



GLOBALCOM<sup>®</sup>.IP

The world's most interoperable communication platform that unifies  
**digital paging, VoIP, visual messaging, and emergency notification** into ONE efficient solution

# What is a Company's Greatest Asset?

No doubt companies invest a fortune in construction, furniture, even an enterprise-wide information infrastructure. But when you think about it, PEOPLE are a company's greatest asset. Successful company's are winning by effectively leveraging their people.

People want to work in a collaborative environment, where they can easily communicate, either one-on-one or via an announcement broadcast for the whole company using a single solution to accomplish it.



Did you  
know ?

Facts

Research shows a top priority for employee satisfaction is SAFETY in the workplace. Systems and protocols that help protect workers from workplace violence, emergencies, and natural disasters.

## Welcome to GLOBALCOM<sup>®</sup>.IP

The solution to effectively unify communication messaging:

**Voice, Visual,** and **Emergency**

– through all types of media.

It is a single system solution that allows for configuration and management of these media broadcasts throughout a facility - *even to other building locations.*

**The results are both improved daily communications and emergency mass notification.**



## The SOLUTION for Improved Enterprise-Wide Daily Communications



Clear and Intelligible  
Two-Way Talkback  
Between Devices



Record and Playback  
Live, Delayed Pages  
in a Priority Queue



Advanced  
Announcement  
Scheduling



Unprecedented  
Message Storage



Text-to-Speech  
Support



Automated  
Zone-Specific Bells  
and/or Tones



ADA Compliant  
Visual Messaging



Automatic Level  
Adjustment Based Upon  
Real-Time Environmental  
Noise Analysis

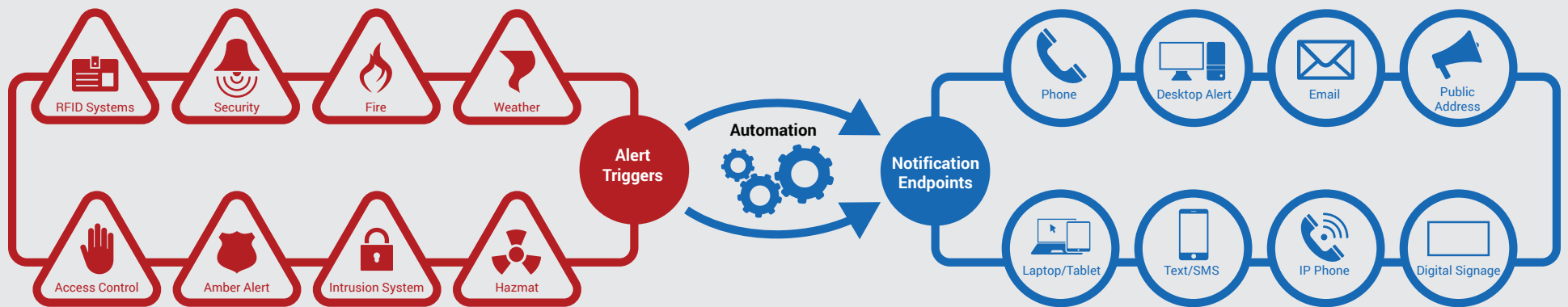


Speech Privacy Via  
Sound Masking



Customizable User  
Control Interfaces

# The BEST and MOST Proven Mass Notification & Emergency Platform



Businesses live in a world of unknowns with critical events and emergency scenarios happening daily. When seconds count, GLOBALCOM®.IP ensures the right people are immediately informed when an emergency happens. Our pre-recorded messages and visual notifications are broadcast automatically across the facility and calmly lead everyone to safety.



GLOBALCOM®.IP supports

# MNEC+ technology

When Mass Notification Emergency Communication Plus (MNEC+) is used with AtlasIED's patented GCK software, our devices ensure people understand the intended message, both visually and audibly, with scrolling text in sync with the emergency audio message.

## Smart override

GLOBALCOM®.IP provides system override capability. This allows an authorized on-site or off-site emergency responder to take control of the system and broadcast live announcements.

## How Does It Work?

GLOBALCOM®.IP sets a new standard of interoperability by utilizing **Voice Over IP (VoIP)**, **Audio Over Ethernet (AoE)**, and **IEDNet+**. It uses all protocols simultaneously over a single IP-based network infrastructure. All communications are broadcasted clearly and seamlessly.

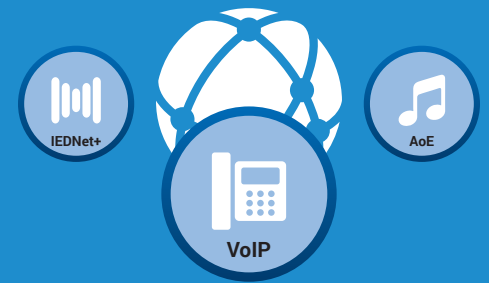
## Why Do I Need All These Protocols?

The best explanation is sharing current methods within a typical business. Today, a common facility will have separate infrastructures for VoIP telecom, public-address audio system, meeting space audio/video systems, and emergency evacuation. All of these are MUST HAVE's for any business, but it's also four different systems with costs, quality of service, and service maintenance. Each system has its own protocols and trying to get them to communicate together can be frustrating and difficult. Typically, the final results are poor quality and reliability.

Now imagine an all-in-one, IP-based solution unifying all these protocols over a single network.

- ✓ Seamless Interoperability
- ✓ Clear and Intelligible Announcements
- ✓ High-Definition Digital Audio
- ✓ Leverages All Communication Mediums During Emergency Scenarios

GLOBALCOM®.IP provides one single, robust platform managing all communications.



### What is Voice Over Internet Protocol (VoIP)?



An Ethernet-based method for delivery of voice communications and multimedia sessions over Internet Protocol (IP) networks. VoIP involves sending voice information in digital form rather than by using the traditional circuit-committed protocols of the public switched telephone network. A major advantage of VoIP and Internet telephony is that it avoids the tolls charged by ordinary telephone service.

### What is Audio over Ethernet (AoE)?



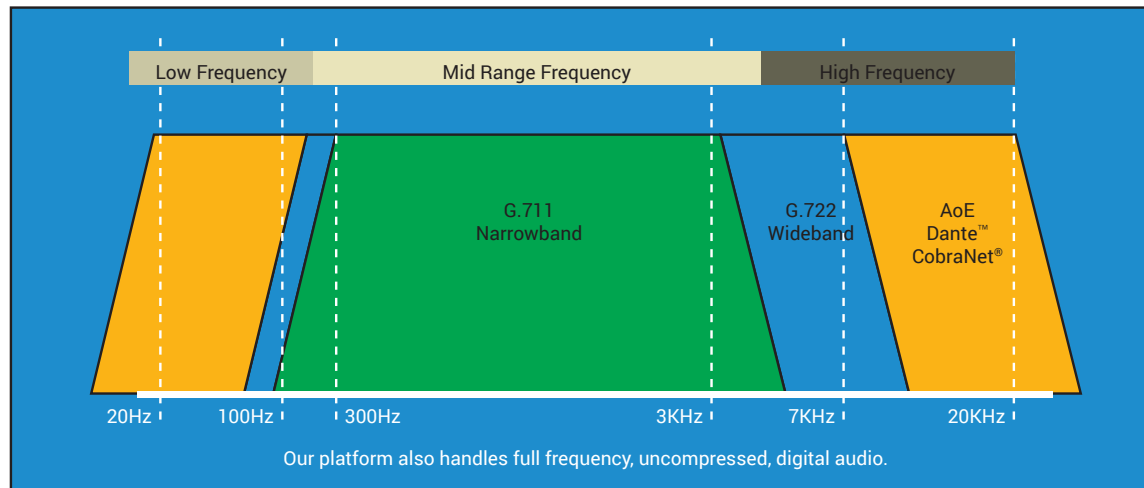
An Ethernet-based method to distribute real-time digital audio for high-fidelity, low-latency professional audio. Because of the fidelity and latency constraints, Audio over Ethernet systems generally do not utilize audio data compression. AoE systems use a much higher bit rate (typically 1 Mbit per channel) and much lower latency (typically less than 10 milliseconds) than VoIP.

### What is IEDNet+?



IEDNet+ provides control, VoIP compatibility, and uncompressed Audio Over IP (Layer 3) along with routing, supervisory and visual paging elements. It builds upon the 20+ year IEDNet control and supervision protocol with the addition of Real-time IP Layer 3 Transport Protocol and VoIP compatibility for Wide Area Network (WAN) communications.

## Hear the Difference?



Absolutely.

VoIP's frequency response was designed for telephony speech. VoIP devices support G.711 Narrowband and/or G.722 Wideband protocols. As seen in the chart, G.711 only covers mid-range frequencies, while G.722 widens the frequency response for mid-highs and mid-lows, but it is still limited.

AoE's frequency response was designed for full-range. AoE devices support Dante™ or CobraNet® protocols. As seen in the chart, AoE covers all audible frequencies and provides excellent voice, music, and pre-recorded playback.

GLOBALCOM®.IP dynamically chooses which devices are being used and provides the highest definition audio based upon their capabilities.

