equipment will be awarded a 2-day scholarship to the Ron Clark Academy Experience for any teacher they choose.

For questions please email:
CustomerSuccess@audioenhancement.com

EVENT INFORMATION

PO SUBMISSION

POTENTIAL FUNDING SOURCES

Grant Funding

Bond, Levey, Partial Tax, etc.

Title Funding

Maintenance Budget

QUESTIONS?

Sales Strategies and Resources

Who is Involved?

Audio
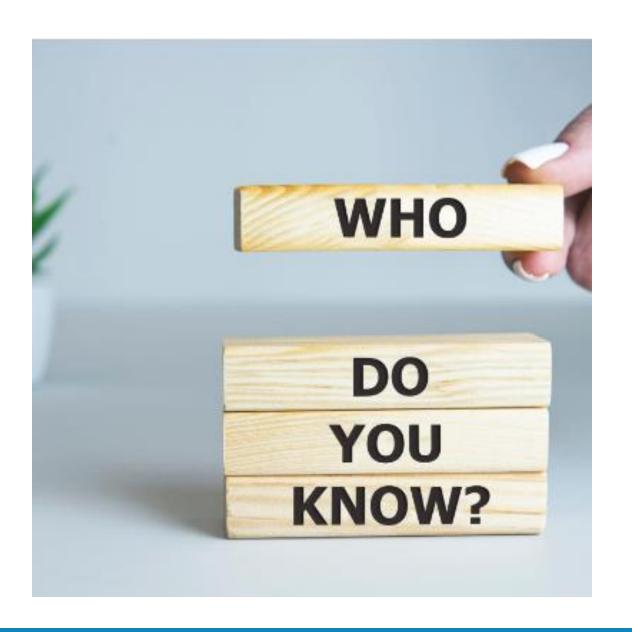
Epic

Safe

ViewPath
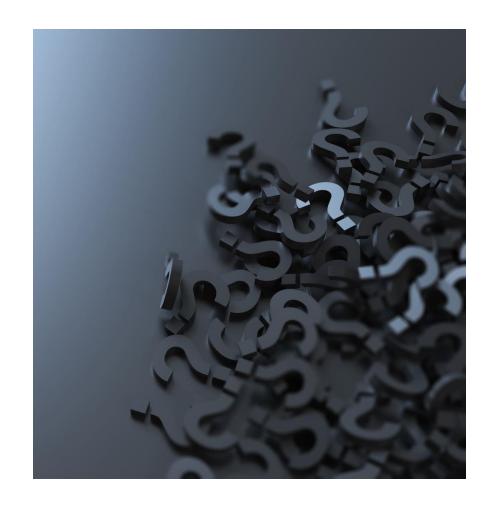
Who Do You Know?

- Technology
- Superintendent
- Facilities
- Security
- Curriculum

Asking The Right Questions
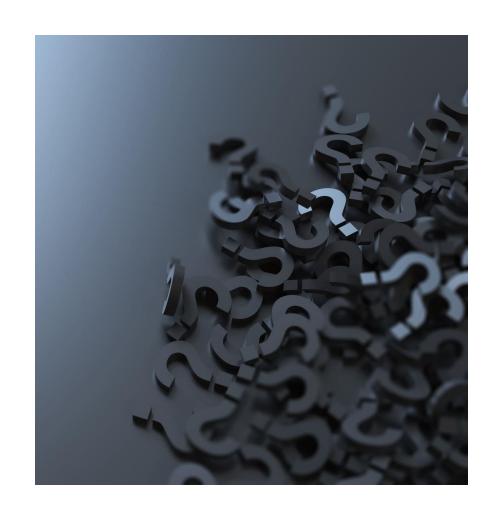
Classroom Audio

- Have you experienced classrooms where students struggle to hear or understand instruction?

- Do any teachers currently use microphones in the classroom?

- Have you considered installing sound field systems to ensure consistent audio for all students?

Asking The Right Questions

AUDIO ENHANCEMENT ®

Intercom/Paging/Bell

- How is your current intercom/paging/bell system working?

- Are there features you wish your current system had that it doesn't?

- Does your staff find the system easy to use?

- What does the process look like to change your bell schedule?

- In an emergency, how quickly and reliably can you communicate with students and staff?

Asking The Right Questions

Safety and Security

- Have you considered giving staff a quick way to call for help, like a wearable badge or button?

- Can staff initiate a lockdown or emergency page from any classroom or location?

- If a teacher needed help immediately, how quickly could your team locate them and respond?

Asking The Right Questions

AUDIO ENHANCEMENT®

Integration with Other Systems

- Do your current systems, like intercoms, hallway security cameras, door access control, and duress buttons, communicate with each other or are they managed separately?

- If there's an emergency, can your systems work together to alert staff and first responders or do they work separately?

- Have you considered a solution that could unify these systems on a single interface, making it faster and easier to manage and respond during emergencies?

Sales Cadence

- Identify a potential opportunity
- Reach out to your AE Regional Sales Director
- Apply for deal registration
- Set up a next meeting with the customer and your AE regional sales director
- Work toward bringing all the players to the table
- Design/Quote – will need maps

Keys to Success

- Present AE as a complete solution
- Highlight the full value
- Expand beyond one department
- Avoid getting locked into a single department, think district-wide
- Qualify the budget early
- Identify the most pressing need

The Key to Funding...

Bring the right people to the table

Flexible Solutions for Urgent Needs

New!

Head End Cutover

- EPIC Head End
- CZA-1300 for all call

Head End with Multiple Zone Cutover

- EPIC Head End
- Multiple CZA-1300's

Head End with Multiple Zones and 2-way Communication
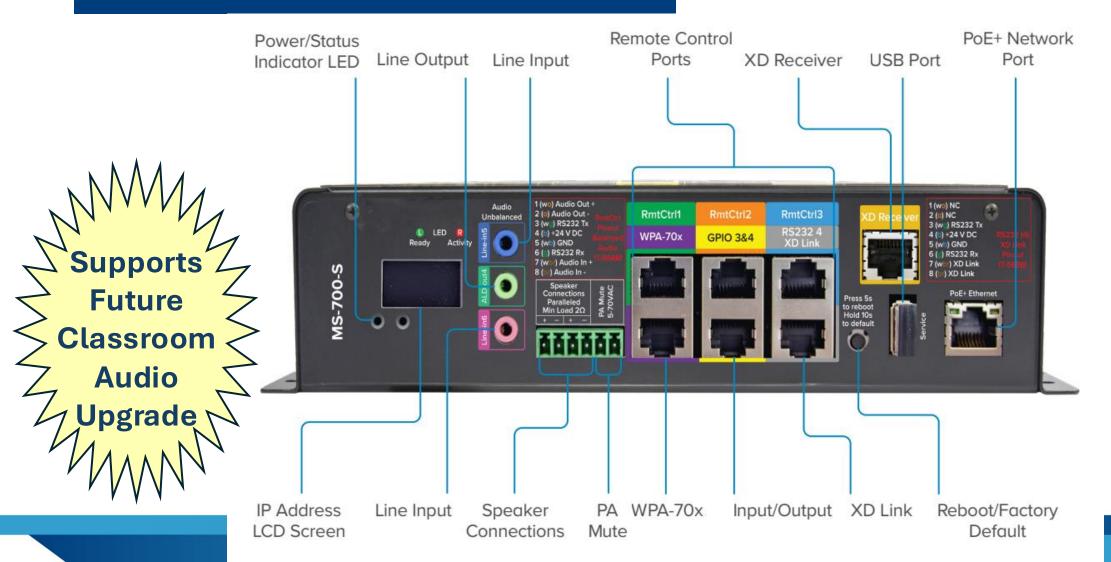
- EPIC Head End
- Multiple CZA-1300's
- MS-700S with Wall Plate in Classrooms

