

Algo IP Endpoints

Voice Paging & Emergency Alerting Certified for Microsoft Teams

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ALGO

Algo Introduction

- Algo is a leading manufacturer of IP endpoints for IP paging, emergency notification, visual alerting and secure door entry.
- Long history in telephony and hardware development. All products are North American designed and manufactured.
- Endpoints are SIP compliant devices, now certified for compatibility with the Microsoft Teams SIP Gateway.



IP Paging | Alerting | Intercom

Dynamic IP Endpoints: For Paging, Alerting & Secure Door Entry

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IP Speakers

Algo's IP speakers deliver intelligible audio. They have versatile configuration to make IP paging powerful and simple.



IP Intercoms

Algo's IP intercoms are robust and purpose-built for secure door entry. They ensure door security and ease of implementation.



IP Paging Adapters

Algo's IP paging adapters bridge IP environments to legacy paging systems.



IP Visual Alerters

Algo's IP strobe lights deliver notable visual alerting, ideal for safety, security and emergency notification, and telephone-ring detection.

Algo sells products in four categories – for a wide variety of commercial communication applications

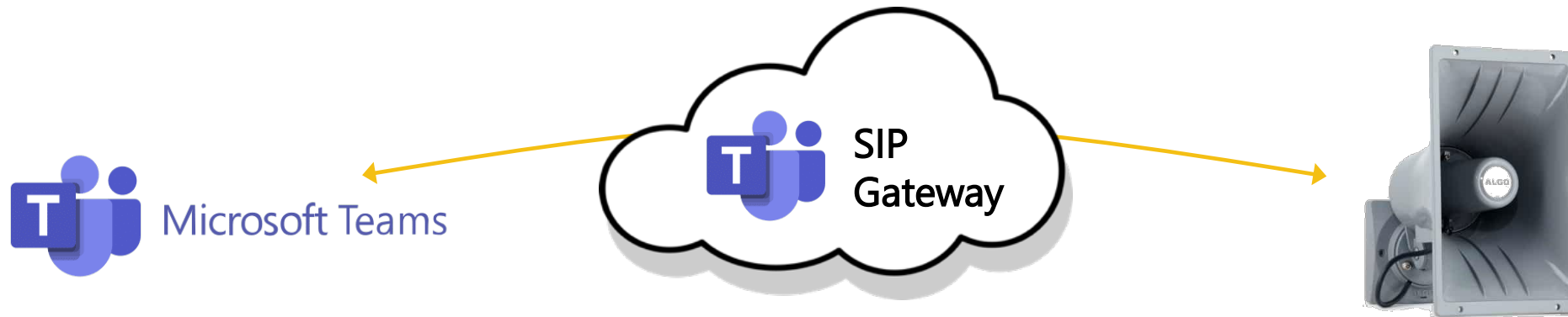


Algo IP Endpoints

- Durable Industrial-Grade Solutions
- PoE/PoE+ Powered
- Remote Configuration via Web Interface
- Wideband Audio for improved speech intelligibility
- Multicast Scalability
- Secure SIP (TLS / SRTP)
- No additional software required
- Built-in Smart features such as:
 - Embedded Microphone
 - Advanced scheduling functionality
 - Satellite Speaker Technology

MS Teams Compatibility

Native Interoperability via Microsoft Teams SIP Gateway



- Over 15 SKUs to be natively compatible, including IP Speaker, IP Paging Adapters, IP Visual Alerters and IP Intercoms
- Configuration to MS Teams mode to be completed in the Algo device web-interface
- All Algo products sold since 2018 are upgradable to MS Teams compatible firmware



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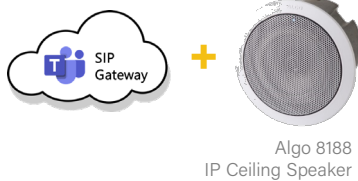
Enabling Legacy Voice Paging Systems



Utilizing Algo IP Paging Adapters to bridge MS Teams and legacy paging systems without an SBC

2

IP-Based Voice Paging Systems



Deploying IP Speakers directly into MS Teams environments for IP Paging. Deployed like an IP Phone.

3

Loud Ringing & Emergency Alerting



Deploying IP audio and visual alerting devices to deliver loud ringing and emergency notification event messages

Brief Portfolio Overview



Algo IP Speakers deliver highly intelligible audio with vertical configuration, making IP paging powerful and simple. The Algo portfolio includes: wall-mount, ceiling mount, horn, clock, and surface mount speakers

- **Simple Deployment:**
 - PoE/PoE+ Powered, SIP Devices
 - Remote Configuration via Web Interface
 - SIP-compliant
- **High-End Audio Performance**
 - Wideband audio with G.722 codec for improved speech intelligibility
 - Embedded Microphone for dynamic volume response and talkback
 - Intuitive web interface for device control
 - Internal 1GB of memory to upload custom WAV files
- **Cost Saving Features**
 - Multicast Scalability
 - Satellite Speaker Technology (only 8196/8196)
 - No additional software or licenses required

Algo IP Speakers carry common set of core features; each speaker is designed for specific applications



Integrating legacy analog technology to MS Teams is made possible and simple using Algo's wideband IP paging adapters. They seamlessly bridge MS Teams environments to legacy paging systems while eliminating the complexity of wiring.