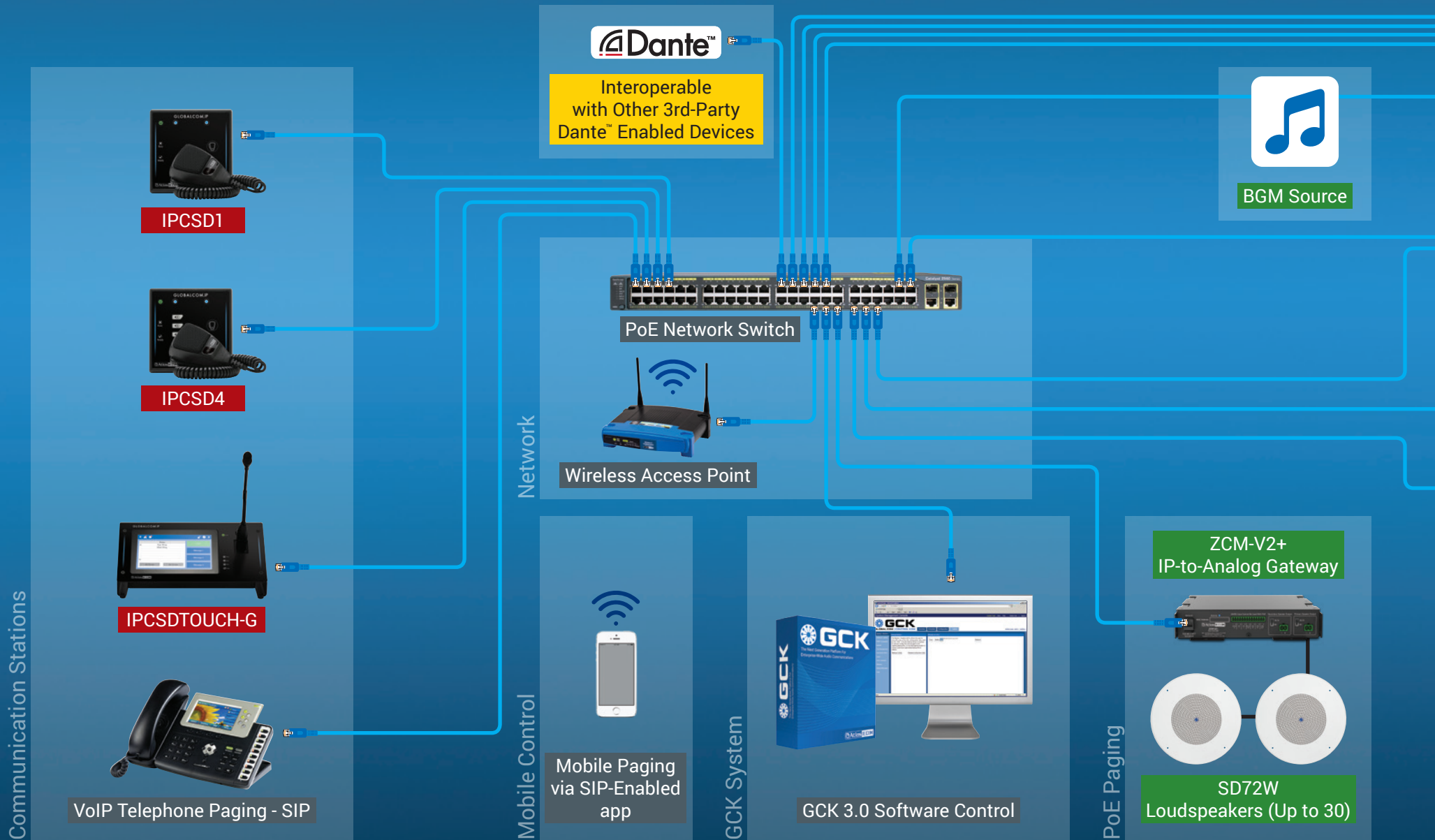
## Scalable – The Power to Grow

Designed to enterprise-class quality standards, GLOBALCOM®.IP is powerful enough for any installation size, yet flexible to accommodate system expansion when additional business needs are required. Expansion is very simple to implement. Connect the additional devices to the network and enable them via GCK 3.0 software.

GLOBALCOM®.IP makes it simple to start with a baseline VoIP system and add the desired functionality for any business needs. This brochure is segmented to start with a base system and builds upon each additional system capability.

# System Example of a Dante™ Based System

- Base System - VoIP with IP Loudspeakers
- Add Digital Signage / Visual Paging
- Add Business Music and Office Paging
- Add Speech Privacy
- Add Enterprise Paging & Messaging
- Add Network DSP and Wall Controllers
- Add System Redundancy



