

Algo IP Portfolio

Detailed Product Overview

Scott Farrell – Algo Communication
Products

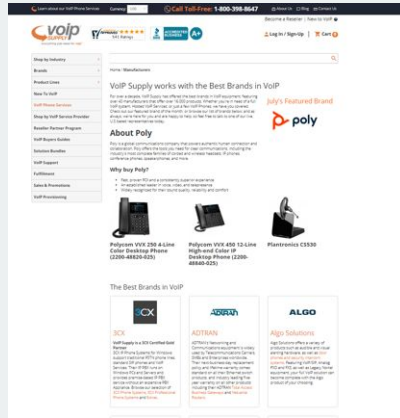


ALGO

Who is VoIP Supply

VoIP Supply is North America's leading VoIP solutions provider.

We have been taking the stress out of VoIP Solution design since 2002! Reclaim your industry experience and join our team of over 125,000 customers.



Product Catalog

Over 5,000 products from over 60 of the industry's leading manufacturers



We are More than just a Website!

Best Places to Work in Western New York
500/5000 Company

Buffalo Niagara Business Ethics Award Nominee



VoIP Experts

Combined, our experts have over **FIFTY** years of experience



Since 2002 VoIP Supply has delivered unparalleled service and expertise to over 125,000 customers worldwide.

VoIP Rental Program

our Device as a Service (DaaS) rental program gives your customers the widest variety of VoIP Products for a low monthly payment!

Hardware & Provisioning

featuring over 60 manufacturers that offer over 16,000 products and the ability to provision for you!

CloudSpan MarketPlace

a single place to shop various VoIP service providers - build up your MRR and receive discounts on hardware selling through VoIP Supply

Fulfillment

provisioning and professional services from multiple warehouse locations in North America; providing real-time access to manage your projects from order through delivery

Refresh & Reclaim

offering certified reconditioned devices at a fraction of the cost plus offering an outlet for selling off used and excess VoIP equipment

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Algo Introduction

- Manufacturer of IP Endpoints: Speakers, Intercoms, Visual Alerters
- Endpoints certified with leading UC, Collaboration, and Emergency Notification Platforms
- Long history in telephony and hardware development. Founded 1968. Products manufactured in Vancouver, Canada



IP Paging | Alerting | Intercom

ABOUT ME

Scott Farrell

Strategic Accounts USA and Canada

A telecommunications professional with 30 plus years of hands-on industry experience.

Today's Agenda

- Factors driving IP paging
- Solution overview
- Detailed product and technology discussion
- Application and use cases
- Q & A

