IP Enabled Solutions
Next Generation Enterprise Communications
An existing Voice over IP (VoIP) system can be enhanced and also provide entire building and emergency notifications; it can even send communication between buildings. Learn how our technologies expand VoIP endpoint functionality offering more communication methods than desk phones alone can provide.
"Our VoIP investment was maximized by eliminating the need for a separate audio infrastructure."

"Now, we have one solution to optimize messaging and emergency evacuation for our entire organization."

AtlasIED provides innovative IP-based solutions for commercial building spaces needing:

- Wide Area Coverage
- High Output Sound Levels
- Visual Notifications
- Hands Free Communication
- Weather & Vandal Resistance

Our system takes full advantage of existing Voice and Data networks while preserving the convenience and user-friendliness of VoIP phones to now cover important areas - that a VoIP handset alone cannot.
Within Cisco Unified Call Manager (CUCM), our devices automatically provisions onto the existing network. Easy installation and communication with Call Manager.

Products available on the Cisco Global Price List or through certified AtlasIED Solutions Partners

AtlasIED is a proud Cisco™ Preferred Solution Partner

Plug and Play

Auto Provisioning

Within Cisco Unified Call Manager (CUCM), our devices automatically provisions onto the existing network. Easy installation and communication with Call Manager.

SRST Support

SRST Support

Our devices support Cisco’s Unified Survivable Remote Site Telephony (SRST). SRST provides remote location call-processing redundancy when access to the centralized Cisco CUCM is interrupted because of a WAN outage.
Our Devices are TTMI ENABLED

Talk To Me Interoperability (TTMI) is an AtlasIED design innovation. Our devices are open-platform engineered to communicate and be controlled by the top-selling providers of unified communications, notification software platforms, and standard SIP / PBX systems.

One solution that talks to all.
The proven technology operating in 80% of the world’s airports and mass transit hubs is now available for public and private commercial facilities. GLOBALCOM IP delivers exceptional usability for both everyday and emergency communications.

The IP100 Series ACS™ Controller operating GCK 3.0 application software is the heart and soul of the system. Together, they interface with a VoIP infrastructure and offer system control and monitoring across an entire facility's paging, audio, video, and digital signage endpoints.
Businesses live in a world of unknowns with critical events and emergency scenarios happening daily. Staff can do their best to be prepared with numerous practice drills. When seconds count, all the preparation cannot verify the human responders can achieve their task when critical events happen.

Our VoIP endpoints support **MNEC+ Technology**.

Mass Notification Emergency Communication Plus (MNEC+), when used with AtlasIED’s patented GCK software, allows our devices to scroll text in sync with the emergency audio notifications ensuring people understand the intended message both visually and audibly.
SAFE (Smart Alerts for Emergencies) is an expansion plugin application that allows users within the GLOBALCOM.IP environment to acknowledge triggered alerts so that administrators, security personnel, and operations staff can verify the alert has been received and the appropriate action has been taken in response to that alert. Operations staff can visually confirm once acknowledgments have been received to properly direct security or emergency personnel to areas that have not been acknowledged.

Key Features:

• Provides mechanism to report alert acknowledgment to administrators
• Visual notifications preempt other open application windows
• Custom configurable and scalable
• Real-time logging tracks alerts and status acknowledgments
• Advanced permissions and user groups
• Create ad-hoc emergency and non-emergency messages for delivery to SAFE Desktop clients
• Displays custom text and image messaging based on alert
• Configuration controlled by admin using SAFE Server remotely
Connect More Loudspeakers
with our

An AtlasIED amplification breakthrough technology. Now, you can power additional passive loudspeakers from our PoE device.

**Power For Multiple Speakers (PFMS)** connection port can provide up to 7.5 Watts when used on a PoE+ network switch or 4.5W on a PoE network switch. **PFMS** is provided in our IP enabled loudspeakers, visual displays, and IP-to-Analog Gateways.

More Power - Now Available
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

**Highly Intelligible Driver**
- Full definition audio capable
- 8” size
- Excellent speech intelligibility

**Integrated Mic for Talkback Communications**
- Full-definition audio
- Ambient noise reduction
- Feedback proof

**General Purpose Input / Output Control Ports**
- 2 inputs and 1 output
- Trigger critical alerts

**Integrated Digital Amplifier**
- Ultra-efficient power design
- Class D technology
- Loudspeaker processing

**Local Connectivity**
- Line level input
- Line level output

**PFMS Port**
- Power for more speakers
- Up to 7.5W on a PoE+ switch
- Up to 4.5W on a PoE switch

**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
  - Surface or Flush Mount Sold Separately

- Indoor Wall IP Loudspeaker with LED Display
  - Versions with / without Talkback Microphone
  - Versions with Loudspeaker Transducer or Horn Assembly
  - Surface or Flush Mount Sold Separately

- Indoor Ceiling Mount IP Loudspeaker
  - Versions with / without Talkback Microphone

- 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

- Weather & Vandal Resistant Indoor / Outdoor IP Loudspeaker
  - IP34 Rated
  - High-Output Horn Assembly
  - Surface or Flush Mount Sold Separately