Communication Stations

Network

Mobile Control

GCK System

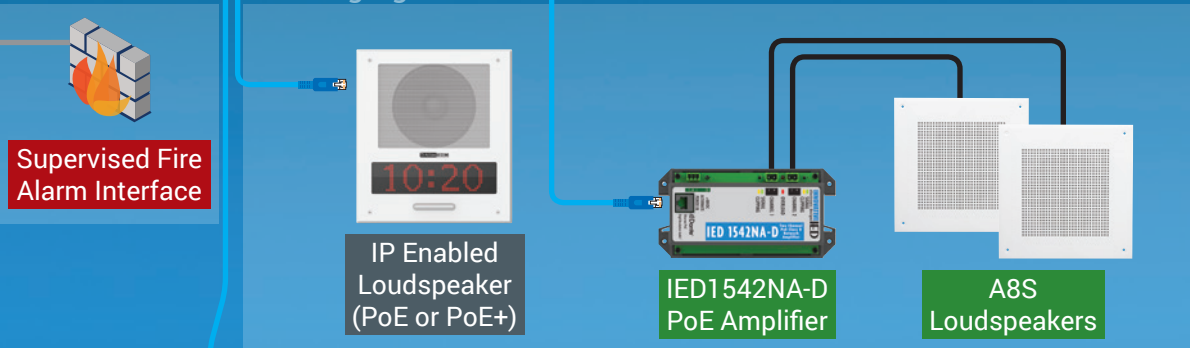
PoE Paging



Digital Signage / Visual Paging

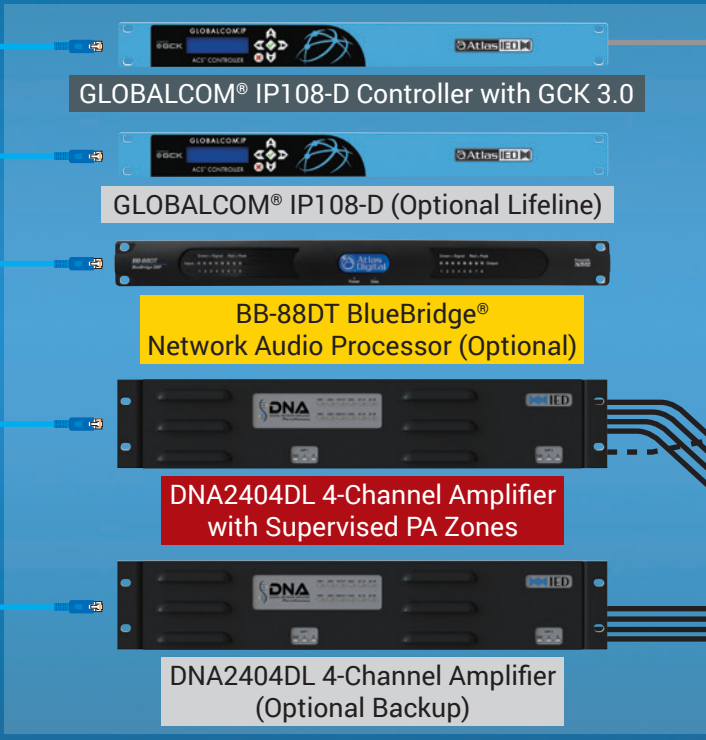


PoE Paging



Controllers

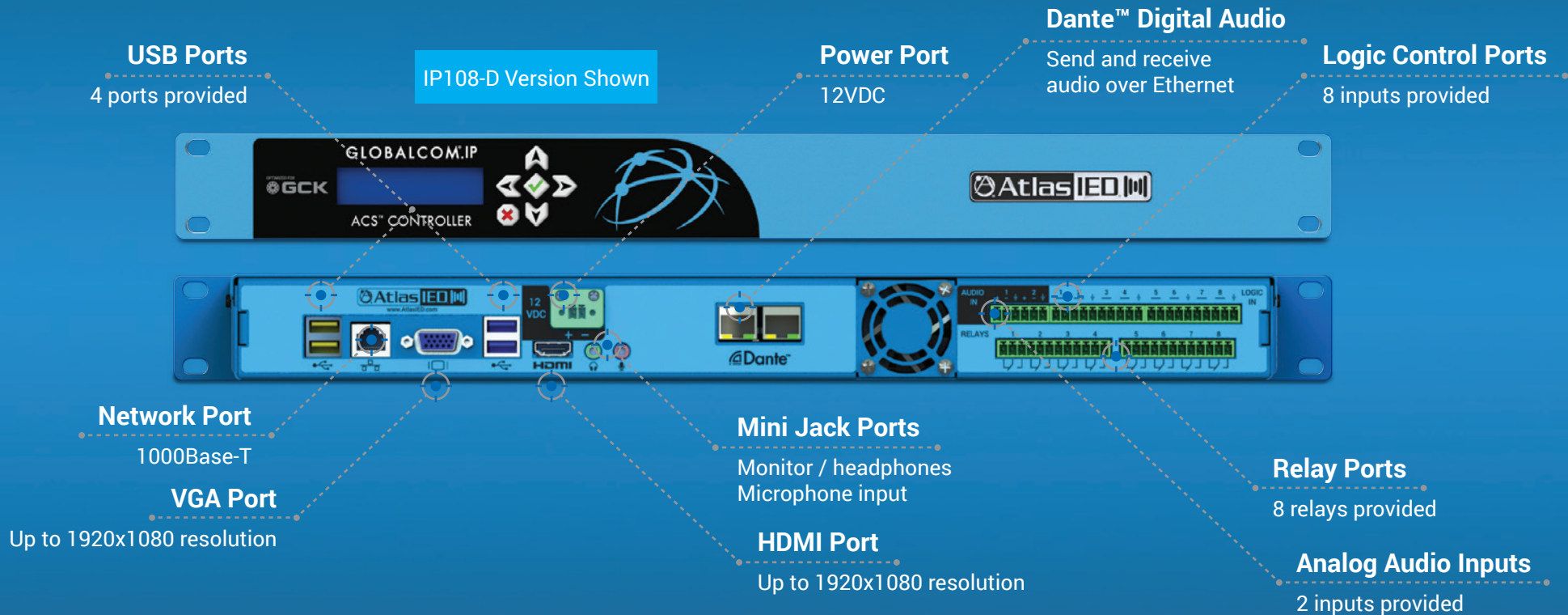
Loudspeaker & Ambient Channels



# IP100 Series ACS Controller

The heart of the system is the GLOBALCOM® IP100 Series ACS Controller. It is a fully-operational, software based network appliance that controls the flow of communication traffic. It dynamically sends and receives media from each endpoint while bridging between multiple network protocols simultaneously.

Engineered for maximum interoperability, the IP100 Series manages an entire system of VoIP loudspeakers, digital mic stations, digital power amplifiers, additional message servers, and other network peripherals.



## Five Model Choices

### IP100

- VoIP Capable
- Two Local Line Inputs
- Eight Logic Inputs
- Eight Relays

### IP108-D

- VoIP Capable
- 8 Dante™ Digital Message Channels
- Two Local Line Inputs
- Eight Logic Inputs
- Eight Relays

### IP108

- VoIP Capable
- 8 CobraNet® Digital Message Channels
- Two Local Line Inputs
- Eight Logic Inputs
- Eight Relays

### IP116-D

- VoIP Capable
- 16 Dante™ Digital Message Channels
- Two Local Line Inputs
- Eight Logic Inputs
- Eight Relays

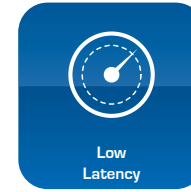
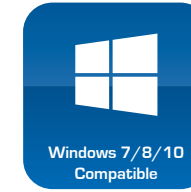
### IP116

- VoIP Capable
- 16 CobraNet® Digital Message Channels
- Two Local Line Inputs
- Eight Logic Inputs
- Eight Relays

# IP100 Series ACS Controller - Features and Benefits

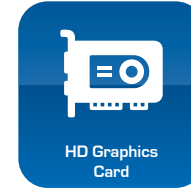
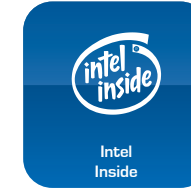
## Plug and Play

- Fully Operational Software Based Network Appliance
- Plug in a Display, Keyboard, & Mouse
- No Secondary Computer Required for Setup
- Windows® OS Included



## Processing Power

- Intel™ Quad Core Processor
- Non-Volatile Memory
- Integrated HD Graphics Card for HDMI / VGA Monitor Connectivity



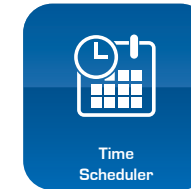
## Audio over Ethernet (AoE) Support

- Version with Audinate® Dante™ Digital Audio Streaming
- Version with CobraNet® Digital Audio Streaming



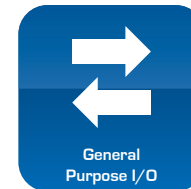
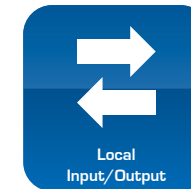
## Built-In Message Server

- 120GB Solid State Drive
- Record and Store Over 2,000 Announcements
- Automated Announcement Playback via GCK 3.0 Time Scheduler



## Local Input / Output and Control Ports

- Two (2) Line Level Inputs
- Four (4) USB Ports
- Eight (8) Logic Inputs
- Eight (8) Relays



## System Supervision & Redundancy

- IED's LifeLine™ Supervision Provides System Monitoring and Fault Detection
- If Failure Happens, It Automatically Switches to Backup Devices



# GCK 3.0 Software Platform

AtlasIED's GCK 3.0 Application Platform is the brain of the system. This powerful software platform provides easy management of an entire enterprise announcement and broadcast system. It unifies them into one user interface controlling communication endpoint devices and media types.

GCK 3.0 incorporates AtlasIED's world-renowned broadcast technologies designed for improved daily communications and emergency mass notification.



**NeverMISS™** Technology is an AtlasIED software innovation that ensures all live paging announcements always reach their intended destination. If the destination endpoint is busy, it will intelligently store the live message and release it immediately when the devices are available.

## GCK 3.0 - Features and Benefits

### Smart Automation

- Intelligent Announcement Time Scheduler
- Zone Specific Bells and Tones Scheduler
- Automated Zone Specific Emergency Message Playback
- Trigger Multiple Messages and Actions with One Input Based on Facility Risk Assessment Policy

### Seamless VoIP Integration

- Communicate Between VoIP Handsets and AtlasIED Endpoints
- Full Duplex, Two Way Communication
- Supports G.711 (Narrowband) and G.722 (Wideband) VoIP Codecs

### Limitless Zone Control

- Program Unlimited Amounts of Paging Zones
- Ability to Dynamically Send Broadcasts to Individual, Multiple, or All Zones
- Wide Area Paging Between Multiple Networked IP100 Controllers

### Priority Levels

- Set Announcement Priority and Behavior
- Priority Override and Message Recovery
- Automatically Record Live Pages to Busy Zone for Playback When Freed

### Text to Speech

- Easily Convert Text to Audible Announcements
- Choose From a Wide Selection of Languages in Both Male and Female Voice
- Microsoft Voice Libraries Are Included
- High Quality Languages Are Not Included
- Separate Charge Based on Size of Installation (Provided by 3rd Party) Standard

# Surface / Flush Mount Loudspeaker Solution

AtlasIED I8SCMF+ IP loudspeaker provides high-output sound, visual display, talkback mic, and flasher in one solution.

## Rugged Construction

Thick 16 gauge steel  
Dent resistant  
Powder coated

## Integrated Mic for Talkback Communications

Full-definition audio  
Ambient noise reduction  
Feedback resistant

## Integrated Digital Amplifier

Ultra-efficient power design  
Class D technology  
Loudspeaker processing

## One Cable Installation

PoE or PoE+ enabled  
No separate power cable required

## LED Flasher

Industrial grade LEDs  
Multi-color  
Multi-flash rate

## Highly Intelligent Driver

Full definition audio capable  
8" transducer  
Excellent speech intelligibility

## Local Connectivity

Line level input  
Line level output

## General Purpose Input / Output Control Ports

2 inputs and 1 output  
Trigger critical alerts

## PFMS Port

Power for more speakers  
Up to 7.5W on PoE+  
Up to 4.5W on PoE

## LED Display

Industrial grade LEDs  
Displays clock, rolling text, and weather  
ADA-compliant  
High resolution



# In Ceiling Loudspeaker Solution

AtlasIED I128SYSM+ IP loudspeaker lays into a standard drop-tile ceiling and provides high-output sound and talkback mic.

## Lay In Drop-Tile Design

1' x 2' design  
Easily lays into 2' x 2' ceiling grids  
Dent resistant  
Powder coated

## Integrated Mic for Talkback Communications

Full-definition audio  
Ambient noise reduction  
Feedback resistant

## Integrated Digital Amplifier

Ultra-efficient power design  
Class D technology  
Loudspeaker processing

## PFMS Port

Power for more speakers  
Up to 7.5W on PoE+  
Up to 4.5W on PoE

## Highly Intelligible Driver

Full definition audio capable  
8" size  
Excellent speech intelligibility

## General Purpose Input / Output Control Ports

2 inputs and 1 output  
Trigger critical alerts

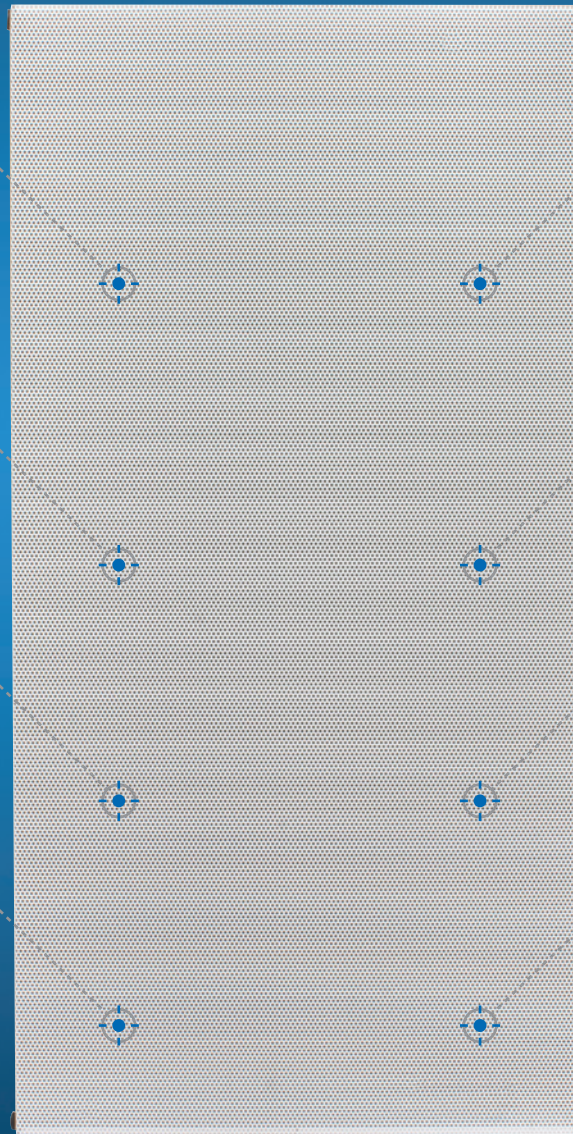
## Local Connectivity

Line level input  
Line level output

## Includes Assembled Enclosure

## One Cable Installation

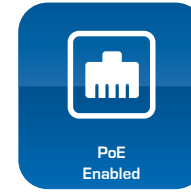
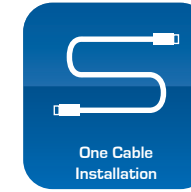
PoE or PoE+ enabled  
No separate power cable required