1

Critical Safety or Security Function



2

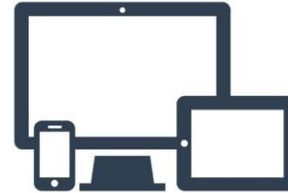
Common Infrastructure



- Voice, Data
- Security
- Paging
- Operational Technology

3

Network Configurable for Remote Management



- Ease of Management
- Supervision
- Improved Installation

4

UC Compatible



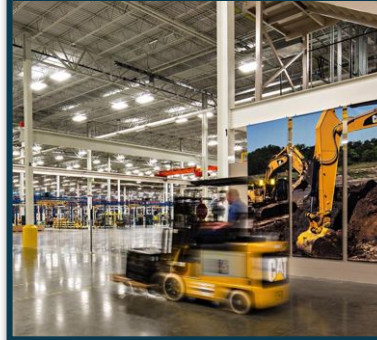
TRANSPORTATION



LOGISTICS



MANUFACTURING



HOSPITALITY



EDUCATION



HEALTHCARE



RETAIL



GOVERNMENT



Algo Solutions Overview – IP Endpoint Suite

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IP Voice Paging



IP Audio Alerting



IP Intercoms



Visual Notification



Monitor & Manage



Scheduling & Music



IP Paging & Audio Alerting Endpoints

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8180 SIP Audio Alerter



8188 IP Ceiling Speaker



8198 IP PoE+ Ceiling Speaker



8186 IP Horn Speaker



8190 SIP Speaker Clock



8189 IP Surface Mount



8196 SIP PoE+ Horn Speaker



1196 Satellite Horn Speaker



8198 SIP PoE+ Ceiling Speaker

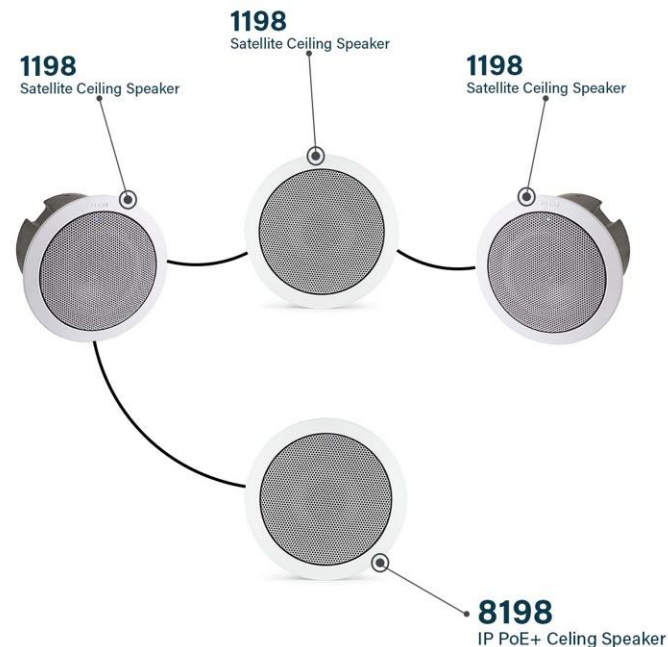


1198 Satellite Ceiling Speaker



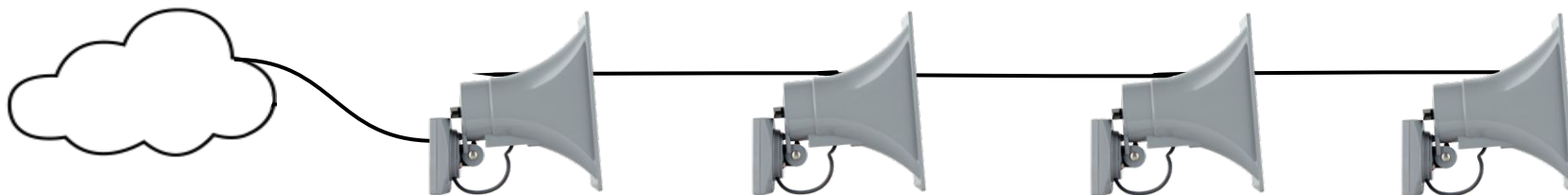
- **Algo 8198:** Single speaker up to 16W
- **Algo 1198:** Add up to 3 supervised satellite speakers
- All speakers fully supervisable
- IP Speakers and Satellite Speaker look and sound identical
- Easy daisy chained connection via RJ45 cable
- Core Algo IP Speaker functionality maintained

Significant Cost Savings
Less data ports and less drops to run



Power & Cost Varies with Satellites Added

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Algo 8196
IP PoE+ Horn Speaker

Algo 1196
Satellite Horn Speaker

Algo 1196
Satellite Horn Speaker

Algo 1196
Satellite Horn Speaker

Satellites Attached	0	1	2	3
Speaker Configuration	1 x 8196	1 x 8196 1 x 1196	1 x 8196 2 x 1196	1 x 8196 3 x 1196
Network Drops Required	1	1	1	1
Per Speaker				
Power (PoE+)	16W	8W	5.3W	4W
Max Output (dBA)	119	116	114	113
MSRP (Average price)	\$595	\$435	\$381	\$355

Algo IP speakers features and benefits

- Open standards SIP registration
 - Paging
 - Loud Ringing
- Multicast scalable (1000s)
- Intuitive web interface
- Standard RTP multicast paging
- Polycom Group Page compatible
- Ambient noise adaptive
- Embedded microphone
 - Two-way Communication (Talkback)
- Audio memory for WAV file
- TLS, SIPS, SRTP, LLDP/CDP
- No common equipment required
- No software to be installed