- **Simple Deployment:**
 - PoE Powered, SIP and multicast capable Devices
 - Remote Configuration via Web Interface
- **High-End Audio Performance**
 - Wideband audio with G.722 codec
 - Hum-reducing balanced line 600 ohm output
 - 1 GB of memory for audio files
 - Clear, crisp communication for paging and announcements
- **Primary Features**
 - Legacy paging integration
 - Integrated scheduling tool
 - Deployed in legacy, hybrid and pure IP solutions

Algo IP Paging Adapters are effectively deployed to integrate legacy paging systems to Teams environments

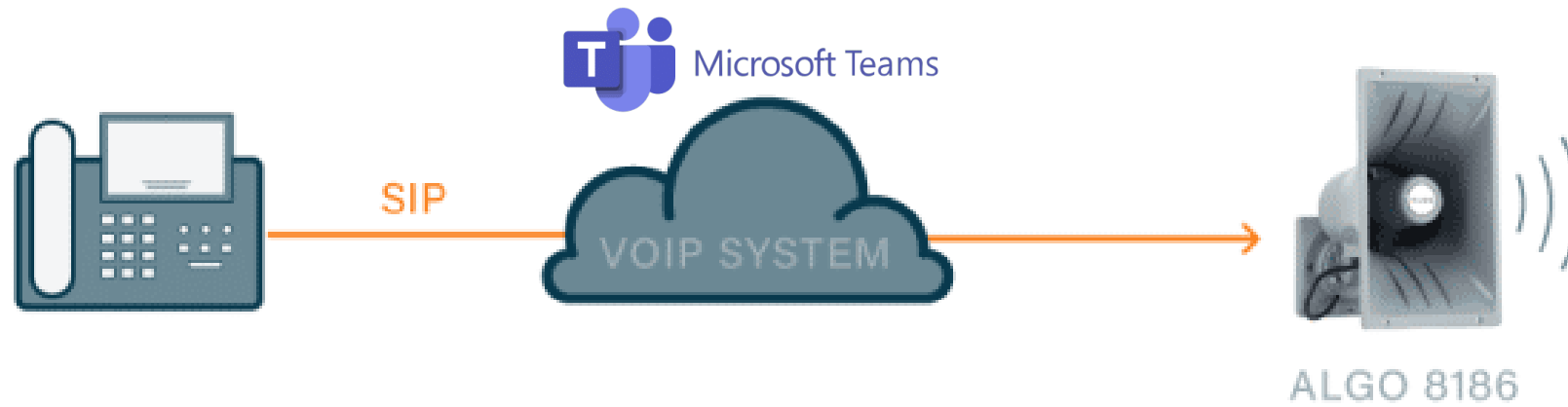


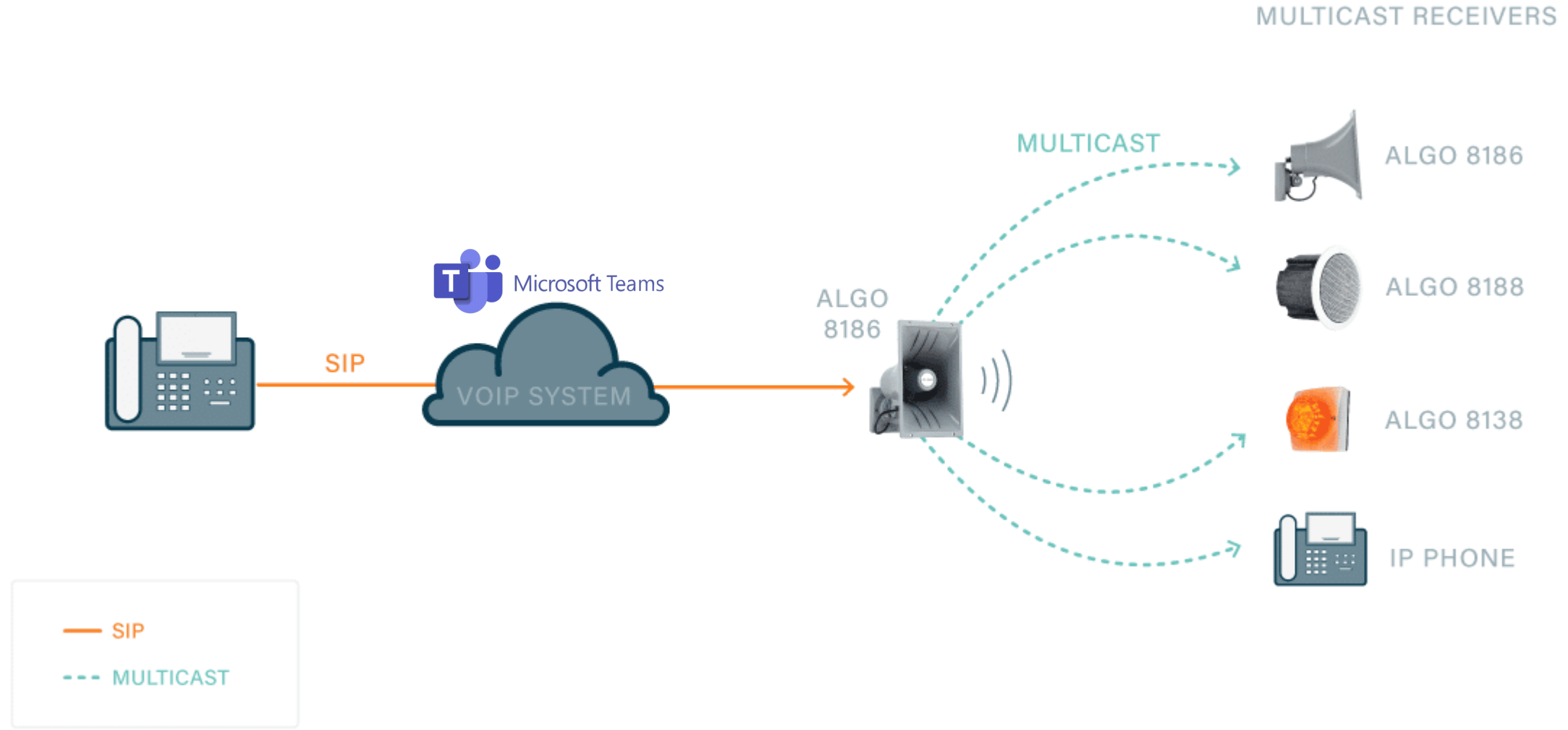
Algo's visual notification devices deliver highly noticeable visual alerting for alerting, notification and ring detection