# IP Enabled Loudspeakers - Features and Benefits

## Easy Installation

- Requires Only One Network Cable
- Power Over Ethernet
- Can Be Powered by Power Supply When PoE is Not Available
- Simple Mounting



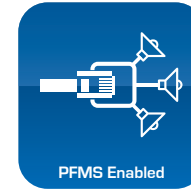
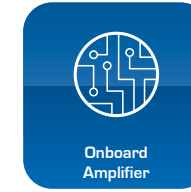
## Plug and Play

- Auto Registers with 3rd Party Applications
- Auto Provisions to Simplify Configuration and Installation



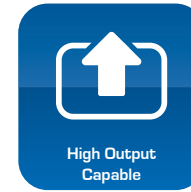
## Onboard Amplifier and Processor

- Class D Amp Technology
- Ultra-Energy Efficient
- Designed for Long-Term Reliability
- Amplifier has a PFMS Port to Power More Speakers



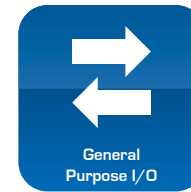
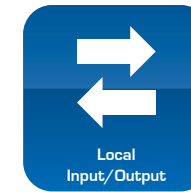
## Accurate and High-Output Performance

- Engineered for Excellent Speech Intelligibility
- Optimized for Crystal Clear Talkback
- High-Output Sound Levels for Large Areas



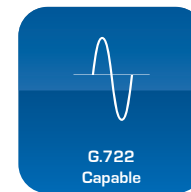
## Local Input / Output and Control Ports

- Input a Local Audio Source such as Music or Paging
- Output Audio to External Devices
- Trigger Pre-Recorded Announcements
- Trigger Critical Alerts from a Local Push Button



## Interoperable with Multiple Media Stream Protocols

- Supports VoIP G.711 Codec
- Supports VoIP G.722 Codec





## Full Line of Products

### Indoor Wall IP Loudspeaker with LED Display and Flasher

- Versions with / without Talkback Microphone
- Versions with Loudspeaker Transducer
- Surface or Flush Mount Sold Separately



I8SCF+



I8SCMF+

### Indoor Wall IP Loudspeaker with LED Display

- Versions with Loudspeaker Transducer or Horn Assembly
- Versions with / without Talkback Microphone
- Surface or Flush Mount Sold Separately



I8SCH+



I8SC+



I8SCM+

### Indoor Ceiling Mount IP Loudspeaker

- Versions with / without Talkback Microphone



I128SYS+



I128SYSM+

### Indoor Wall / Ceiling Mount IP Loudspeaker

- Versions with / without Talkback Microphone
- Surface or Flush Mount Sold Separately
- Ceiling Mount Capability via I8S-TB or I8S-TBE Tile Bridge Package



I8S+



I8SM+

### Weather & Vandal Resistant Indoor / Outdoor IP Loudspeaker

- IP34 Rated
- High-Output Horn Assembly
- Surface or Flush Mount Sold Separately



IHVP+

### Outdoor Use Intercom Station

- SIP Compatible Only (Does Not Support InformaCast®)
- Pedestal Mount Capable



IPS-VOI

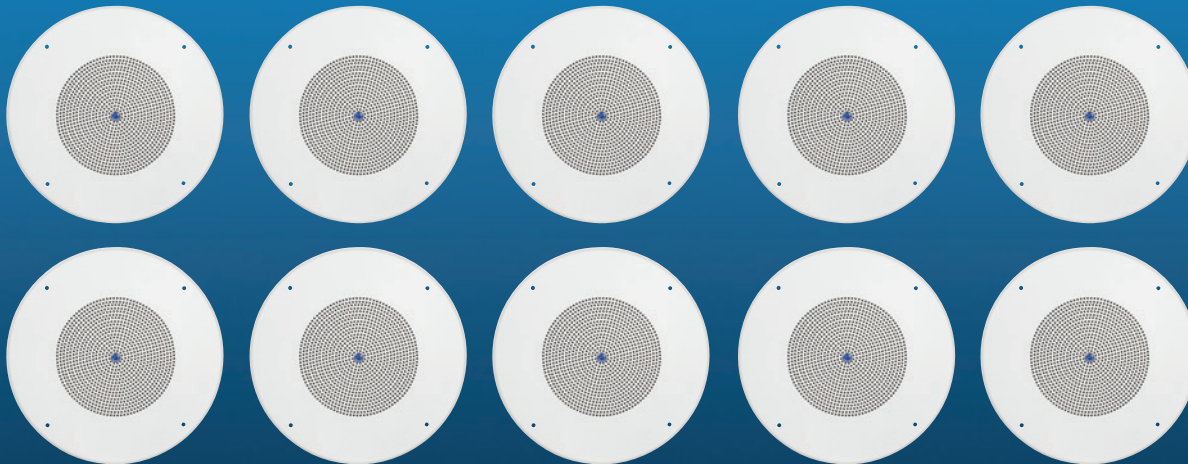
# Large Office / Cubicle Space Solution

## System Example



Amp Output

Up to 30 qty 70V loudspeakers tapped at .5W



### IP-to-Analog Gateway ZCM-V2+

- Receives VoIP G.711 or G.722 audio converts to analog outputs
- PoE or PoE+ enabled
- PoE+ provides 7.5W on Primary Speaker Output and 7.5W on Secondary Speaker Output
- PoE provides 4.5W on Primary Speaker Output and 4.5W on Secondary Speaker Output

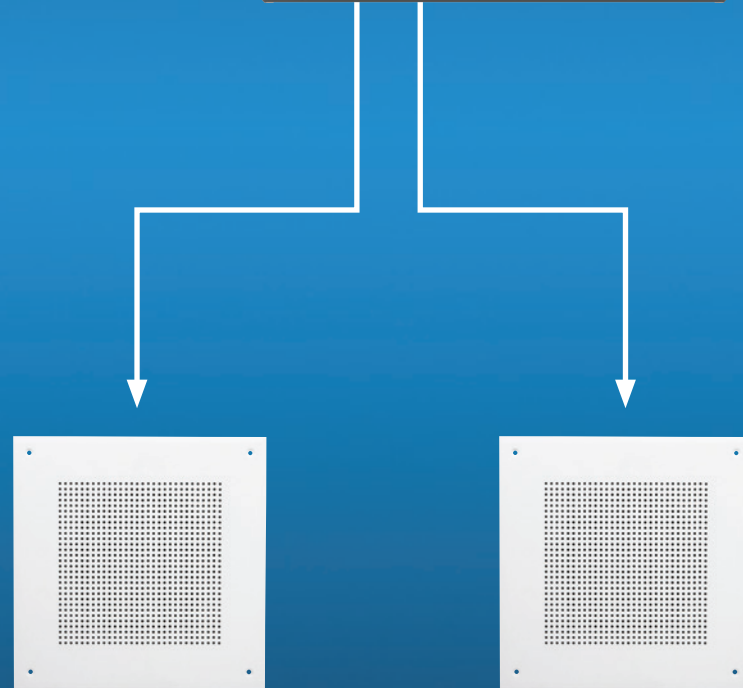
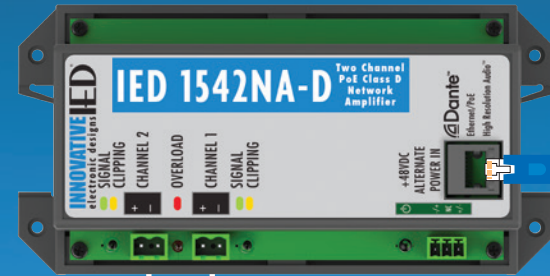
### Ceiling-Mount Loudspeakers SD72W

- The top-selling, economical loudspeaker with over 1M units sold
- 70V/100V capable
- Tap settings .25W, .5W, 1W, 2W & 5W

## System Example

### Compact PoE Amplifier 1542NA-D

- Digital network audio (AoE) via Dante™ or CobraNet® versions
- Two output channels
- 4 Watts per CH @ 8Ω



### Ceiling-Mount Loudspeakers A8S

- 8" driver size
- Can also be surface or flush mounted using SEA-I8S, SEST-I8S, and FEST-I8S enclosures
- Ceiling mount capability via I8S-TB or I8S-TBE tile bridge package

# Touch Screen Enabled Digital Communication Station

AtlasIED IPCSDTOUCH-G is a 7" Touch Screen Enabled Digital Communication Station.