8138 SIP Multi-Color Strobe Light



8190S SIP Speaker Clock & Visual Alerter



8128 SIP Strobe Light



Algo IP Visual Alerters features and benefits

- Open standards SIP registration
 - Visual alerting for ring events
 - Visual alerting for page sessions
- Visual effects for emergency notifications
- Enhance situational awareness
- Multiple flash patterns and colors
- Customizable via intuitive web interface
- PoE 802.3af
- Ceiling or wall mount
- Rated for wet environments (IP 65)
- TLS, SIPS, SRTP, LLDP/CDP
- Long Last LEDs
- 360 X 180 degree visibility
- Programmable RGBA LEDs (Algo 8138)

SIP PoE Paging Adapters

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8301 SIP Paging Adapter & Scheduler



8373 SIP Zone Paging Adapter



SIP PoE Paging Adapters

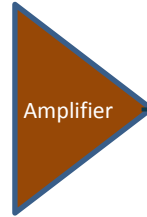


8301 Paging Adapter



Line level audio to amplifier

Line out

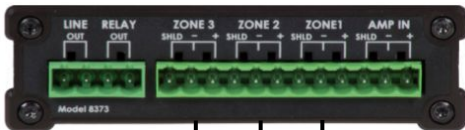


amplifier output

Single zone

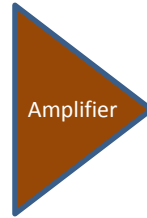


8373 Zone Paging Adapter



Line level audio to amplifier

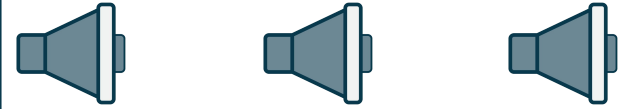
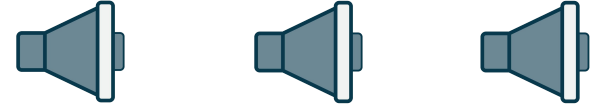
Amp In



amplifier output

High power audio from the amplifier

Multizone



Algo Paging Adapters Features and Benefits

- Legacy Analog paging integration to VoIP
 - Cloud or premise based systems
- Eliminates the need for an ATA
- Balanced line 600 ohm output
 - XLR Connector or terminal block
- Custom wav files
 - Emergency notification
 - Loud ringing
- PoE 802.3af
- 1 Gig of memory for audio files
- Music Input (Algo 8301)
- Relay input and output connections
- Eliminates legacy zone controller
- Simple to use scheduling application
 - Class changes, Breaks whisper Paging

1204 Volume Control



1202 Call Button



1203 Call Switch



1205 Audio Plate



Algo Paging Accessories Features and Benefits

- Initiate multicast alerts or announcements
- Trigger SIP call to targeted extension
- Single twisted pair connectivity
- Connect to relay input of Algo IP Speakers, LED strobes and 8301 paging adapter
- Powered and supervised by Algo PoE endpoints
- Volume control with smart overrides
 - Muted speaker will play “Emergency Messages” (priority multicast)
- 3.5 mm interface music source (Algo 1205)
- Connect XLR microphone (Algo 1205)
 - Paging backup in the event of VoIP System OOS
- Highly visible with illuminated buttons

8201 SIP PoE Intercom



8028 SIP Doorphone



8039 SIP Video Mullion Intercom



VIDEO

8036 SIP Multimedia Interface



VIDEO

Algo Door Intercom Features and Benefits

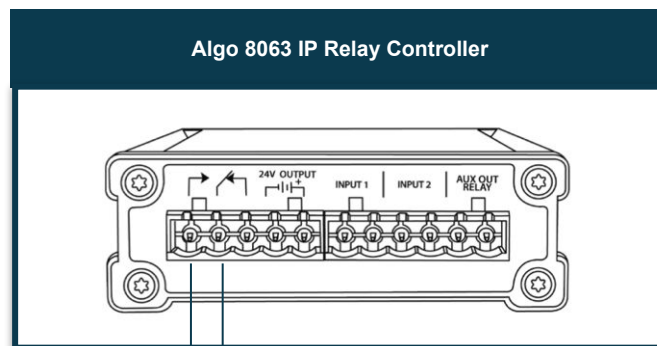
- Algo door intercoms are PoE 8023.af/at
- Initiate or receive calls Via SIP registration to UC platform
- Wideband HD voice for high intelligibility speech
- IP 65 rated for outdoor use
- Seamless relay activation for door or gate release via DTMF tone while on call
- H.264 Video or web video
- Surface, flush or mullion mounting options
- Algo 8028 is ideal for retrofits
 - Controller is SIP registered
 - Door station can be 1000 feet away on single twisted pair

Algo 8063 IP Door Controller (secure door release)

IP Digital IO Module for Door Control & Automation

The Algo 8063 IP Door Controller is a compact and capable PoE powered digital IO interface designed specifically for door opening control and IP integration with external relay inputs.