- **Simple Deployment:**
 - PoE/PoE+/PoE++ Powered, SIP Devices
 - Remote Configuration via Web Interface
 - SIP-compliant and multicast capable
- **High-End Visual Performance**
 - Attention getting LCD Displays and LED Flashers
 - Long-life CREE LEDs
 - High visibility from ceiling or wall, 360 X 180 degree visibility
- **Visibility Features**
 - Customizable Displays,
 - Multiple flash patterns and colors

Algo IP Visual Notification Devices are highly visible, devices for commercial and industrial applications

Common Features & Applications





Algo 2507 Ring Detector

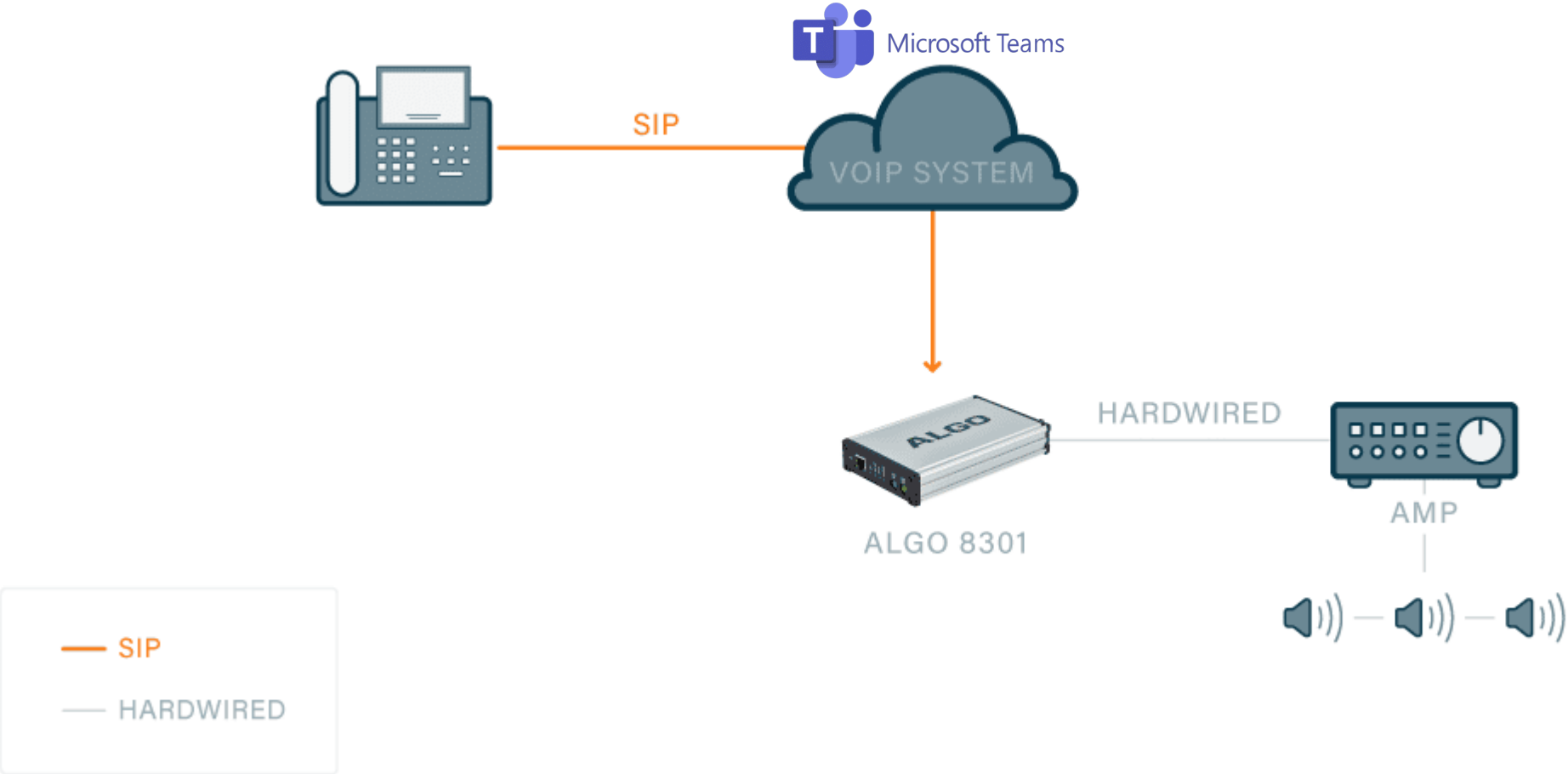
Loud Ringing



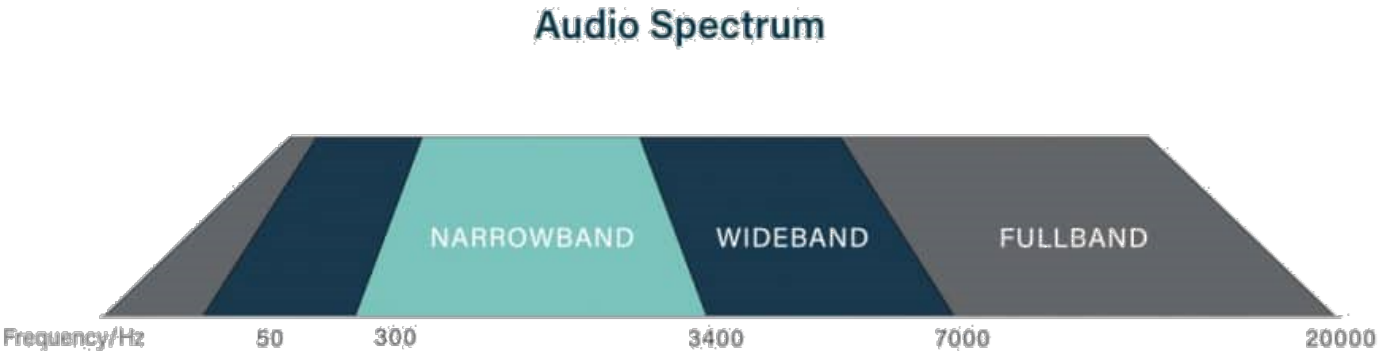
Visual Alerting



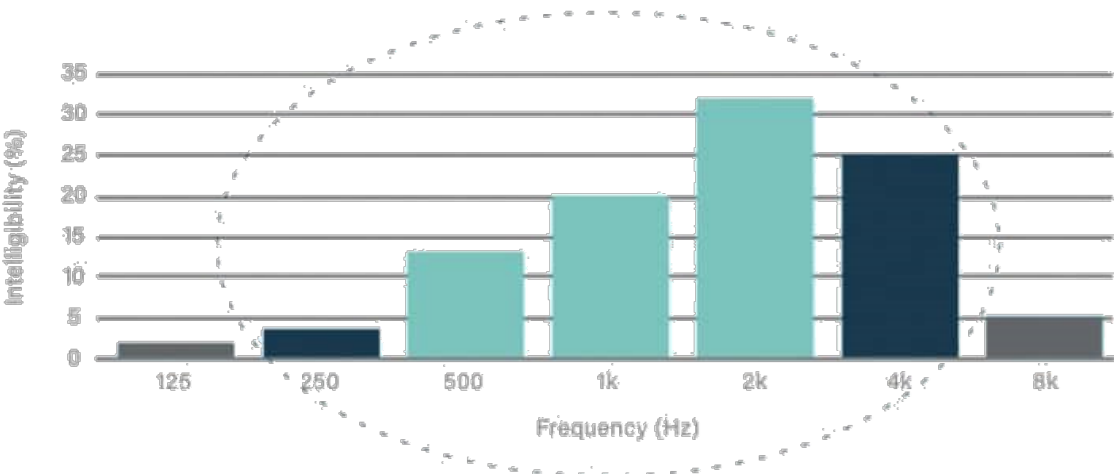
— HARDWIRED

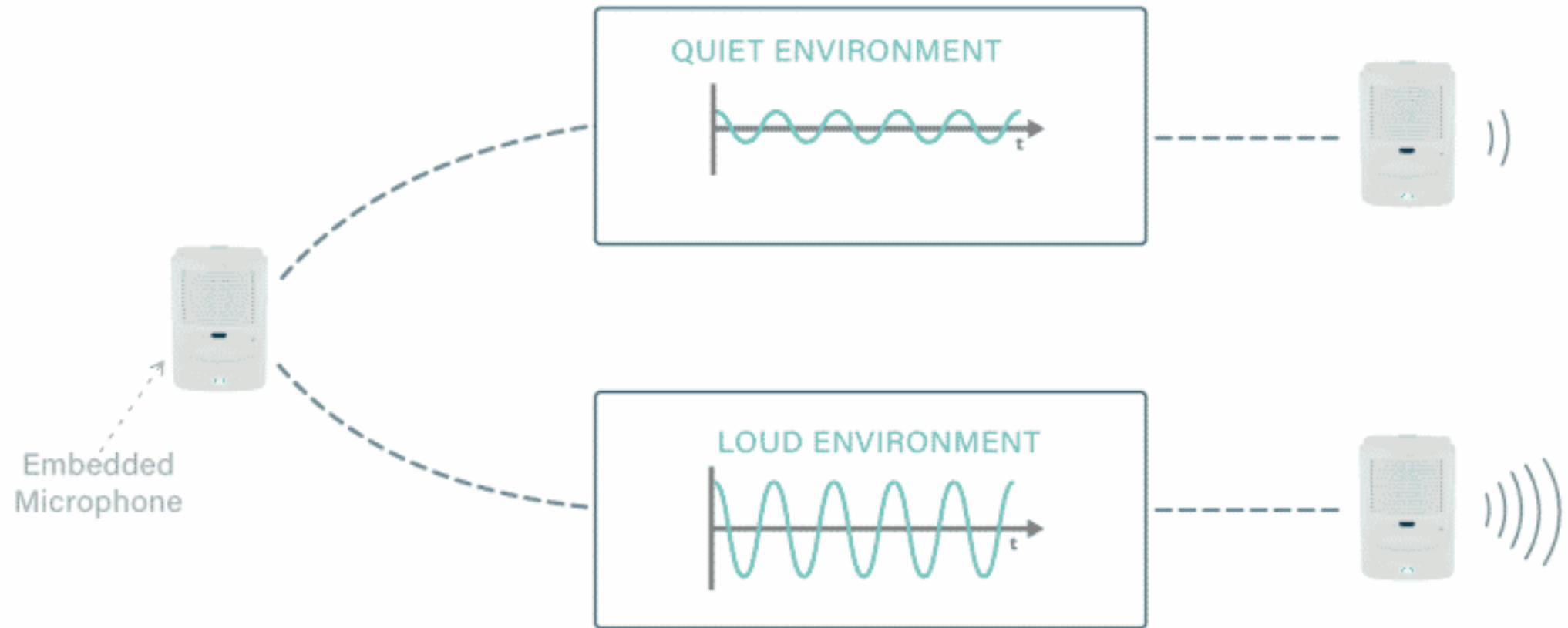


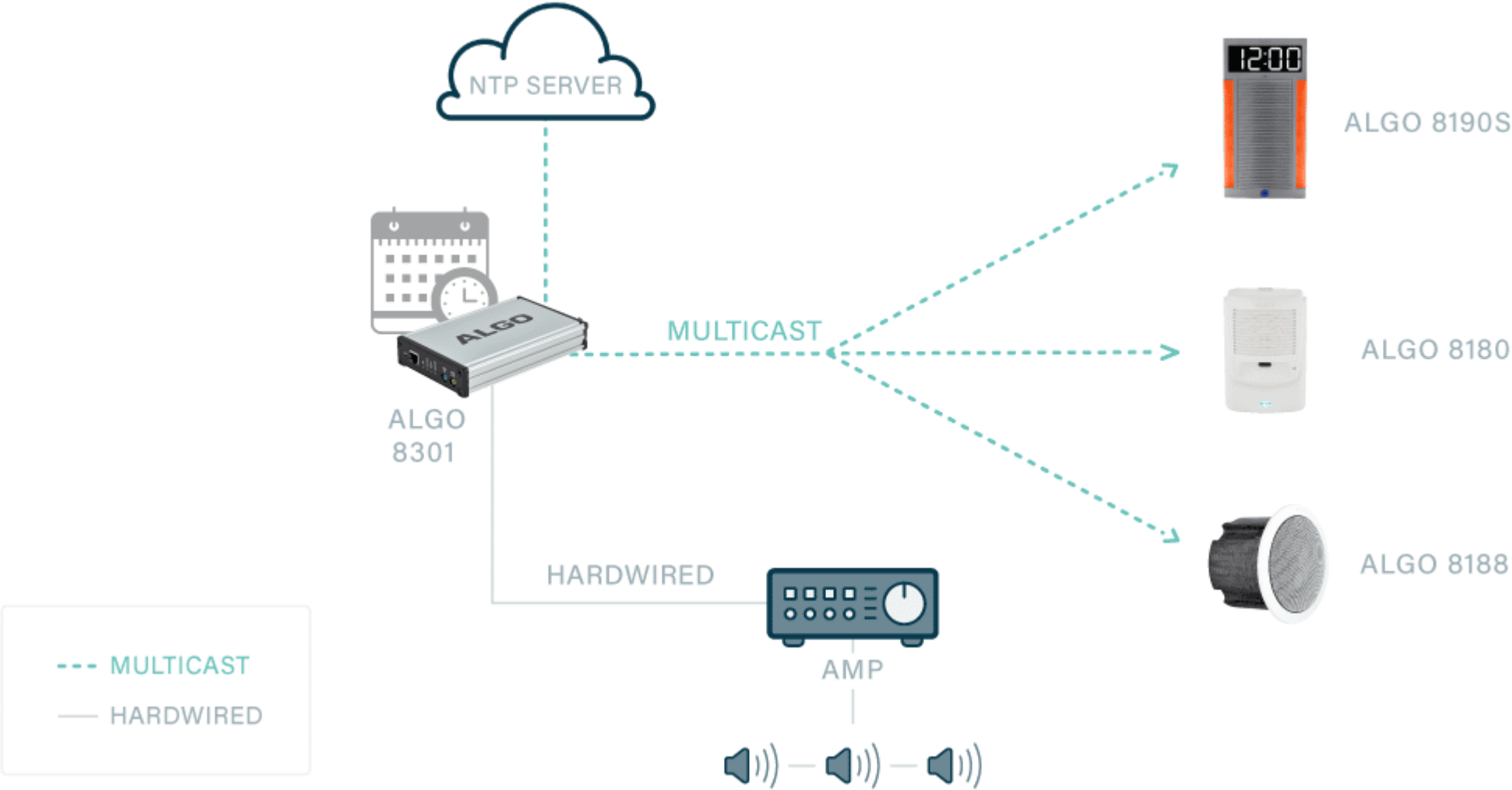
Speech Intelligibility

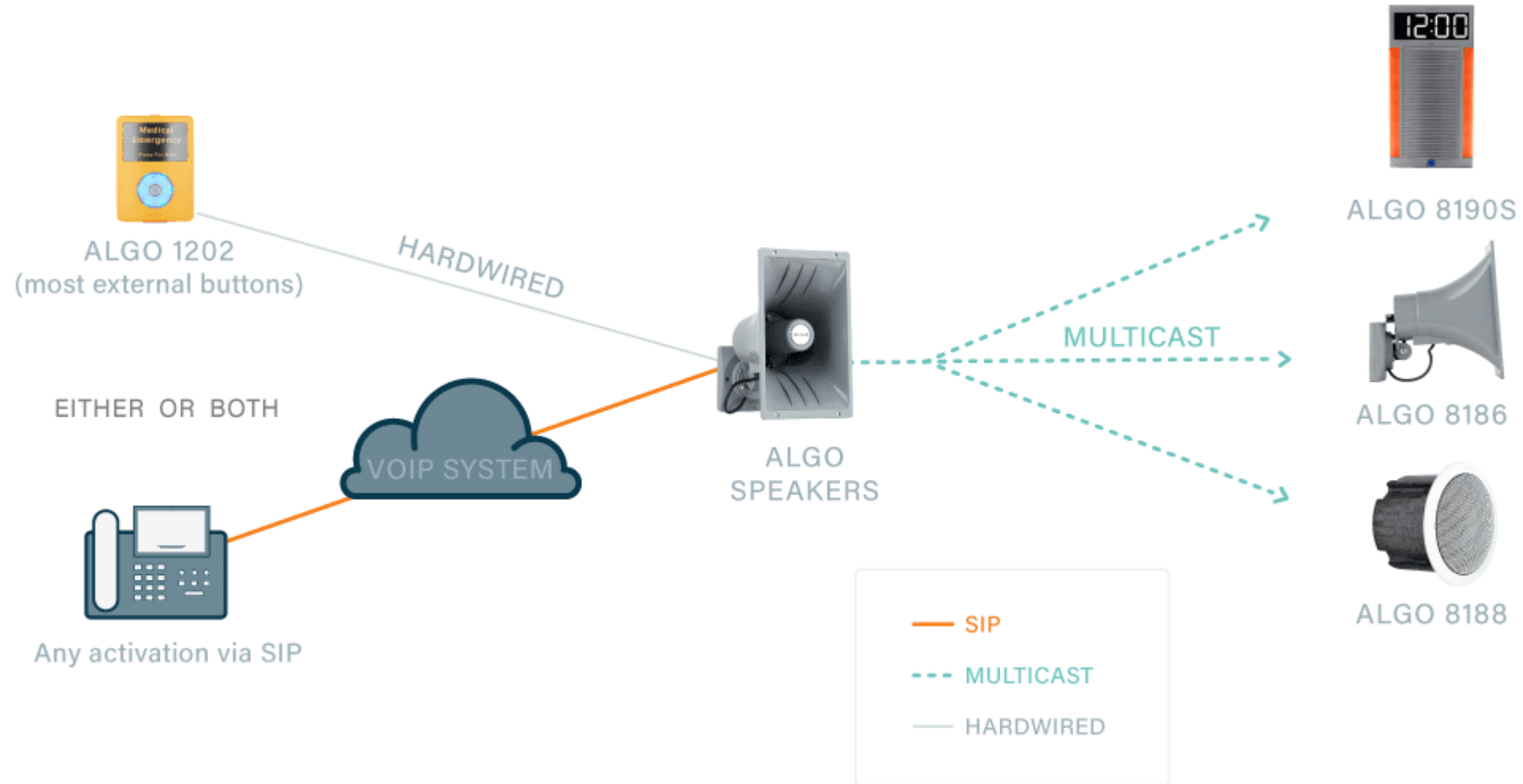


Critical frequency for speaker intelligibility -
Wideband captures over 90% intelligibility across the frequency spectrum









Device Management

Algo Device Management Solutions

EACH IP ENDPOINT Device Web Interface