## Highly Intelligent Gooseneck Mic

- Condenser mic capsule
- Full frequency (20Hz-20kHz)
- Excellent speech intelligibility
- Removable
- Optional handheld version

## Color 7" Touch Screen

- Capacitive touch
- Fully programmable
- Password protected

## One Cable Installation

- PoE+ enabled
- No separate power cable required
- Dante™ Digital Message Channels

## Line Level Input and Output

- One auxiliary input for audio source connectivity such as music or alarm signal

- One auxiliary output for audio source connectivity such as monitor loudspeaker

## Multipurpose Construction

Desktop version (shown) or flat surface version

## Dual Ethernet Ports

Redundant network failover design



# Wall Mount Digital Communication Station

AtlasIED IPCSD4 is a 4-Button Enabled Digital Communication Station.

## 4 Push Buttons

Fully programmable

## Multiple Mount Design

Can mount to 1- and 2- gang electrical boxes  
Can mount to any wall surface

## Push to Talk Handheld Microphone

Removable connector  
Rugged impact-resistant design  
Magnetic holder

## One Cable Installation

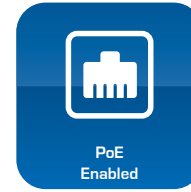
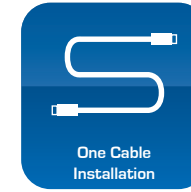
PoE+ enabled  
No separate power cable required  
Dante™ Digital Message Channels



## Communication Stations - Features and Benefits

### Easy Installation

- Requires Only One Network Cable
- Power Over Ethernet
- Simple Mounting



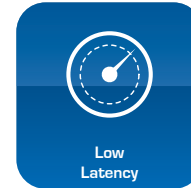
### Audio over Ethernet Support

- Versions Supporting Audinate® Dante™ Transport
- Versions Supporting CobraNet® Audio Transport



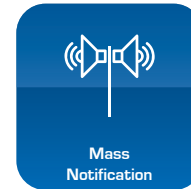
### Digital Quality

- Immediate Digitization of Full Bandwidth Audio
- Digital Audio Transmission over Network Cable
- 48kHz, 24-Bit
- Ultra-Low Latency



### Fault Supervision

- Meets Emergency Messaging Standards
- Self Fault Monitoring Including Mic Element Supervision



### Fully Programmable

- GCK Software Provides Easy Custom Configuration
- Exact Paging Needs can be Dynamically Programmed
- Touch Screen Version has Multi-Page Flexibility
- Push Button can be Multi-Configured



## Full Line of Products

### Dante™ Enabled Touch Screen Digital Command Stations

- Choose Desktop or Flat-Mount Version
- Choose Gooseneck Mic or Handheld Mic
- Suitable for Emergency Notifications



IPCSDTOUCH-G



IPCSDTOUCH-H

### Dante™ Enabled Digital Microphone Stations

- Version with 4 User Assignable Buttons
- Version without Buttons



IPCSD4



IPCSD1

### CobraNet® Enabled LCD Display Digital Station

- 3.6" Backlit Color LCD
- User Assignable Buttons
- Handheld Mic Element
- Output for Remote Expansion Mic Station



IED550CS-G



IED550CS-H



IEDA528H

### CobraNet® Enabled Digital Microphone Station

- Version with 4 User Assignable Buttons
- Version without Buttons



IEDA524H

### Analog Sidekick Expansion Microphone Stations

- Interfaces to a 528 Mic Station as a Sidekick
- Version with 4 User Assignable Buttons
- Version without Buttons



IEDA528SK



IEDA520FME

# Multi-Channel Digital Power Amplifiers

AtlasIED DNA2404DL is a 4-Channel Digital Power Amplifier with AlwaysHEAR™ Technology and Dante™ Digital Transport.

Energy-Efficient Class D Design

Onboard DSP

Four Channel

Signal routing  
7-band parametric EQ  
High and low pass filters



Dual Ethernet Ports

Fault Supervision

Noise Sensor Inputs

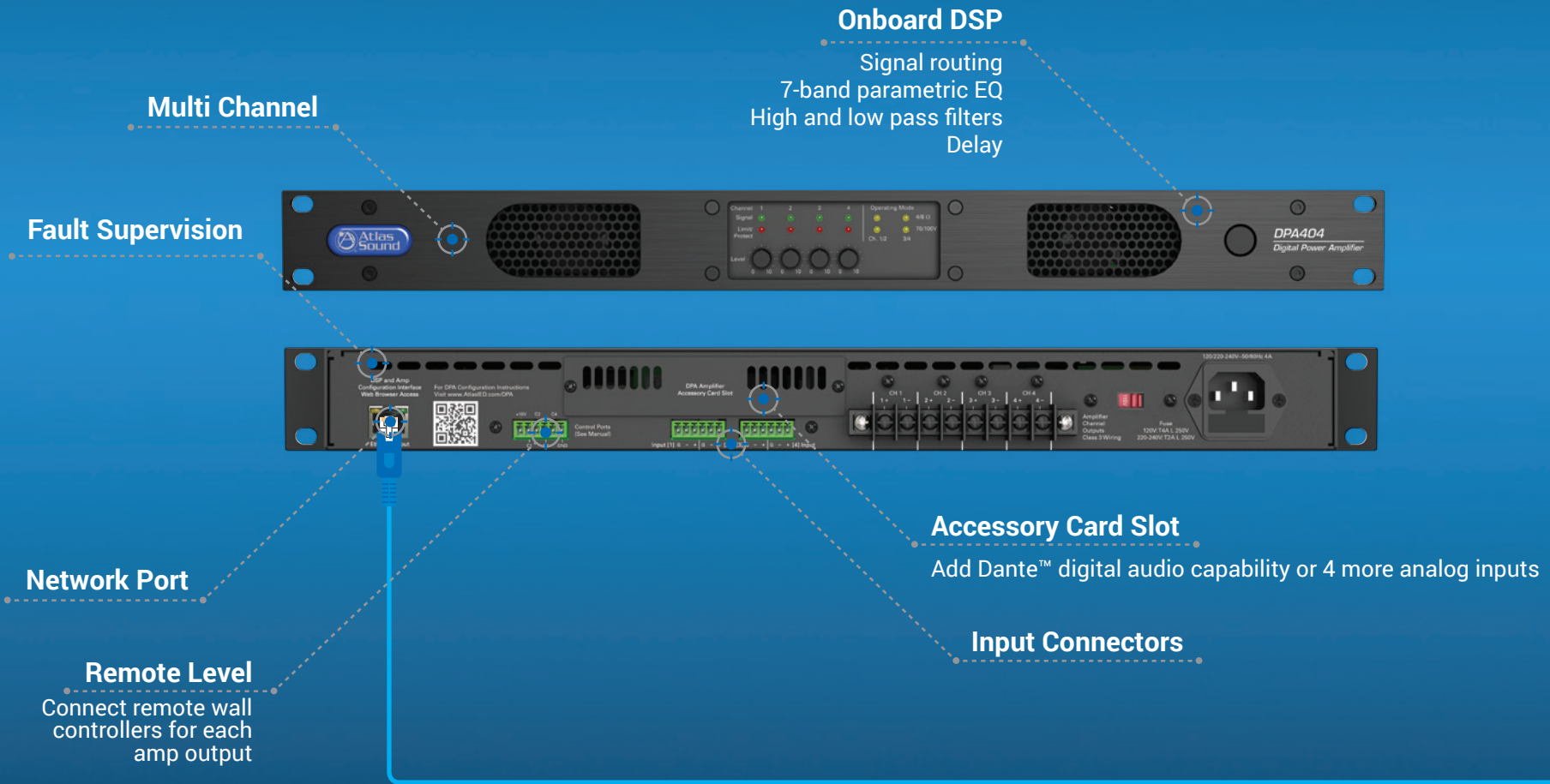
Loudspeaker Line Monitoring

Built-in automatic loudspeaker line testing detects ground faults, breaks and changes in loudspeaker loads



# Multi-Channel Digital Power Amplifiers

AtlasIED DPA404 is a 4-Channel Digital Power Amplifier with Optional Dante™ Digital Transport.