The 8063 is fully compatible with Algo [8036](#), [8039](#) and [8201](#) intercoms for secure door control.



8201



8039



8036



Algo 8063 IP Door Controller Inputs



IP Digital IO Module for Door Control & Automation

The Algo 8063 IP Door Controller is a compact and capable PoE powered digital IO interface designed specifically for door opening control and IP integration with external relay inputs.

The 8063 is fully compatible with Algo [8036](#), [8039](#) and [8201](#) intercoms for secure door control.



Algo SIP Strobe lights

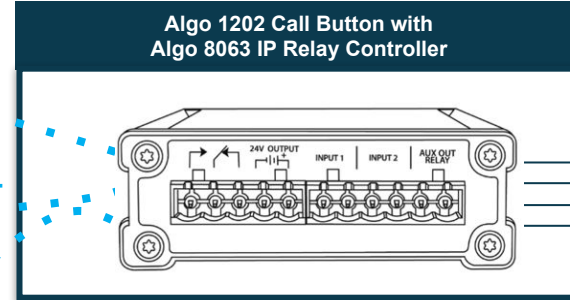


Algo SIP Speakers



Algo SIP Speakers

MULTICAST



1202 button 1



2 wire connections button input RJ 11



1202 button 2

8300 Controller



Web Interface

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		sipalserter	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		sipspkrcik	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

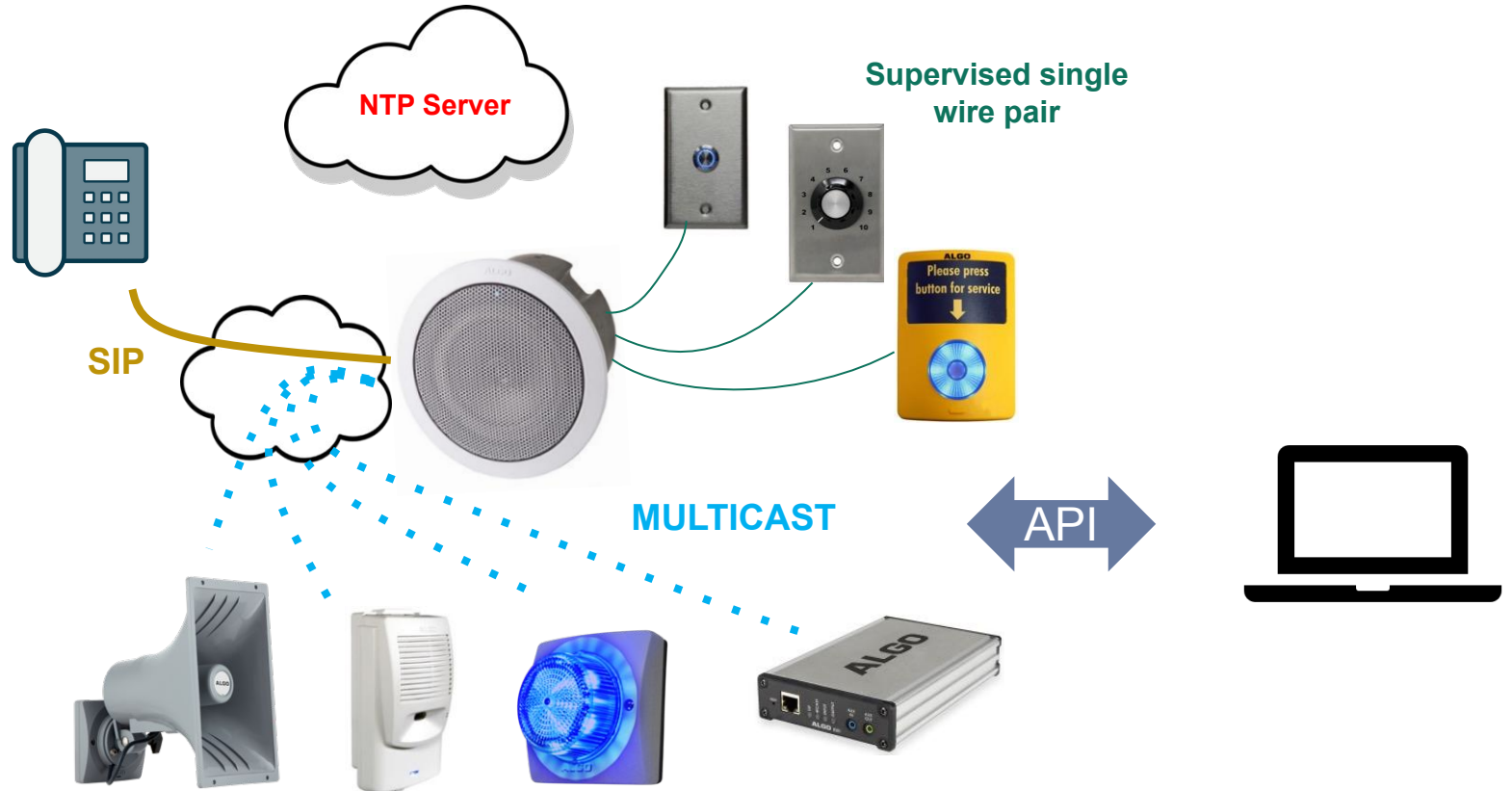
Algo 8300 Controller Features and Benefits