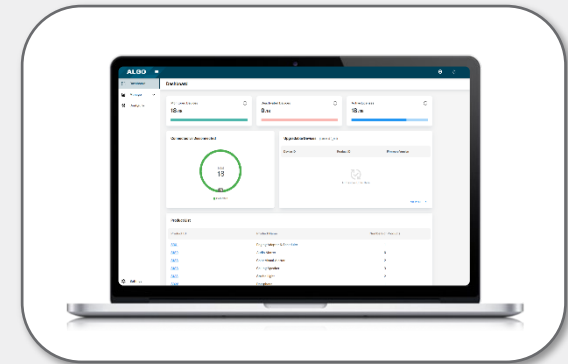
- Each device's web interface is accessible via the device IP address
- All configuration settings can be adjusted in the device, no additional software is required

DEDICATED DEVICE MANAGER 8300 – On Premise Solution



- Centralized device management solution, shows status of all devices in one view
- Deployed onto local network and can access all devices on that specific network

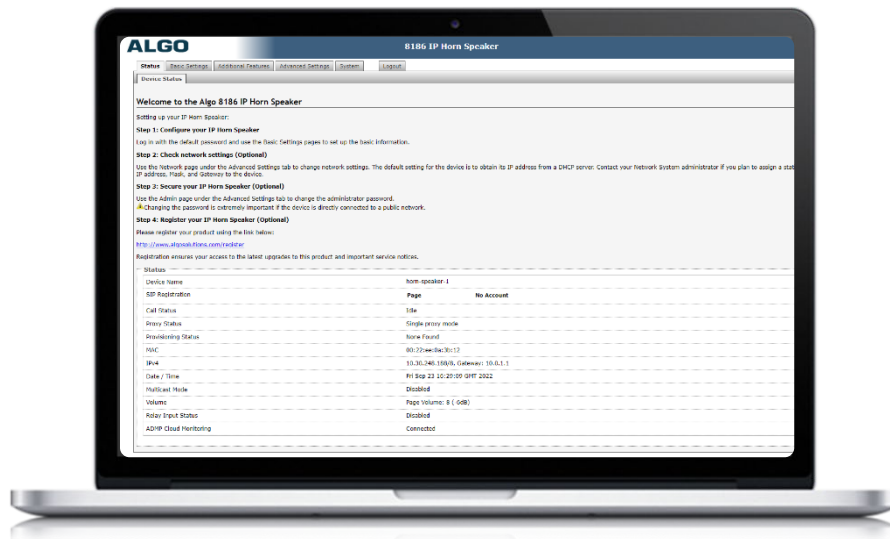
DEDICATED DEVICE MANAGER ADMP – Cloud-Based Solution



- Centralized device management solution, shows status of all devices in one view
- Cloud-based, can view and manage devices across multiple networks, from anywhere

Remote Configuration via Web Interface

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- All Algo IP Endpoints have an intuitive web interface, accessible via the device IP Address
- Common layout across all products
 - General Status
 - Basic & Advanced Features
 - Security and Network settings
- All configuration settings accessible from web interface
- Ability to download/upload pre-saved configuration files to deploy common configuration across multiple devices

8300 Controller – On Premise Device Management

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Algo 8300 Controller

Status

Status and Login Dashboard

One or more devices have been disconnected.

The Dashboard's "Managed Devices" list tracks the online/offline status of preconfigured devices. To configure the Managed Devices list, log in and go to "Dashboard > Devices" tab.

*Note: SNMP must be enabled to monitor devices correctly. Enable SNMP in "Advanced Settings > Admin" tab of the target device.