Please Note: No GCK System Control or Ambient Noise Analysis

# Digital Power Amplifiers - Features and Benefits

## Network Ready

- Dual Ethernet Ports for Redundant Failover Protection



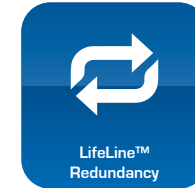
## DNA Series Audio Over Ethernet Support

- Versions Supporting Audinate® Dante™ Transport
- Versions Supporting CobraNet® Audio Transport



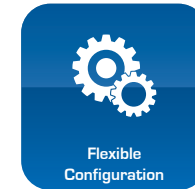
## DNA Series Fault Supervision and Monitoring

- LifeLine™ Amplifier Monitoring & Redundancy
- Automatically Switches to Backup Amp When Used with IED 1544BAS Amplifier Switcher
- Automatically Notifies When Failure Happens



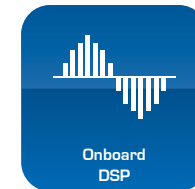
## DPA Series Flexible Configuration Modes

- 4 CH in 8Ω /4Ω Operation
- 2 CH in 70V / 100V Operation
- 1 CH in 70V / 100V Operation and 2 CH 8Ω /4Ω Operation



## DPA Series Onboard DSP with Web-Based GUI

- Mix and Route Input Channels
- Each Channel Has an Assortment of DSP Tools Including Level Controls, EQs, Limiters, High & Low Pass Filters, and Delay
- Access to the GUI (Graphical User Interface) is Accomplished via Any Computer, Tablet, or Mobile Device Using a Web Browser



## DPA Series Expansion Slot

- Add 4 Digital Channels via Dante™ Network Audio Using the DPA-DCA4 Card
- Add 4 More Analog Inputs Using the DPA-AMIX Card



## Full Line of Products

### Dante™ Enabled DNA Series Amplifiers

- Supports Digital Audio Transport via Audinate® Dante™
- Four 600-Watt Channels
- Choose Either 4Ω & 70V or 4Ω & 100V Outputs
- UL1711 Listed for Mass Notification Systems
- Fault Reports and Amplifier Status Available Over Ethernet



DNA2404DL

DNA2404DH

### CobraNet® Enabled DNA Series Amplifiers

- Supports Digital Audio Transport via CobraNet®
- Four 600-Watt Channels
- Choose Either 4Ω & 70V or 4Ω & 100V Outputs
- UL1711 Listed for Mass Notification Systems
- Fault Reports and Amplifier Status Available Over Ethernet



DNA2404CL

DNA2404CH

### Dante™ Capable DPA Series Amplifiers

- Five Models to Choose
  - 4CH X 150W @ 8Ω / 4CH X 200W @ 70V
  - 4CH X 75W @ 8Ω / 4CH X 100W @ 70V
  - 4CH X 500W @ 4Ω / 2CH x 1200W @ 70V
  - 4CH X 300W @ 4Ω / 2CH x 600W @ 70V
  - 4CH X 150W @ 4Ω / 2CH x 300W @ 70V
- Remote Activation via a Scheduler Timer
- Four (4) Balanced Inputs, Expandable to Eight (8)



DPA804

DPA404



DPA2402

DPA1202

DPA602

### DPA Series Dante™ 4-Channel Receiver Card

- Mounts into the DPA Expansion Slot
- Expands DPA Series from 4 Input Channels to 8 Input Channels
- Provides Full Digital Audio Transmission



DPA-DAC4

### DPA Series 4-Channel Expansion Card

- Mounts into the DPA Expansion Slot
- Expands DPA Series from 4 Input Channels to 8 Input Channels
- Provides 4 More Mic / Line Level Inputs



DPA-AMIX

# Premium In-Ceiling Loudspeaker

AtlasIED FAP63T is a Two-Way 6" In-Ceiling Loudspeaker with Patented SFMS™ Mounting System.

## UL Listed

Certified for use in commercial and residential air-handling (true plenum) ceiling spaces

## UUMW Fire Signaling Rated

Can be used within a Fire Signaling and Emergency Communication System within the United States

## No-Tool Installation Locking Handle

Does not require a drill or screwdriver to install  
Just pull down on the handle and mount automatically locks to surface material

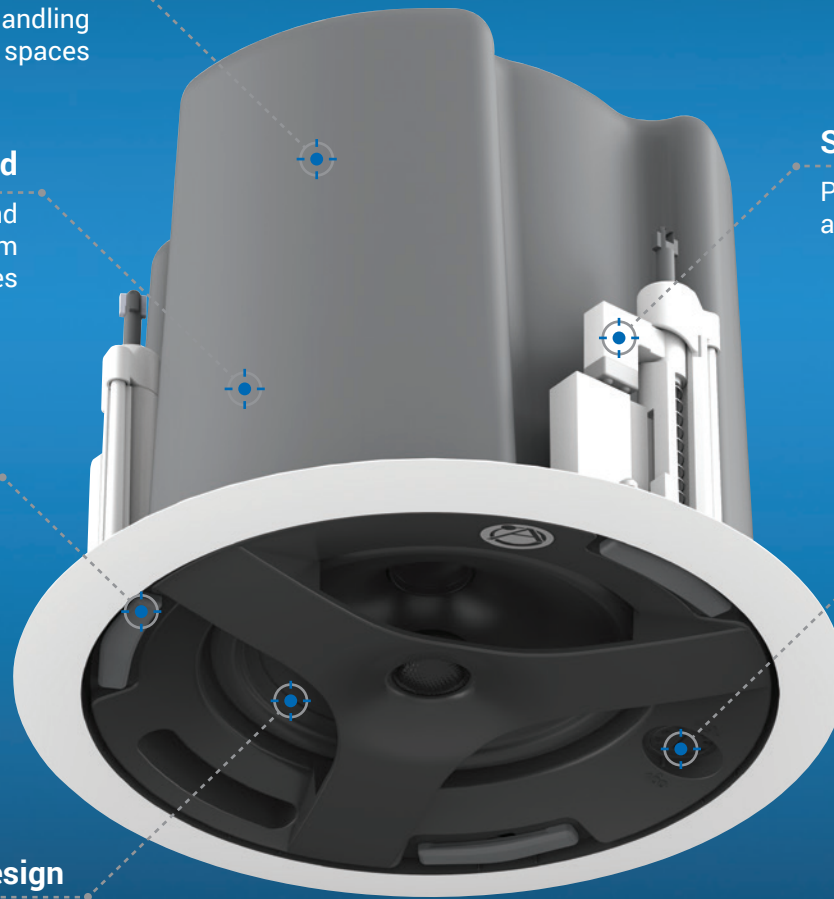
## Two-Way Coaxial Transducer Design

## SFMS™ – Safety First Mounting System

Prevents mounting tab damage during installation and risk of breakage

## Wattage Tap Switch

70V taps - 4W, 8W, 16W, 32W  
8-ohm bypass



# All-Weather, High-Output Horn Loudspeaker

AtlasIED FS12T-66 provides exceptional coverage and sound quality in a lightweight, all-weather enclosure for outdoor and indoor applications.



## Sound Reinforcement Loudspeakers - Full Line of Products

### Premium Ceiling Loudspeakers

#### Strategy III Series In Ceiling Loudspeakers

Designed for ceiling applications requiring optimal sound performance & coverage with high-definition music playback, live microphone, emergency signaling, and/or paging use.

- Two-Way Design
- Safety First Mounting System (SFMS™)
- Includes C-Ring, Tile Rails, Quick Release Tool, and Grille Puller
- Incorporates 70V/100V and 8Ω operation
- Optional Edgeless Grilles (Round or Square, Black or White Finish)



FAP63T



FAP43T



FAP33T



### Economy Ceiling Loudspeaker

#### SD72W-KIT

Designed for ceiling applications requiring area coverage with background music and paging use.

- Full-Range, 8" Driver
- 70V, 25V Operation
- UL Listed
- Includes CS95-8 Enclosure, and 81-8R Tile Bridge
- White Powder Coat Finish



SD72W

### Compact Surface Mount Loudspeakers

#### SM Series

Designed for surface-mount or open ceiling applications requiring high-definition music playback, live microphone, and/or paging use.

- Two-Way Design
- Weather-Resistant
- Incorporates 70V/100V and 8Ω Operation
- Yoke Mount Included



SM42T-B



SM42T-WH



SM52T-B



SM52T-WH



SM82T-B



SM82T-WH

## High Output Surface Mount Horns

### Full Line of Products

#### FS Horns

Designed for high-open ceilings, noisy spaces, and/or outdoor applications requiring high-definition music playback, live microphone, emergency signaling, and/or paging use.

- High-Output SPL Capability
- Weather-Resistant
- UL Listed
- Incorporates 70V/100V and 8Ω Operation



FS12T-66  
65°H x 65°V



FS12T-94  
90°H x 40°V



FS12T-99  
90°H x 90°V



FS12T-BT60  
90° Conical



FS12T-SUB  
Omni-Directional

## Paging Horns

#### AP Series Paging Horns

Designed for open ceilings, noisy spaces, and/or outdoor applications requiring paging, background music and/or emergency signaling.

- Legendary Performance with over 1 Million Sold
- High-Output SPL Capability
- Weather-Resistant
- UL Listed
- Versions with 70/100V or 8Ω Operation



AP-15



AP-15T



AP-15TC



AP-30



AP-30T



AP-30TC

# GDS-4W™ Digital Signage Solution

An enterprise-grade digital signage platform incorporating prioritized visual paging notifications

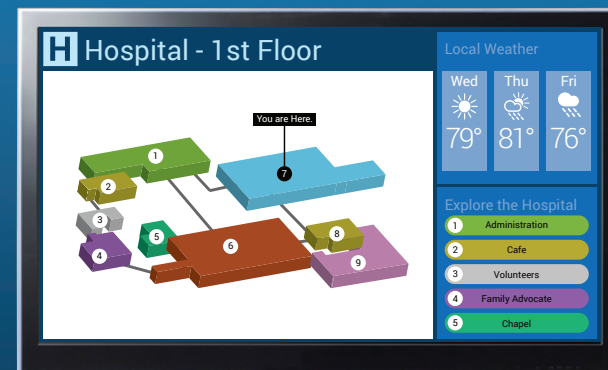


GDS-4W™ adds enterprise-grade digital signage to a GLOBALCOM.IP system. It leverages HTML5 technology allowing easy administration using any web browser to design and broadcast generated content. With GDS-4W™, facilities can visually engage students, customers, employees, and visitors across displays and mobile devices throughout a building. Digital signage reinforces brand messaging, delivers timely information, and keeps people engaged.