SAFE Only Option

- EPIC Head End
- MS-700S in Classrooms
- SAFE Extenders
- BLE Safe Badges
- Bluetooth Dongles
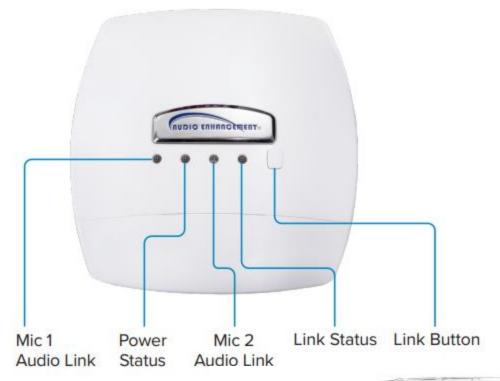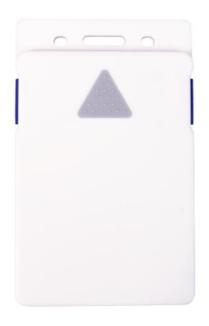
Additional Resources

Deal Registration

https://wkf.ms/3N7CrUI

Must present AE solutions (in the last 60 days) and include AE sales rep in a district meeting

Specific opportunity required; first partner to register is awarded

Only opportunities may be registered, not districts

Not valid if bid/RFP already issued

Expires in 90 days, extension granted with progress update

Sales Resources

YouTube Channel – Top 10 Videos

https://www.youtube.com/playlist?list=PLfkKm-7yR4_8Io7U73iS5OdWrkK6k85FB

Knowledge Base

Kb.audioenhancement.com
Reach out to Melissa Almonrode for login information

Sales Engineering Team

- Assist with technical questions

Customer Training

EPIC Experience

Day 1

System Overview
Audio
EPIC Overview
EPIC System Settings

Day 2
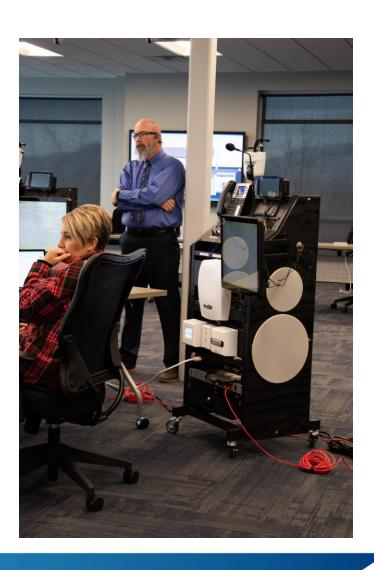
EPIC: Devices
EPIC: Map Setup
SAFE
EPIC Events

Day 3

VIEWpath
Innovations
Next Steps
Break It/Fix It Lab

https://training.audioenhancement.com/

How Can We Help?

We will help you drive the opportunity forward

- Product Expert
- Presentations
- Consults/Demos
- Design
- Quotes

90-Day Demo

- Budget should be qualified
- Audio Enhancement will supply the equipment
  - Need a PO from partner
  - Will not invoice until we discuss status with partner and agree on an end date
- Partner will install
- School can choose to purchase equipment at the end of the demo or return equipment to Audio Enhancement

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National Contracts

Sales Engineers: What do we do?

- Support sales with technical expertise
- Resolve customer technical concerns
    - School Districts
    - A&E Firms
    - Resellers/Integrators
- Explain product features and capabilities
- Consult on product integrations

Jimmer Roy

- Director of Safety & Security
- Based in Florida
- Education: Electrical Engineering, Computer Science, Criminal Justice
- 20 Years Law Enforcement Officer
- School District Safety Director
- IT Admin

Jay Roman

- Based in Florida
- Education: IT
- Certified Electrician
- Residential AV
- Networking
- Access Control

Alan Daugherty

- Based in Florida
- Education: Network Engineering
- 12 years at Lake County Schools
- System Administrator
- Database Administrator
- Digital Systems Architect
- System Engineer

How can Sales Engineers Help You?

- Technical presentations to explain products and services
- Equipment needs and system requirements
- Engineering/Networking support
- Division 27 Specifications and design standards
- AE Design review
- RFI Submittals
- "Is this possible?" "How do I make this happen?"

New Construction Process

School District
- Wants to build a new school
- Needs someone to design it

Architecture & Engineering Firm
- Bids on project
- Gets the job
- Designs school
- Needs someone to run construction

General Contractor
- Chosen by the A&E firm
- Coordinates construction
- Needs someone to do the work

Sub-Contractors
- Chosen by General Contractor
- Electrician, AV, plumber, framer, concrete, flooring, landscaping, etc.
- Does the physical labor

Where YOU can win

School District

Architecture & Engineering Firm

General Contractor

Sub-Contractors

Build relationships with Electrical Contractors (ECs). They will reach out to you for pricing for system hardware.

More info on navigating electrical contractors
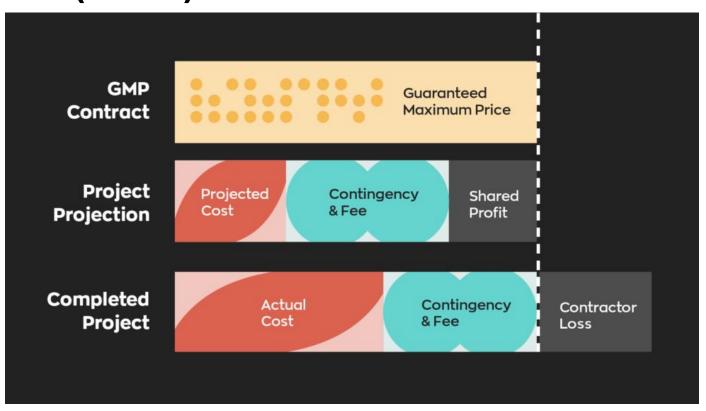
GMP Contract

Guaranteed Maximum Price (GMP) Contract

- Balance
- Owner gets cost certainty
- GC controls costs
- Requires:
  - Careful planning
  - Detailed documentation
  - Clear communication

New Construction Specifications

Acts as the Master Guidebook:
It covers the contracts and the written set of rules and specifications that will apply to that particular project

Organized into 50 Sections called Divisions:
It categorizes construction work into 50 numbered Divisions (e.g., Division 03 for Concrete, Division 26 for Electrical)