Search devices...
☒ All ☐ Online ☐ Offline

IP	MAC	Product	FW	Name	Status
192.168.2.191	00:22:ee:12:00:8f	8180G2		sipalerter	Error Unreachable
192.168.2.211	00:22:ee:03:41:1f	8028		doorphone	Warning SNMP Disabled
192.168.2.203	00:22:ee:1e:00:12	8190S		sipspkrclk	Warning SNMP Disabled
192.168.2.206	00:22:ee:07:2f:d0	8188	1.7.6	sipcelling	Online
192.168.2.207	00:22:ee:0b:01:15	8039	2.0.1	videodoorphone	Online
192.168.2.205	00:22:ee:0f:00:df	8138	4.4	sipstrobe	Online
192.168.2.189	00:22:ee:09:29:48	8301	1.7.6	master-1	Online

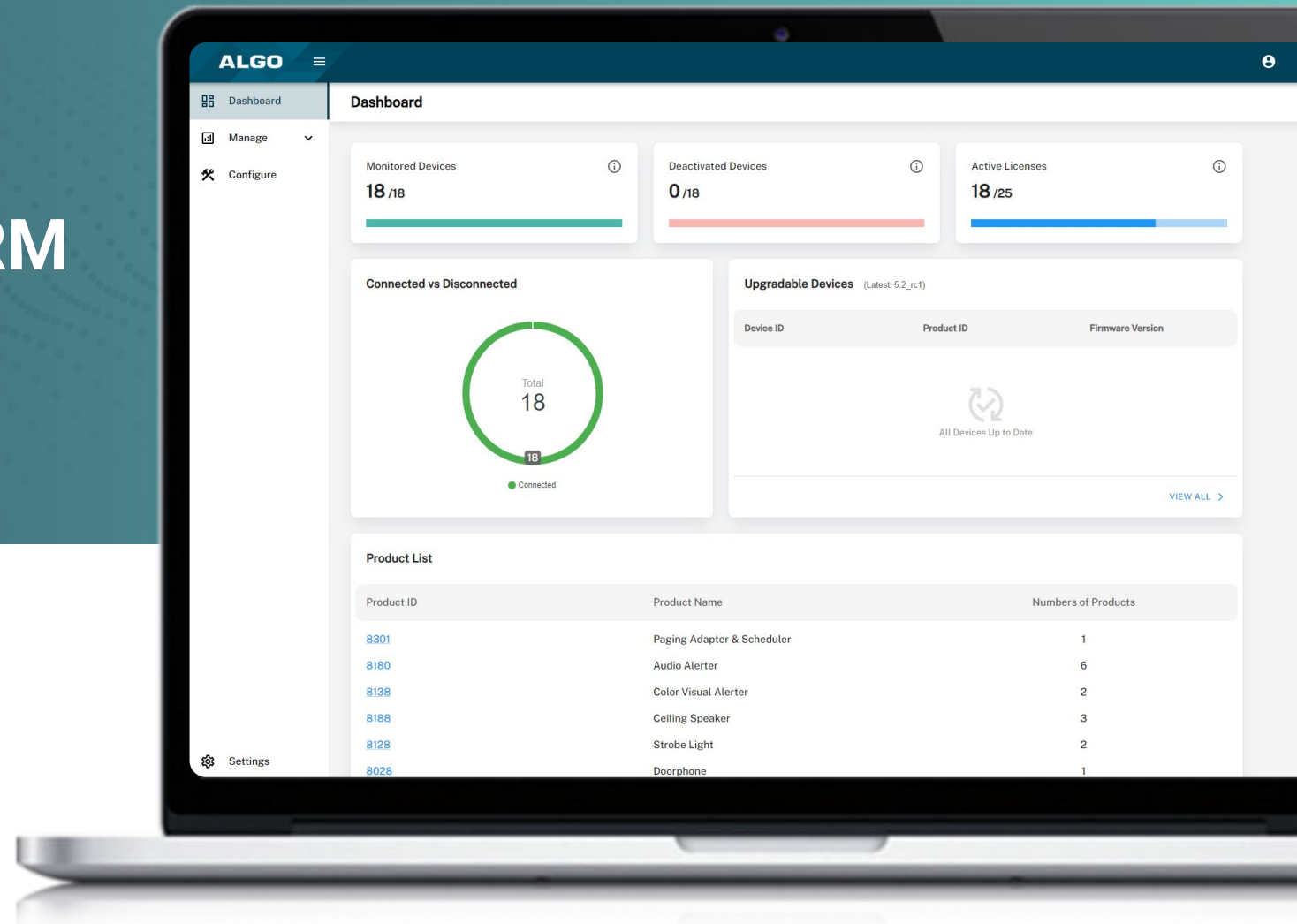
- Monitoring Algo devices for in service
- Notification via email, SIP call or audible alarm for “offline” conditions
- Single pane view of all Algo devices connected to subnet
- One-time hardware purchase, no ongoing costs

ALGO DEVICE MANAGEMENT PLATFORM

SIMPLIFYING ENDPOINT MONITORING & MANAGEMENT

Centralized Monitoring Platform

Monitor and manage all your Algo IP Endpoints securely from the cloud. The Algo Device Management Platform (ADMP) simplifies device management and provides visibility to all devices.



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Thank You