GDS-4W™ offers wide-area coverage to multiple locations and enables easy delivery of uniform messages.

- Advertise products and services
- Share calendar
- Show news information
- Display emergency alerts
- Provide interactive wayfinding

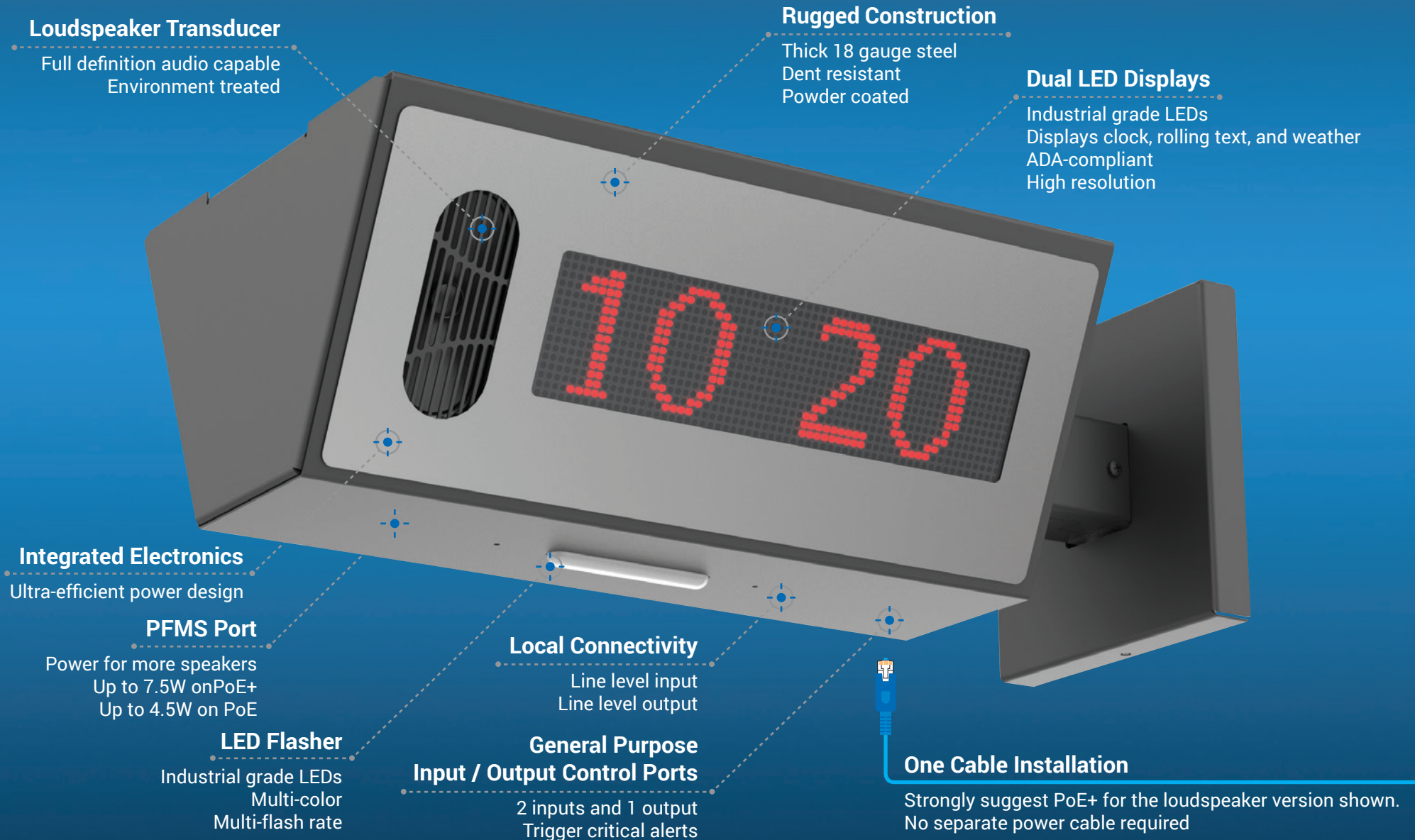
GDS-4W™ incorporates an exclusive innovation called NotifyNOW™. It provides automated priority visual paging and wayfinding that overrides displayed content and immediately broadcasts the NotifyNOW content. Once the NotifyNOW content is completed, system seamlessly reverts back to normal broadcast content. Best used for emergency evacuation or important mass notification alerts.”





# Dual-Sided Visual Display Solution

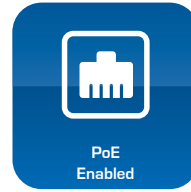
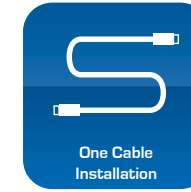
AtlasIED IPDSC-DSE+ extends notifications with effective visual text alerts for high ambient noise areas or large spaces.



# IP Visual Displays - Features and Benefits

## Easy Installation

- Requires Only One Network Cable
- Power Over Ethernet
- Can Be Powered by Power Supply When PoE is Not Available
- Simple Mounting



## Plug and Play

- Auto Registers with 3rd Party Applications
- Auto Provisions to Simplify Configuration and Installation



## ADA Compliant

- Meets Requirements for Visual Critical Alerts
- Visually Reinforce the Audio Communication System



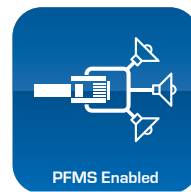
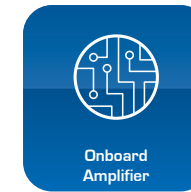
## Displays

- Time
- Weather
- Visual Messages
- Emergency Messages



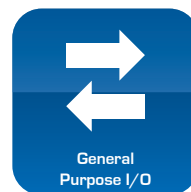
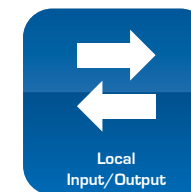
## Onboard Amplifier

- Amplifier has a PFMS Port to Power More Speakers
- Class D Amp Technology
- Ultra-Energy Efficient



## Local Input / Output and Control Ports

- Input a Local Audio Source such as Music
- Output Audio to External Devices
- Trigger Pre-Recorded Announcements
- Trigger Critical Alerts from a Local Push Button



## Full Line of Products

### Dual Sided LED Display with Loudspeakers and Flasher

- Dual 16 x 64 LED Dot Matrix Displays
- Integrated up to 15W Amplifier Output\*
- Dual 2"x 4" Loudspeaker Transducers
- Multi-Color Flasher



IPDSC-DSE+

### Dual Sided LED Display with Flasher

- Dual 16 x 64 LED Dot Matrix Displays
- Integrated up to 15W Amplifier Output\*
- Can Power External Loudspeakers
- Multi-Color Flasher



IPDC-DSE+

### Single Sided LED Display

- Dual 16 x 64 LED Dot Matrix Displays
- Integrated up to 15W Amplifier Output\*
- Can Power External Loudspeakers
- Integrated Microphone



IPDCM+

### Surface Mount Strobe Assembly

- SIP Activation
- 5 User Blink Scenes Available
- Event Controlled Relay
- Mailbox Message Waiting Indication



IPS-SIS

\* Note: 15W amp power available when PoE+ powered or using an external power supply. 8W when using standard PoE powered.

# The World's Top-Selling 'Above Suspended Ceiling' Solution

AtlasIED M1000-USA is a sound masking loudspeaker assembly designed to accurately reproduce the necessary noise spectrum into the plenum spaces.

## Labor Saving Hanger Mounting System

Quick locking system  
Suitable for use above suspended ceiling or open ceiling spaces