Ensures Clarity & Consistency:
This system helps all project stakeholders speak the same language, simplifying the location of specific requirements

Needed for Construction Bid

Division 0 – Procurement & Contracting

    Bid & Contract Requirements

    Legal Framework

Division 1 – General Requirements

    Dates

    Pay Rates
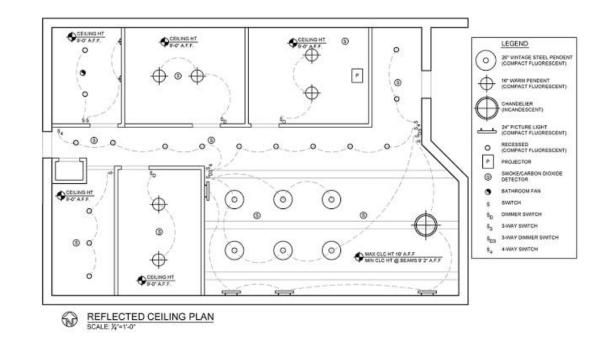
Division 26 – Electrical

Division 27 – Communications

    Low Voltage Infrastructure
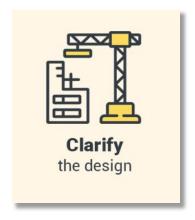
    27 5123 Distributed Audio Communications Systems

Designs/Drawings

REFLECTED CEILING PLAN
SCALE: ¼"=1'-0"

RFI: Request for Information

Clarify the design

Verify contract terms

Identify construction issues

Substitute materials

Document submitted before or during construction

WHAT:
- Clarify the design
- Verify contract terms
- Identify issues
- Substitute materials
- Create a paper trail
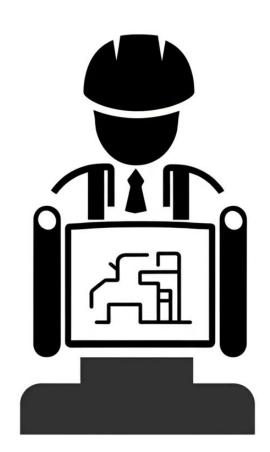
WHO:
- Contractor submits questions to architect, engineer, or owner's representative
- Response distributed to all parties via ASI
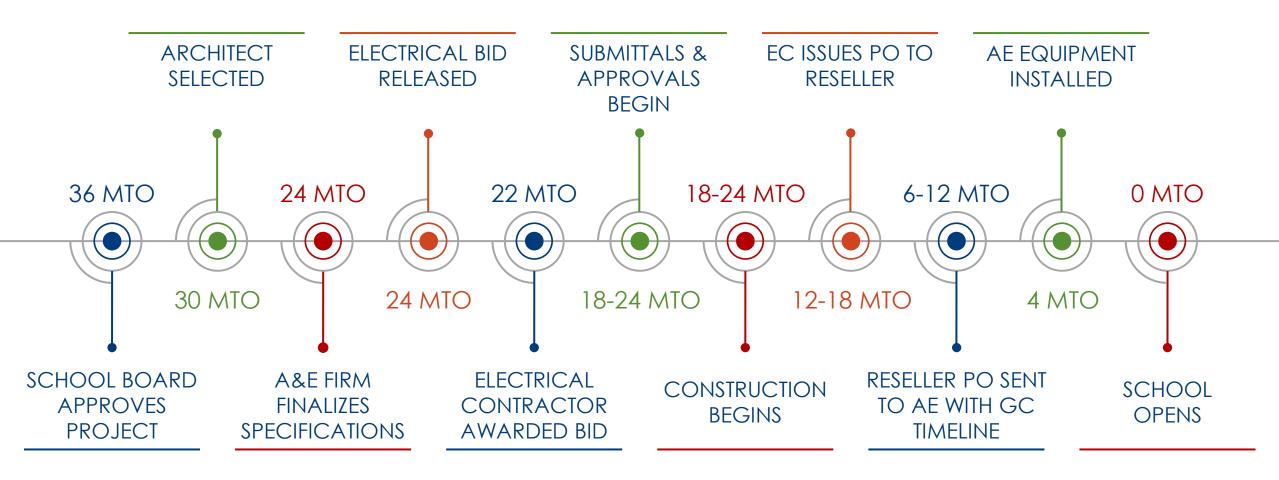
Architect's Supplemental Instruction (ASI)

- **Provide Clarification**
  - Materials, methods, contradictions, etc.

- **Issued by Architect or Project Designer**
  - Formal document

- **No Change to Contract Sum or Time**
  - Changes require an Addendum or Change Order

- **Crucial Documentation**
  - Creates paper trail and reference guide

New Construction Timeline

ARCHITECT SELECTED

ELECTRICAL BID RELEASED

SUBMITTALS & APPROVALS BEGIN

EC ISSUES PO TO RESELLER

AE EQUIPMENT INSTALLED

36 MTO

24 MTO

22 MTO

18-24 MTO

6-12 MTO

0 MTO

30 MTO

24 MTO

18-24 MTO

12-18 MTO

4 MTO

SCHOOL BOARD APPROVES PROJECT

A&E FIRM FINALIZES SPECIFICATIONS

ELECTRICAL CONTRACTOR AWARDED BID

CONSTRUCTION BEGINS

RESELLER PO SENT TO AE WITH GC TIMELINE

SCHOOL OPENS

MTO = Months to Opening
All times are approximate and dependent on project timeline

20

3ᴿᴰ PARTY INTEGRATIONS & SITE WALKTHROUGHS
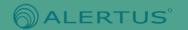
DIGITAL SIGNAGE

RISE VISION

vivi

GUNSHOT DETECTION

HALO SMART SENSOR

VAPE SENSORS

HALO SMART SENSOR

PHONE SYSTEMS

webex by CISCO

Mitel Powering connections

3CX

CISCO

SSO

ClassLink

Identity Automation

Google

Microsoft

SECURITY SYSTEMS

CENTEGIX

RAPTOR TECHNOLOGIES

CRISIS GO

ALERTUS

SURVELLANCE CAMERAS

Panasonic

AXIS COMMUNICATIONS

DW DIGITAL WATCHDOG

AVIGILON

ACCESS CONTROL

CDVI

openpath

Genentech

LENEL:S2

FIRE ALARM

Honeywell

If YOU are the Field Engineer

- Your team MUST be Level 2 EPIC Certified
- You handle EPIC's commissioning
  - WHEN this THEN that
- School must provide expert for their end
  - Access Control
  - Sensors
  - Cameras
  - Etc.
- Contact AE support with problems

3rd Party Integrations: Option 2

If AE is the Field Engineer

- Must be included in quote/bid
- Coordinate with your AE Sales Director
- Our team will handle integrations

Site Assessment Walkthrough

- Room Sizes and Configuration
  - Classroom
  - Band
  - Choir
  - Shop, etc.
- Ceiling Structure and Height
- Zone Requirements
- Designs/Drawings
- Integrations
- Wiring Paths

Bottom Line

BUSINESS SUCCESS
THROUGH PARTNERSHIP

We're here to help you!