- Outdoor Use Intercom Station
  - SIP Compatible Only (Does Not Support InformaCast or SynApps)
  - Pedestal Mount Capable
AtlasLED IPDSC-DSE+ extends notifications with effective visual text alerts for high ambient noise areas or large spaces.
Rugged Construction
Thick 18 gauge steel
Dent resistant
Powder coated

Integrated Mic for Talkback Communications
Full-definition audio
Ambient noise reduction
Feedback proof

General Purpose Input / Output Control Ports
2 inputs and 1 output
Trigger critical alerts

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

Onboard Amplifier

PFMS Port
Power for more speakers
Up to 7.5W on a PoE+ switch
Up to 4.5W on a PoE switch

One Cable Installation
PoE or PoE+ enabled
No separate power cable required

Local Connectivity
Line level input
Line level output

AtlasIED IPDCM+ extends notifications with effective visual text alerts for high ambient noise areas or large spaces.
### IP Enabled Visual Displays - Features and Benefits

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- **PoE ENABLED**
- **AUTO PROVISIONING**
- **ONE CABLE INSTALLATION**
- **NETWORK READY**
- **PoE ENABLED**
- **AUTOMATIC REGISTRATION**
- **NETWORK READY**
- **Auto Registers with 3rd Party Applications**
- **Auto Provisions to Simplify Configuration and Installation**
- **ADA COMPLIANT**
- **VISUAL ALERT**
- **SCROLLING TEXT**
- **LED DISPLAY INCLUDED**
- **LOCAL INPUT/OUTPUT**
- **GENERAL PURPOSE I/O**
**Full Line of Products**

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

* Note: 15W amp power available when PoE+ powered or using an external power supply. 8W when using standard PoE powered.
**General Purpose Input / Output Control Ports**
- 2 inputs and 1 output

**Talkback Ready**
- Local microphone input

**Line Level Output**
- Send audio output to local amplifier or other audio device
- Audio signal is same (parallel) as loudspeaker outputs

**Network Ready**
- PoE+ enabled
- Works on 10/100Base-T and up networks

**Relay Out**
- Trigger external devices such as a strobe or presentation system

**Line Level Input**
- Input a Local Audio Source such as Music or Paging

**Line Level Output**
- Send audio output to local amplifier or other audio device
- Audio signal is same (parallel) as loudspeaker outputs

**Loudspeaker Outputs**
- A single channel amplifier with 15W total power*
- Secondary output allows two 8Ω loudspeakers in mono*

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*Note: 15W amp power available when PoE+ powered or using an external power supply. 8W when using standard PoE powered.
*Note: ZCM-V2+ is not 4Ω capable. The secondary output allows a second 8Ω loudspeakers to be connected.
Mixer Amplifier AAPHD Series

Use an external amp when powering loudspeakers above 15W total.

Use the built-in amp output when powering loudspeakers below 15W total.

70V tapped @ 1W each = 12W

Mixer Amplifier AAPHD Series
Use an external amp when powering loudspeakers above 15W total.
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Full Line of Products

Network Specifications

- Dynamic or Static IP Address
- IEEE 802.3 10/100Base-T Ethernet
- IEEE 802.1q Tagging
- IEEE 802.11AT Compliant
- VoIP Standard Audio: G.711 u-law/a-law (64 kbit/s) or G.722 Wideband Audio (64 kbit/s)

Audio Features

- Integrated Amplifier 15-Watt Total Power
- Aux Audio Line-In Unbalanced (2.8Vpp 10K)
- Aux Audio Line-Out Unbalanced (2.8Vpp 10K)

Additional Features

- Phone / Night Loud Ringer
- External Power Supply Option

Single Device Rack
Mount Kit Package
IP-to-Analog Gateway

- Includes One ZCM-V2+ Unit
- Includes 1 RU Rack Kit

Dual Device Rack
Mount Kit Package
IP-to-Analog Gateway

- Includes Two ZCM-V2+ Units
- Includes 1 RU Rack Kit
AtlasIED IPS-ZC4 is a SIP-only gateway that allows VoIP devices to effectively communicate to any analog audio system.
AtlasIED IPS-VPS is the perfect for creating group paging through multicast transmission to SIP endpoints and analog systems. In applications where the SIP servers and VoIP communications managers may not support paging groups or where 3rd party notification applications are not required.
Outdoor IP Enabled Intercom (IPS-VOI)

SIP Strobe (IPS-SIS)

Single Sided LED Display (IPDCM+)

Dual Sided LED Display with Loudspeaker & Flasher (IPDSC-DSE+)

Vandal / Weather Resistant IP Enabled Loudspeaker (IHVP+)

IP Enabled Loudspeaker with LED Display & Flasher (I8SCMF+)

Suspension Ceiling IP Enabled Loudspeaker with Talkback Mic (I128SYSM+)
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.*
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.

These are the four main motivations why customers choose us over other commercial audio manufacturers.
Need Assistance Choosing the Right System?

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

Contact Us Today

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