## 8" Driver

Optimal noise generation for maximum area coverage

## UL Certified for Plenum Spaces

Approved for Use in Air Handling  
UL1480  
UL2043

## Flexible Mounting Holes

Ability to hang baffle facing up or down

## Knockout Panel with Strain Relief Connector

Accommodate Flexible or Rigid Conduit

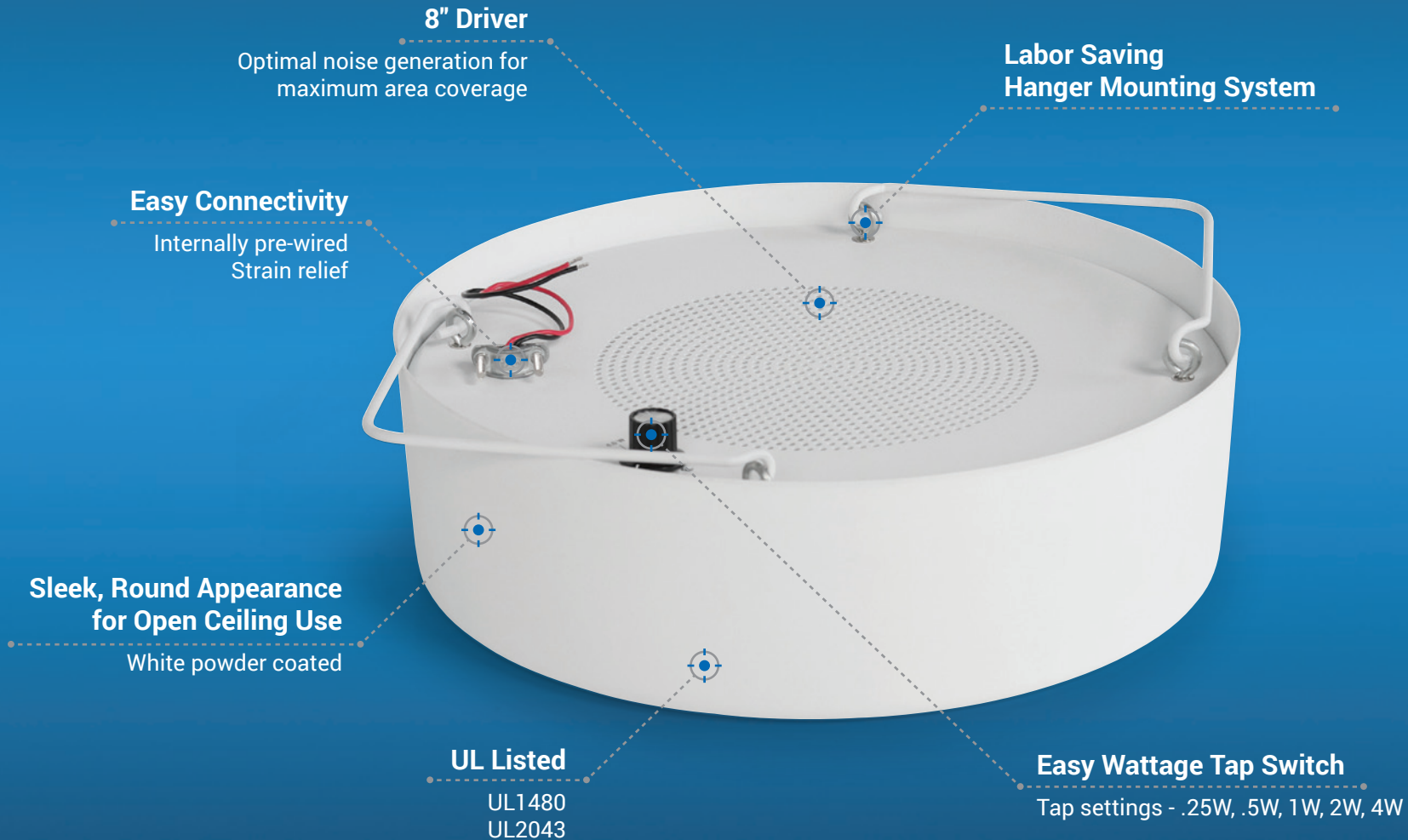
## Easy Wattage Tap Switch

Tap settings - .25W, .5W, 1W, 2W, 4W



# Contemporary Open Office Solution

AtlasIED M1000R-W is a sleek, round loudspeaker designed for open areas where loudspeaker may be visible.



# BlueBridge® Network Digital Signal Processing

AtlasIED BlueBridge® BB-168AECDT is a powerful, network DSP with Acoustic Echo Cancellation and Dante™ Digital Audio.



**Network Ready**  
Control and monitoring

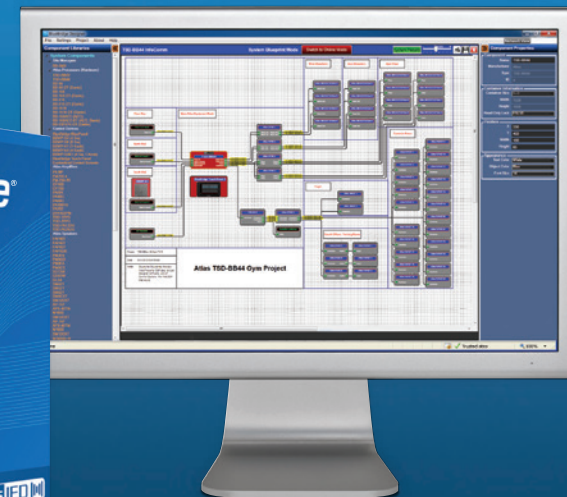
**Acoustic Echo Cancellation**  
Designed for Conferencing Systems

**Audio over Ethernet via Dante™**  
Receive up to 16 digital audio channels  
Transmit up to 16 digital audio channels

**Logic Control**  
4 logic inputs  
2 logic relays

**Wiring Connectivity**  
16 mic/line level inputs  
8 local line level outputs

**Simple to Design - Drag and Drop Software**  
If you've ever programmed any DSP device, our designer software will take you no time at all to become a master. It was designed with intuitive navigation and quick drop & drag programming.



# BlueBridge® Wall Controllers

Rack and wall mount accessories that extend the features of the BlueBridge® platform allowing for even greater installation flexibility and integration.

## Touch Screen Control Panel

Easily add touch control with the BlueBridge® 7" touch screen panel at an affordable price point. Networkable, multi-page flexible, advanced control and password protection - at the touch of a finger.



## Network Wall Controllers

Our Wall Controllers are DHCP enabled network devices and can be POE powered. They are connected using Ethernet cable and reside on the network with connected BlueBridge® processors. Easily program them using a one step, drag and drop configuration from within the BlueBridge® software. We recommend powering our wall controllers via a POE switch or router but an external power supply is included with each.



BBWP-S4B



BBWP-K1B



BBWP-S8B



BBWP-K4B



BBWP-S4K1B

# LifeLine™ System Redundancy

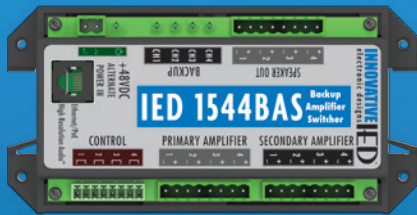
## Add a Backup IP100 Series ACS Controller



GLOBALCOM® IP100 Series ACS Controllers are designed to offer redundancy. If the main IP100 ACS has a failure, the backup units stay synced to the primary unit continuously.

When failure happens, the system seamlessly switches to the backup unit automatically.

## Add Amplifier Monitoring & Backup Switcher



The 1544BAS is a backup amplifier switching module capable of switching up to four (4) loudspeaker loads from a primary power amplifier to a backup when a failure is detected.

GLOBALCOM®.IP system supervision can switch multiple primary amplifiers to a single backup amplifier unit.

## Add Loudspeaker Line Monitoring



When using DNA Series power amplifiers, the IED5411EOL / IED5410EOL End-of-Line Module augments automatic testing of constant voltage loudspeaker lines.

It allows testing continuity of loudspeaker wiring all the way to the end of the line without the need and expense of a return wire from the line end.



# DIRECTOR® System Management Software

DIRECTOR® is a system management application that provides a comprehensive application-specific interface to a GLOBALCOM®.IP system. DIRECTOR® makes system operation very easy through an intuitive and fully customized graphical user interface.



- Provides Overall System Status View
- Fully Customized GUI Allows Easy System Operation
- Select BGM Sources and Adjust Levels Locally or Globally
- Launch Announcements or Events
- Monitor System Status Across LAN or WAN
- Fully Compatible with New and Existing IED ACS
- Flexible User Access Control
- Integrated System Event Scheduling
- System Status Monitoring Across LAN or WAN

DIRECTOR® is the ideal addition to your GLOBALCOM® system for system management in complex facilities such as mass transportation systems, corporate complexes, industrial facilities, education campuses, and retail centers.

**“DIRECTOR® created an entire facility-wide system control GUI that made managing and monitoring our communication system simple and easy.”**

**“We could overlay our building design and create control zones on top of each area. Just clicking the zone controlled my system.”**

**“DIRECTOR® took our communication system to a whole new level of capability.”**

We are a Global Company with Locations Around the World



**AtlasIED is a global electronics manufacturer providing comprehensive audio solutions for commercial businesses.** We save organizations time and money with effective use of audio communication systems, while also helping to maintain a safe work environment. This is accomplished with our industry-leading mass notification, life safety, VoIP and speech privacy systems. Our technologies seamlessly interface and integrate into existing and future analog and IT-based infrastructures.

Our systems are used by the largest enterprise businesses such as Fortune 1000 companies, schools, universities, manufacturing plants, public transportation hubs, sports arenas, hospitals, hotels, and large retail chain stores. We also work in smaller businesses like your local coffee shop, bar, restaurant, and house of worship.

**At AtlasIED, we care about every business size and we want each of them to not only survive -  
*we want them to thrive.***

# The AtlasIED Advantage

These are the four main motivations why customers choose us over other commercial audio manufacturers.



AtlasIED stays at the forefront of commercial building construction trends. Our products are built future proof. Our innovative solutions focus on everyday use cases and cut down installation times, reduce maintenance requirements, increase productivity, and provide long-lasting reliability.

AtlasIED has products that have been installed over 20 years ago, and are still working as if they were brand new.



AtlasIED provides over 2,000 unique product offerings. We are very proud to offer a specific system solution for your exact need like no one else.

You don't have to rely on multiple suppliers to complete your entire project. You can get it from AtlasIED as your one source provider.



We make it easy for you to choose the right solution with our industry leading support teams. We have over 44 dedicated sales managers, vertical market managers, and technology specialists located in each of the major geographic areas. These professionals are trained to help identify your needs and provide the right system solution. We also deliver a deeper layer of support with our 120+ manufacturer representatives and distributors located around the world.



Even though AtlasIED is a multi-million dollar manufacturing organization with nine locations, we are a family-owned business and still manufacture within the United States carrying an ISO9001:2008 Quality Standards Certification. Our company makes quicker decisions and nimble enough to accommodate market trend changes. We retain our people and maintain work stability that results in high-quality standards for our products.

### Need Assistance Choosing the Right System?

AtlasIED support specialists provide design assistance to ensure you make the correct system decision.

Contact Us Today



(800) 876-3333



atlasied.com



support@atlasied.com



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