Questions?

Jimmer Roy　　Jay Roman　　Alan Daugherty　　Isaiah Phillips　　Jesse Rich

SalesEngineers@audioenhancement.com

CLEAR CONNECT™
QUICK START GUIDE

AUDIO ENHANCEMENT +
Est. 1978

LINKING XD CLEAR BRIDGE™

The XD Clear Bridge™ will need to be linked to a compatible XD Receiver to send audio to **CLEAR Connect**™ and the accompanying translation service.

1. Use the included USB-C cable to **connect the XD Clear Bridge to the teacher computer**. Ensure *Input Audio* in the computer settings is set to *XD Audio Bridge*

2. Press the *Link* button on the front of the amplifier or receiver (look for the blinking yellow LED).

3. With the XD Clear Bridge connected to a USB port on the computer, press the *Link* button on the back of the unit. The XD Clear Bridge LED will slowly blink Green when plugged into a USB Port. After the *Link* button is pressed the XD Clear Bridge will quickly blink green until the link is completed.

4. Successful linking will produce a beep through the system, and on the front of the amplifier you will see an additional green LED, as well as a solid green LED on the rear of the XD Clear Bridge.

CLEAR CONNECT

Once your XD Clear Bridge and XD Microphone units are both linked with a compatible XD Receiver unit, you are ready to fully utilize the CLEAR Connect translation service.

1. Make sure your XD Teacher Microphone and any additional microphones are linked to the classroom's XD Receiver. For directions on how to link microphones, please see their associated quick start guides, available at https://audioenhancement.com/downloads.

Figure 1

2. To begin a CLEAR Connect session, visit https://aeclearconnect.com and log in with the credentials provided. *(Figure 1)*

3. Once at the *Teacher Experience* screen, enter a session name for your students, and select the language you will be instructing in.

4. Press *Start Translation*.

5. You will be given a session code *(Figure 2)*. This is the code that students will use to access the translated instructions.
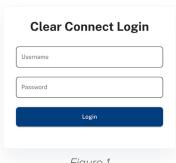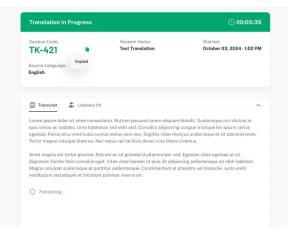
Figure 2

NOTE

On first usage, your browser may prompt you to allow the app to use the XD Clear Bridge as a microphone. Click the *Allow while visiting the site* button to ensure that the app always uses the microphone without prompting.

STUDENT ACCESS TO CLEAR CONNECT

Students can access CLEAR Connect through https://aeclearconnect.live. Once there, students will be able to enter their names and select their desired translation language, along with entering the Session Code provided by the instructor. Click *Join Translation Session* once all information is entered to access the translated instructions. *(Figure 3)*
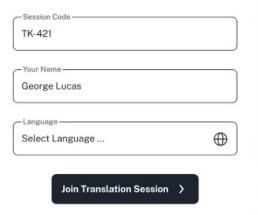
Figure 3

The Student Experience *(Figure 4)* is where students will see session information, as well as the translated teacher instruction. Students can toggle between their native language and instructor's language, read the transcription provided, as well as mute the translated audio, using the speaker icon.
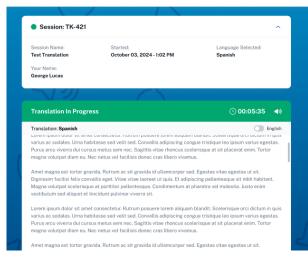
Figure 4

SUPPORTED LANGUAGES

- Afrikaans (South Africa)
- Arabic
- Basque (Spain)
- Bengali (India)
- Bulgarian (Bulgaria)
- Catalan (Spain)
- Czech (Czech Republic)
- Danish (Denmark)
- Dutch (Belgium)
- Dutch (Netherlands)
- English (Australia)
- English (India)
- English (UK)
- English (US)
- Filipino (Philippines)
- Finnish (Finland)
- French (Canada)
- French (France)

- Galician (Spain)
- German (Germany)
- Greek (Greece)
- Gujarati (India)
- Hindi (India)
- Hungarian (Hungary)
- Icelandic (Iceland)
- Indonesian (Indonesia)
- Italian (Italy)
- Japanese (Japan)
- Kannada (India)
- Korean (South Korea)
- Latvian (Latvia)
- Lithuanian (Lithuania)
- Malay (Malaysia)
- Malayalam (India)
- Marathi (India)
- Polish (Poland)

- Portuguese (Brazil)
- Portuguese (Portugal)
- Punjabi (India)
- Romanian (Romania)
- Russian (Russia)
- Serbian (Serbia)
- Slovak (Slovakia)
- Spanish (Spain)
- Spanish (US)
- Swedish (Sweden)
- Tamil (India)
- Telugu (India)
- Thai (Thailand)
- Turkish (Turkey)
- Ukrainian (Ukraine)
- Vietnamese (Vietnam)

CLOSING A CLEAR CONNECT SESSION

All CLEAR Connect sessions automatically close after 90 minutes of translation, however, an instructor can close a session whenever necessary by using the *Close Session* button *(Figure 5)* in the top right corner of the interface. Once a session is closed, all users will be removed, and a new CLEAR Connect session will need to be started to continue.
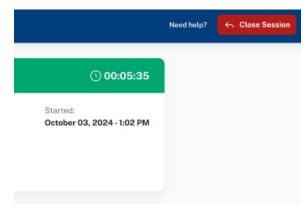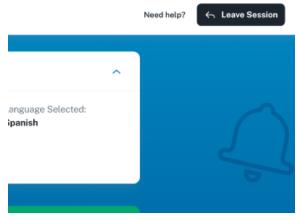
Figure 5

Students can leave the session independently using the *Leave Session* button *(Figure 6),* also located in the top right corner of the interface. Teachers can manually remove students from sessions using the *Listeners* tab on the main CLEAR Connect interface by clicking on the red *X button* next to a student's name. *(Figure 7)*
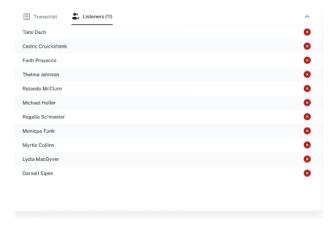
Figure 6

Figure 7

TROUBLESHOOTING

CLEAR CONNECT NOT RECOGNIZING XD CLEAR BRIDGE

Ensure the USB connection from the XD Clear Bridge to your computer is active, and in Windows, navigate to *Settings,* then *Sound.* Locate the device labeled *Digital Audio Bridge*, and ensure that it is active and set as an Audio Input Device. The LED indicator will be green if the device is correctly connected and functioning.

NETWORK AND CONTENT FILTERING REQUIREMENTS

To ensure seamless connection to CLEAR Connect, the following internet addresses must be available from your staff and student devices and networks. Any network restrictions or content filtering services must be configured to allow access to these sites.

