Existing Voice over IP (VoIP) communications can be enhanced for entire building messaging and emergency notifications, even sending them between buildings. Expanding device / endpoint offering beyond handset-to-handset interaction.
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.

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.

Products available on Cisco Solutions Plus or through certified AtlasIED Solutions Partners
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.
Connect More Loudspeakers with our Connection Port

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 VoIP loudspeakers, VoIP visual displays, and our IP-to-Analog Gateways.

More Power - Now Available
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.

Expand VoIP System Into

Mass Notification and Emergency Messaging.

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

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

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

- **Highly Intelligible 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 a PoE+ switch
  - Up to 4.5W on a PoE switch

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

- **LED Flasher**
  - Industrial grade LEDs
  - Multi-color
  - Multi-flash rate
AtlasIED I128SYSM+ IP loudspeaker lays into a standard drop-tile ceiling and provides high-output sound and talkback mic.
VoIP 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
Hyfidrophobic™ Treatment

AtlasIED’s HYFIDROPHOBIC™ environmental coating protects loudspeakers from water damage in high-humidity and moisture prone environments.

Using the power of nanotechnology, the coated surface completely repels humidity and liquids. Any liquid simply rolls off without touching the underlying surface.

It prevents water from penetrating loudspeaker cones, even paper, allowing any type of loudspeaker to be used outdoors or in high humidity environments.
Amathophobic™ Treatment

All new patented AMATHOPHOBIC™ coating keeps loudspeakers clean and dust free for years.

This innovative nanotechnology, protects grilles, cabinets, and loudspeakers from dirt and dust adhesion, while ensuring ceilings, walls, and outdoor loudspeakers always look as good as new.
**Dual-Sided Visual Display Solution**

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

**Loudspeaker Transducer**
- Full definition audio capable
- Environment treated

**Rugged Construction**
- Thick 18 gauge steel
- Dent resistant
- Powder coated

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

**Integrated Electronics**
- Ultra-efficient power design

**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

**LED Flasher**
- Industrial grade LEDs
- Multi-color
- Multi-flash rate

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

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

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

**Onboard Amplifier**
- General Purpose

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

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

**Local Connectivity**
- Line level input
- Line level output
## IP Visual Displays - Features and Benefits

<table>
<thead>
<tr>
<th>Easy Installation</th>
<th>Plug and Play</th>
<th>ADA Compliant</th>
<th>Displays</th>
<th>Onboard Amplifier</th>
<th>Local Input / Output and Control Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Requires Only One Network Cable</td>
<td>• Auto Registers with 3rd Party Applications</td>
<td>• Meets Requirements for Visual Critical Alerts</td>
<td>• Time</td>
<td>• Amplifier has a PFMS Port to Power More Speakers</td>
<td>• Input a Local Audio Source such as Music</td>
</tr>
<tr>
<td>• Power Over Ethernet</td>
<td>• Auto Provisions to Simplify Configuration and Installation</td>
<td>• Visually Reinforce the Audio Communication System</td>
<td>• Weather</td>
<td>• Class D Amp Technology</td>
<td>• Output Audio to External Devices</td>
</tr>
<tr>
<td>• Can Be Powered by Power Supply When PoE is Not Available</td>
<td></td>
<td>• Meets Requirements for Visual Critical Alerts</td>
<td>• Visual Messages</td>
<td>• Ultra-Energy Efficient</td>
<td>• Trigger Pre-Recorded Announcements</td>
</tr>
<tr>
<td>• Simple Mounting</td>
<td></td>
<td>• Visually Reinforce the Audio Communication System</td>
<td>• Emergency Messages</td>
<td></td>
<td>• Trigger Critical Alerts from a Local Push Button</td>
</tr>
</tbody>
</table>

- **PoE ENABLED**
- **Auto Provisioning**
- **PoE ENABLED**
- **ADA COMPLIANT**
- **Visual ALERT**
- **SCROLLING TEXT**
- **LED DISPLAY INCLUDED**
- **LOCAL INPUT/OUTPUT**
- **GENERAL PURPOSE I/O**
- **LED DISPLAY INCLUDED**
- **ON BOARD AMPLIFIER**
- **PFMS ENABLED**
- **NETWORK READY**
- **ONE CABLE INSTALLATION**
- **AUTOMATIC REGISTRATION**
- **AUTOMATIC PROVISIONING**
- **NETWORK READY**
- **ONE CABLE INSTALLATION**
- **PoE ENABLED**
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

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

Single Sided LED Display

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

Surface Mount Strobe Assembly

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

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

Full Line of Products

- IPDSC-DSE+
- IPDC-DSE+
- IPDCM+
- IPS-SIS
AtlasIED ZCM-V2+ is perfect for connecting your unified communication platform to analog audio systems.

**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

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

**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

*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.

Emergency Switch to Trigger Alerts

Switch to Trigger Pre-Recorded Announcements

Line In

Mixer Amplifier AAPHD Series
Use an external amp when powering loudspeakers above 15W total.
### IP-to-Analog Gateways - Features and Benefits

<table>
<thead>
<tr>
<th>Easy Installation</th>
<th>Plug and Play</th>
<th>Onboard Amplifier</th>
<th>Accurate and High-Output Performance</th>
<th>Local Input / Output and Control Ports</th>
<th>Interoperable with Multiple Media Stream Protocols</th>
</tr>
</thead>
</table>
| • Requires Only One Network Cable  
• Power Over Ethernet  
• Can Be Powered by Power Supply When PoE is Not Available  
• Simple Mounting | • Auto Registers with 3rd Party Applications  
• Auto Provisions to Simplify Configuration and Installation | • Class D Amp Technology  
• Ultra-Energy Efficient  
• Designed for Long-Term Reliability  
• Powers 70V and 8Ω Loudspeakers for a Remote Loudspeaker | • Engineered for Excellent Speech Intelligibility  
• Optimized for Crystal Clear Talkback | • Input a Local Mic and Level Source  
• Output Audio to External Devices  
• Trigger Pre-Recorded Announcements  
• Trigger Critical Alerts from a Local Push Button or From an AtlasIED Learning System | • Supports VoIP G.711 Codec  
• Supports VoIP G.722 Codec |

- **G.711 Capable**
- **G.722 Capable**
- **SPEECH INTELLIGIBILITY**
- **HIGH OUTPUT CAPABLE**
- **LOCAL INPUT/OUTPUT**
- **GENERAL PURPOSE I/O**
- **NETWORK READY**
- **PoE ENABLED**
- **AUTO REGISTRATION**
- **AUTO PROVISIONING**
- **ON BOARD AMPLIFIER**
- **PFMS ENABLED**
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

Technical Specifications

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

Gateways and Analog Devices
AtlasIED IPS-ZC4 is a SIP-only gateway that allows VoIP devices to effectively communicate to any analog audio system.

**Compatibility**
- SIP RFC 3261 and IP/PBX servers
- IP-to-Analog Gateway

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

**4 Zone Line Outs**
- Four paging zones
- Fifteen paging zone groups

**Delayed Paging**
- User adjustable

**SIP-to-Analog Gateway**
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.
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.
VoIP Solutions
Next Generation Enterprise Communications