*   *.audioenhancementplus.com

*   *.aeclearconnect.com

*   *.aeclearconnect.live
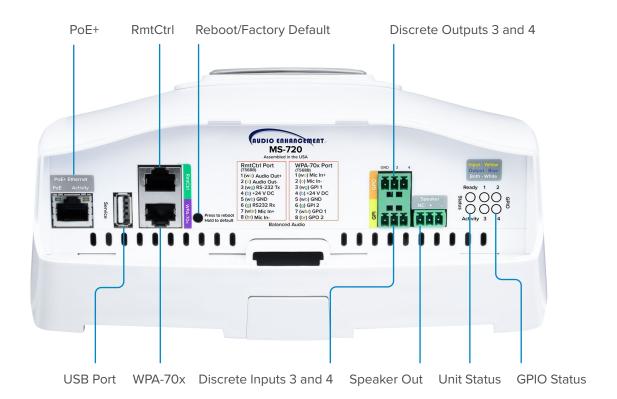
*Audio Enhancement's CLEAR Connect is designed with privacy and security as a top priority. The platform does not capture, store, or retain any student data once a session is closed. All data associated with the session is automatically deleted upon closure, ensuring that no personally identifiable information (PII) is stored. This commitment to data privacy aligns with our dedication to maintaining a secure and compliant digital environment for educators and students.

AUDIO ENHANCEMENT +

MS-720 NETWORK INTERFACE
SPEC SHEET

AUDIO ENHANCEMENT +
Est. 1978

The **MS-720 Network Interface for 2-Way Intercom** is a networked paging interface, perfect for audio in small rooms. This amplifier has network-based intercom, paging, and emergency notifications. It is easy-to-use, easy-to-install, and features an intuitive user interface. The entire unit utilizes Power over Ethernet+ (PoE+) and supports full duplex SIP communications. When used in conjunction with an Uninterruptible Power Supply (UPS), paging can still be heard during power outages and emergencies. This unit can be installed as part of the EPIC (Education Paging & Intercom Communications) System®, SAFE (Signal Alert For Education) System®, or integrated with other building systems.

PoE+   RmtCtrl   Reboot/Factory Default   Discrete Outputs 3 and 4

USB Port   WPA-70x   Discrete Inputs 3 and 4   Speaker Out   Unit Status   GPIO Status

SPECIFICATIONS

MS-720 NETWORK INTERFACE FOR 2-WAY INTERCOM	

LED Information	Ready Status
	    Green - Powered on
	    Red - Booting
	Activity Status
	    Off - No active event
	    Red - Active event
	GPIO (General Purpose I/O)
	    Yellow - Input active
	    Blue - Output active
	    White - Input & output active

Line Inputs	Internal network audio
Input Sensitivity	780 mV
Output Power	(2) 24 V RJ45 Connectors
Line Outputs	(1) Balanced line output RJ45 connectors
USB	Control and configuration via software, BLE dongle for setup
Speakers	8 Ω
Amplifier Type	92% efficient class D
Continuous Power @ 1% THD	1 W
S/N	>89 dB @ 20 Hz - 20 kHz at maximum output
Minimum Impedance Load	8 Ω
Protection Circuits	Thermal and short circuit protected
Control Port	(1) RMT CTRL Ports: for integration with LCD wall plate control, RJ45 (1) WPA port, RJ45 (1) GPO port, 3 pin Phoenix (1) GPI port, 3 pin Phoenix
Temperature/Humidity	Storage: -40 - 158° F (-40 - 70° C)/ 10-90% non-condensing Operating: -32 - 122° F (0 - 50° C) / 10-90%
Enclosure Type	Plastic
Ethernet I/F	10/100 Mbps
Protocols	SIP RFC 3261 compatible UDP directed broadcast VoIP enabled
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2 dBm nominal
Total Harmonic Distortion	THD+N: 1.20%
Weight	1.85 lbs (29.6 oz)
Dimensions	12.20 (H) x 8.70 (W) x 3.00 (D) in (310 x 221 x 76 mm)

AUDIO ENHANCEMENT +

MS-775 NETWORK INTERFACE
SPEC SHEET

AUDIO ENHANCEMENT +
Est. 1978

The **MS-775 Network Interface for SAFE Alert Extender** is a fully integrated networked paging interface, perfect for audio in small rooms. This amplifier has network-based intercom, paging, and emergency notification. It is easy-to-use, easy-to-install, and features an intuitive user interface. The entire unit utilizes Power over Ethernet+ (PoE+) and supports full duplex SIP communications. When used in conjunction with an Uninterruptible Power Supply (UPS), paging can still be heard during power outages and emergencies. This unit can be installed as part of the EPIC (Education Paging & Intercom Communications) System®, SAFE (Signal Alert For Education) System®, or integrated with other systems.
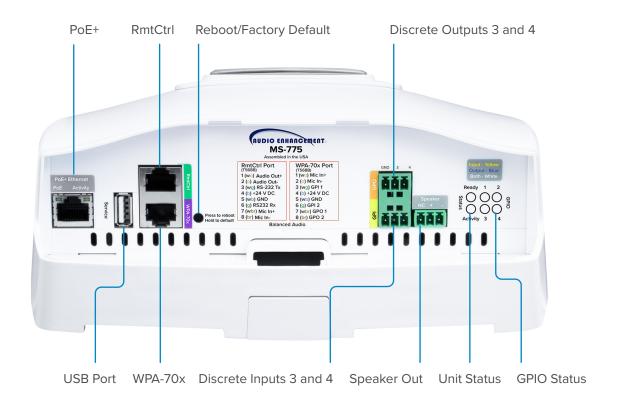
PoE+   RmtCtrl   Reboot/Factory Default   Discrete Outputs 3 and 4

AUDIO ENHANCEMENT
MS-775
Assembled in the USA

RmtCtrl Port (T568B)	WPA-70x Port (T568B)
1 (wo) Audio Out+	1 (wo) Mic In+
2 (o) Audio Out-	2 (o) Mic In-
3 (wg) RS-232 Tx	3 (wg) GPI 1
4 (b) +24 V DC	4 (b) +24 V DC
5 (wb) GND	5 (wb) GND
6 (g) RS232 Rx	6 (g) GPI 2
7 (wbr) Mic In+	7 (wbr) GPO 1
8 (br) Mic In-	8 (br) GPO 2

Balanced Audio

Press to reboot
Hold to default

GND   3   4
GPO
GPI
Speaker
NC + -

Input - Yellow
Output - Blue
Both - White

Ready   1   2
Status
Activity   3   4
GPIO

USB Port   WPA-70x   Discrete Inputs 3 and 4   Speaker Out   Unit Status   GPIO Status

SPECIFICATIONS

MS-775 NETWORK INTERFACE FOR SAFE ALERT EXTENDER	

LED Information	Ready Status
	    Green - Powered on
	    Red - Booting
	Activity Status
	    Off - No active event
	    Red - Active event
	GPIO (General Purpose I/O)
	    Yellow - Input active
	    Blue - Output active
	    White - Input & output active

Line Inputs	(1) Microphone input Internal network audio
Input Sensitivity	780 mV
Output Power	(2) 24 V RJ45 Connectors
Line Outputs	(1) Balanced line output RJ45 connectors
USB	Control and configuration via software, BLE dongle for setup
Speakers	8 Ω
Amplifier Type	92% efficient class D
Continuous Power @ 1% THD	1 W
S/N	>89 dB @ 20 Hz - 20 kHz at maximum output
Minimum Impedance Load	8 Ω
Protection Circuits	Thermal and short circuit protected
Control Port	(1) RMT CTRL Ports: for integration with LCD wall plate control, RJ45 (1) WPA port, RJ45 (1) GPO port, 3 pin Phoenix (1) GPI port, 3 pin Phoenix
Temperature/Humidity	Storage: -40 - 158° F (-40 - 70° C) / 10-90% non-condensing Operating: -32 - 122° F (0 - 50° C) / 10-90%
Enclosure Type	Plastic
Ethernet I/F	10/100 Mbps
Protocols	SIP RFC 3261 compatible UDP directed broadcast VoIP enabled
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2 dBm nominal
Total Harmonic Distortion	THD+N: 1.20%
Weight	2.05 lbs (32.8 oz)
Dimensions	12.20 (H) x 8.70 (W) x 3.00 (D) in (310 x 221 x 76 mm)

EPIC STROBE
SPEC SHEET

The **EPIC Strobe** can be used in an emergency and alerting events. A flashing light notifies people of an emergency, in rooms such as labs, band rooms, and shops. In other applications, a clearly visible indicator light with controllable colors can be used to signal room occupation, closed doors, and similar status. This unit can be installed as part of the SAFE (Signal Alert For Education) System®. The EPIC Strobe can be controlled using digital I/O for single color events.

Front

Back

SPECIFICATIONS

EPIC STROBE

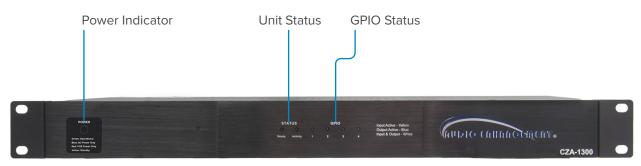|	
Ports	(1) RJ45 Upstream Port (1) RJ45 Downstream Port (1) Door Sensor
Power Supply	24 V DC 250 mA (The maximum number of EPIC Strobes connected to an MS-600 or MS-700 is two)
Temperature/Humidity	Storage: -40 - 158° F (-40 - +70° C)/10-90% non-condensing Operating: 32 - 122° F (0 - +50° C)/10-90% non-condensing
Enclosure Type	ABS Plastic
Protection Circuits	Thermal and Short Circuit Protected
Dip Switch	Device Address (1-4) DP 1-2 DP1 DP2 Address Off Off 1 Off On 2 On Off 3 On On 4 Serial/GPIO Control & GPIO Color: DP 3-5 DP3 DP4 DP5 Color Off Off Off None (Serial) Off Off On Red Off On Off Orange Off On On Yellow On Off Off Green On Off On Aqua On On Off Blue On On On Purple
Weight	0.2 lbs (3.2 oz)
Dimensions	2.8 (H) x 4.5 (W) x 4.5 (D) x in (114 x 114 x 72 mm)
Software	EPIC (Education Paging & Intercom Communication) System®
Part Number	ST-AC-2187

CZA-1300 AMPLIFIER
SPEC SHEET

AUDIO ENHANCEMENT +
Est. 1978
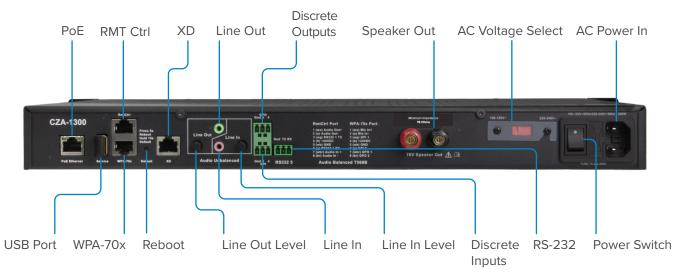
The **CZA-1300 Amplifier** is a fully integrated 70 V amplifier designed to integrate seamlessly with the EPIC (Education Paging & Intercom Communications) System® platform and provide audio in large areas like cafeterias, gymnasiums, and hallways. This is a network connected amplifier which facilitates paging and emergency notifications as part of the EPIC System. It is easy-to-use, easy-to-install, and has a simple user interface. When used in conjunction with an Uninterruptible Power Supply (UPS), paging will remain operational during emergencies. This unit can be installed as part of the SAFE (Signal Alert For Education) System®. It can also be connected to an XD Receiver and used as an intercom for full duplex audio.

Power Indicator   Unit Status   GPIO Status

Front

PoE   RMT Ctrl   XD   Line Out   Discrete Outputs   Speaker Out   AC Voltage Select   AC Power In

USB Port   WPA-70x   Reboot   Line Out Level   Line In   Line In Level   Discrete Inputs   RS-232   Power Switch

Back

SPECIFICATIONS

CZA-1300 Amplifier	

LED Information	Power
	    Green - Powered On
	    Blue - AC Power Only
	    Red - Power over Ethernet (PoE) Power Only
	    Yellow - Standby
	GPIO (General Purpose I/O)
	    Yellow - Input Active
	    Blue - Output Active
	    White - Input & Output Active
	Activity Status
	    Off - No Active Event
	    Red - Active Event

Line Inputs	For PC, DVD audio, MP3, auxiliary mic, or other multimedia sources (1) Unbalanced inputs (3.5 mm) (1) Microphone Input (2) Balanced inputs RJ45 connectors Internal Network Audio
Input Sensitivity	780 mV
Output Power	(3) 24 V RJ45 connectors
Line Outputs	(1) Unbalanced (3.5 mm) output (1) Balanced line outputs (RJ45 connectors)
USB	Control and configuration via software. BLE Dongle for easy setup.
Speakers	70 V Speakers
Amplifier Type	92% Efficient Class D
Continuous Power @ 1% THD	300 W
S/N	>89 dB @ 20 Hz - 20 kHz at maximum output
Minimum Impedance Load	19 Ω
Protection Circuits	Thermal and short circuit protected
Control Port	(1) RS-232 communication ports to facilitate SAFE System communications or used to control another device such as a projector (1) RMT CTRL Ports: for integration with LCD ITC wall plate control, RJ45 (1) WPA Port, RJ45 (1) GPO port, 3 pin Phoenix (1) GPI port, 3 pin Phoenix
Power Supply	100 V – 120 V/220 V – 240 V @ 300 W powers amplifier PoE (PoE 802.3af) Powers all electronics except for the 70 V Speaker Out amplifier Both AC power and PoE power must be connected for the unit to operate.
Controls	Power On/Off Switch (Rear Panel)
Temperature/Humidity	Storage: -40 - 158° F (-40 - +70° C)/10-90% non-condensing Operating: -32 - 122° F (0 - +50° C)/10-90%
Enclosure Type	Steel
Ethernet I/F	10/100 Mbps
Protocols	SIP RFC 3261 compatible UDP Directed Broadcast Multi-cast and VoIP enabled
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2 dBm nominal
Total Harmonic Distortion	THD+N: 1.20%
Weight	8.5 lbs (136 oz)
Dimensions	1.75 (H) x 19 (W) x 10 (D) in (44 x 483 x 254 mm)

MIC360® 2.0
QUICK START GUIDE

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Top View With Windscreen

Power On/Off

Volume Down

USB-C Charging Port

XD Link

Volume Up

Microphone

LED Indicator Ring

Top View Without Windscreen

NOTE

To access the controls, twist the windscreen counterclockwise.

LED INDICATOR RING

Slow Yellow Blinking Light

Mic360® 2.0 is trying to connect to its previously linked receiver.

Fast Blinking Yellow Light

Mic360 2.0 is in linking mode.

Purple Light

Mic360 2.0 is linked to the XD Receiver.

Microphone is muted. Muting happens when the Mic360 2.0 is moving, or when it is resting on its windscreen.

Green Light

Mic360 2.0 is linked to the XD Receiver.

Microphone is active.

CHARGING

Plug the USB-C cable into the Mic360 2.0 to charge.

During charging, the red LEDs will blink in sequence. Once all four LEDs are solidly lit, the device is fully charged.

LINKING

Press and hold the *Power* button for 2 seconds to turn on the Mic360 2.0.

Press and hold the *LINK* button for 1 second to initiate the linking process.

The LED Ring will blink yellow slowly when first powered on.

After linking is initiated, it will blink yellow in sequence.

Press the *LINK* button on the classroom amplifier.

When the linking process is successful, you will hear an audible beep, the green LEDs on the classroom amplifier will be lit, and the LED Ring on the Mic360 2.0 will be green.

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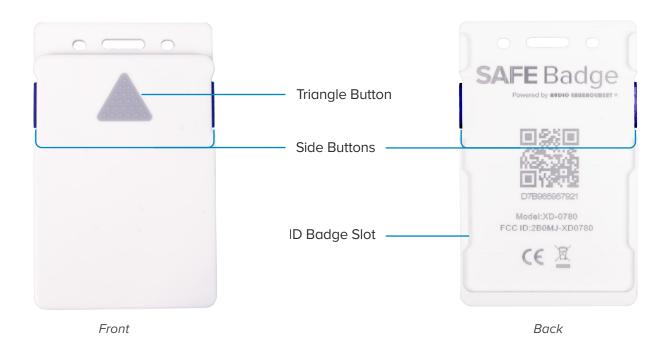
SAFE BADGE
SPEC SHEET

The **SAFE Badge*** is a lightweight wearable device that brings a new level of security and responsiveness to school environments. The SAFE Badge combines long-lasting battery technology with user-friendly features to ensure staff can initiate emergency alerts or lockdowns quickly and reliably from any location on campus including parking lots and sports fields.

This versatile system extends the SAFE Alert capabilities already available to teachers via their Audio Enhancement® XD Microphones, to custodians, office staff, or any personal required for comprehensive coverage. SAFE Badge also functions as a standalone solution for schools without an audio paging or intercom system, delivering dependable SAFE Alert functionality without additional infrastructure.

Triangle Button

Side Buttons

ID Badge Slot

Front

Back

*Patent Pending

SPECIFICATIONS

SAFE BADGE	
Buttons	Side Buttons (Both side buttons must be pressed for 2 seconds at the same time to activate an alert) Triangle Button (Must be pressed for 2 seconds to generate an alert)
LED	LED will flash when button press is detected LED will stop flashing when SAFE Alert is acknowledged or after one minute
Vibration	Badge will vibrate once when Receiver confirms button is pressed Badge will vibrate three times when the SAFE Alert is acknowledged from EPIC Headend
Coverage	Optimal coverage intended for classrooms, cafeterias, sports fields, and other similar size spaces
Wireless Technology	BLE
Battery Life	Battery will operate for up to 5 years (Actual life depends on usage and temperature exposure)
Temperature Range	Storage: -40 - 158° F (-40 - 70° C) / 10-90% non-condensing Operating: -4 - 122° F (-20 - 50° C) / 10-90%
Material	Plastic
Weight	0.1 lbs (1.6 oz)
Dimensions	3.5 (H) x 2.4 (W) x 0.3 (D) in (7.2 x 60 x 90 mm)
Part Number	XD-0780

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SAFETY SIMPLIFIED

The **XD SAFE Badge*** is a lightweight, wearable device that enhances security and responsiveness in schools. The XD SAFE Badge enhances the Audio Enhancement® SAFE (Signal Alert for Education) System® by integrating seamlessly with the existing XD microphone infrastructure, which is part of our industry-leading classroom audio solution. It delivers alerts through the same reliable, user-friendly SAFE interface, ensuring consistent and efficient emergency communication without requiring new system familiarity.

ALERT BUTTONS

SAFE Alert
In the event for the need of staff assistance, staff can press both side buttons simultaneously to initiate an alert.

Escalated Alert
After initating a SAFE Alert, pressing the triangle button will initate an escalated alert prompting for immediate action or emergency response to a Lockdown.

ADDITIONAL UPDATES

DECT Technology
Utilizes the same infrastructure as the XD Teacher Microphone.

Rechargeable Battery
Internal battery is rechargeable through a USB-C charging port.

*Patent Pending

Making a difference in education since 1978

LEARN MORE, VISIT AUDIOENHANCEMENT.COM OR CALL 800.383.9362

XD CLEAR BRIDGE
SPEC SHEET

AUDIO ENHANCEMENT®
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The **XD Clear Bridge** is the perfect teacher option for streaming audio from various media devices into the classroom. The Bridge interfaces to a Windows or Apple computer using a USB connector. It routes digital audio from the computer to an Audio Enhancement Amplifier. It supports analog audio input and output to an external audio device through an audio cable with 3.5 mm connectors. Get the same great audio quality you've come to expect from Audio Enhancement®, in more teaching spaces than ever before.

Top View

Audio Out

Audio In

Right Side

USB-C

LINK LED

LINK Button

Left Side

SPECIFICATIONS

XD TEACHER PENDANT MICROPHONE	
LINK Button	Link to XD Receiver
LED	LINK: Wireless Link • Red Blink – Mic is not linked to XD Receiver • Yellow Blink – Mic is connecting to XD Receiver • Green – Mic is linked to XD Receiver
System Frequency	DECT Technology 1.9 GHz
Coverage	Optimal coverage intended for classrooms and other similar size spaces
Audio In	Line Level 3.5 mm stereo mini jack (monaural mix)
Audio Out	Line Level 3.5 mm stereo mini jack (monaural mix)
Lineout	Output Signal Amplitudes 2.0 VPP maximum
Output Level	+2 dBm nominal
Total Harmonic Distortion	0.5% maximum
Connector	USB-C
Temperature Range	Storage: -40 - 158° F (-40° - 70° C)/ 10-90% non-condensing Operating: 41° - 95° F (5° - 35° C)/ 10-90%
Enclosure Type	ABS Plastic
Weight	0.11 lbs (1.80 oz)
Dimensions	1.1 (H) x 2.9 (W) x 3.4 (D) in (28 x 73 x 86 mm)
Accessories	USB-A to USB-C adapter Blue 5' USB-C cable Pink 6' Audio Cable Green 6' Audio Cable

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AUDIO ENHANCEMENT®

NETWORK INFO SHEET

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Purpose

- **Gather Vital Information**
  - IP Scheme
  - IP Reservations
  - Equipment Locations
- **Prepare School Equipment**
  - Pre-Programming
  - Location Planning
  - Package Labeling

Network Info Sheet

Order Type: New

License Information

License Type: ☑ ViewPath ☑ Clocks ☑ Signs ☑ DeskTop Announcer

Create Form   Reset Sheet

Optional EPIC Settings

EPIC Map Search	☑ Teacher Name
SAFE Notifications	☑ Email
SAFE Notifications	☑ SMS Message

ITC

☑ School Logo

Headend Information

Device Type	4
EPIC Server - ST-EP-0001.P	1
Virtual Server - SB-EP-8110.P	
DistrictView Server - ST-EP-0113.P	0
Kiosk - EP-0020.P	1
CLAUDIA Front Office - EP-0105.P	1
CLAUDIA Classroom - XD-0900.P	
Grandstream Phone - PA-0095.P	1

Device Information

Device Type	28
MS-775 - AM3253.P	1
MS-720 - AM-3252.P	1
MS-700 - AM3250.P	10
MS-600 - AM-3230.P	0
MS-500A - AT-AM-8005.P	0
MS-375 - AM-3245.P	0
MS-320 - AM-3244.P	0
MS-300B - ST-AM-8003.P	0
EduCamPTZ-C - ST-NE-1050.P	2
EduCam360-C - ST-NE-1051.P	2
Viking - PA-1061.P	0
Algo Strobe - ST-AC-2102.P	0
ITC-2 - ST-PA-8010.P	10
CZA-1300 - ST-AM-1028.P	1
Barionet50 - ST-AM-9002.P	1

New Project

Date:	7/28/2025
Number of Devices:	32

District and School Information

School District Name:	
Project Name:	
Site Acronym (LES, CHS, Etc.):	

AE Device Network

Static IP Range:	
Subnet Mask:	
Gateway:	
DNS 1:	8.8.8.8 If Not Specified
DNS 2:	8.8.4.4 If Not Specified
NTP/Time Server:	pool.ntp.org If Not Specified

Licenses / **SAFE Contact Information**

ViewPath	
Clocks	
Signs	
Desktop Announcer	
	☑

Please provied a .png file of the school/district logo for the ITCs. The minimun size is 240x200 pixels

Device Type: EPIC Server	Total: 1	
Room Number	IP Address (Optional)	EPIC Gateway

Device Type: Kiosk	Total: 1
Area	IP Address (Optional)

Device Type: Front Office CLAUDIA	Total: 1
Area	IP Address (Optional)

Device Type: Grandstream Phone	Total: 1	
Room Number	IP Address (Optional)	Extension (Optional)

Device Type: MS-775	Total: 1		
Room Number	IP Address (Optional)	Extension (Optional)	Teacher Name

Device Type: MS-720	Total: 1		
Room Number	IP Address (Optional)	Extension (Optional)	Teacher Name
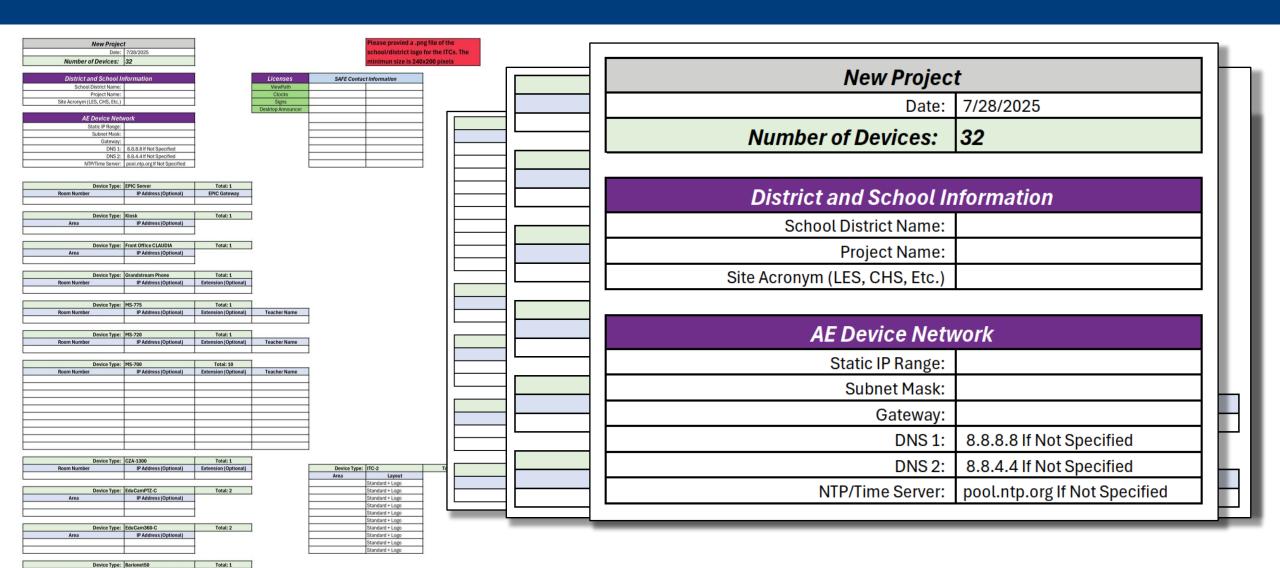
Device Type: MS-700	Total: 10		
Room Number	IP Address (Optional)	Extension (Optional)	Teacher Name

Device Type: CZA-1300	Total: 1	
Room Number	IP Address (Optional)	Extension (Optional)

Device Type: EduCamPTZ-C	Total: 2
Area	IP Address (Optional)

Device Type: EduCam360-C	Total: 2
Area	IP Address (Optional)

Device Type: Barionet50	Total: 1
Area	IP Address (Optional)

Device Type: ITC-2	Total: 10
Area	Layout
	Standard + Logo
	Standard + Logo
	Standard + Logo
	Standard + Logo
	Standard + Logo
	Standard + Logo
	Standard + Logo
	Standard + Logo
	Standard + Logo
	Standard + Logo

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Network Info Sheet

New Project

Date:	7/28/2025
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School District Name:	
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Site Acronym (LES, CHS, Etc.)	

AE Device Network

Static IP Range:	
Subnet Mask:	
Gateway:	
DNS 1:	8.8.8.8 If Not Specified
DNS 2:	8.8.4.4 If Not Specified
NTP/Time Server:	pool.ntp.org If Not Specified

Network Info Sheet

5 DAYS

Why?

- **Every device is labeled:**
  - Room or Location
  - IP Address
  - Serial Number
  - MAC Address
  - Internal lot number

Bottom Line