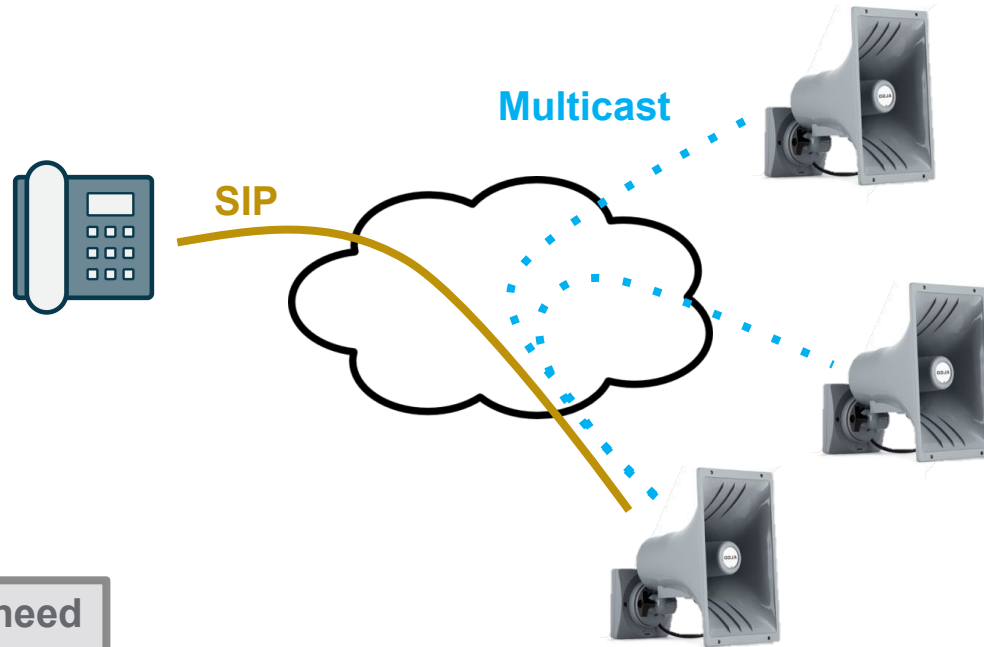
- PoE SIP endpoint for management of Algo Ip devices
- Monitoring Algo devices for in service
- Notification via email, SIP call or audible alarm for “offline” conditions
- Single pane view of all Algo devices connected to subnet
- Convenient access to management interfaces of Algo devices
- Ideal for large enterprise deployments
- Devices are searchable by name
- Simplifies implementation and ongoing management
- Minimizes downtime with quicker time to problem resolution

Common Features and Use Cases

Solution Components

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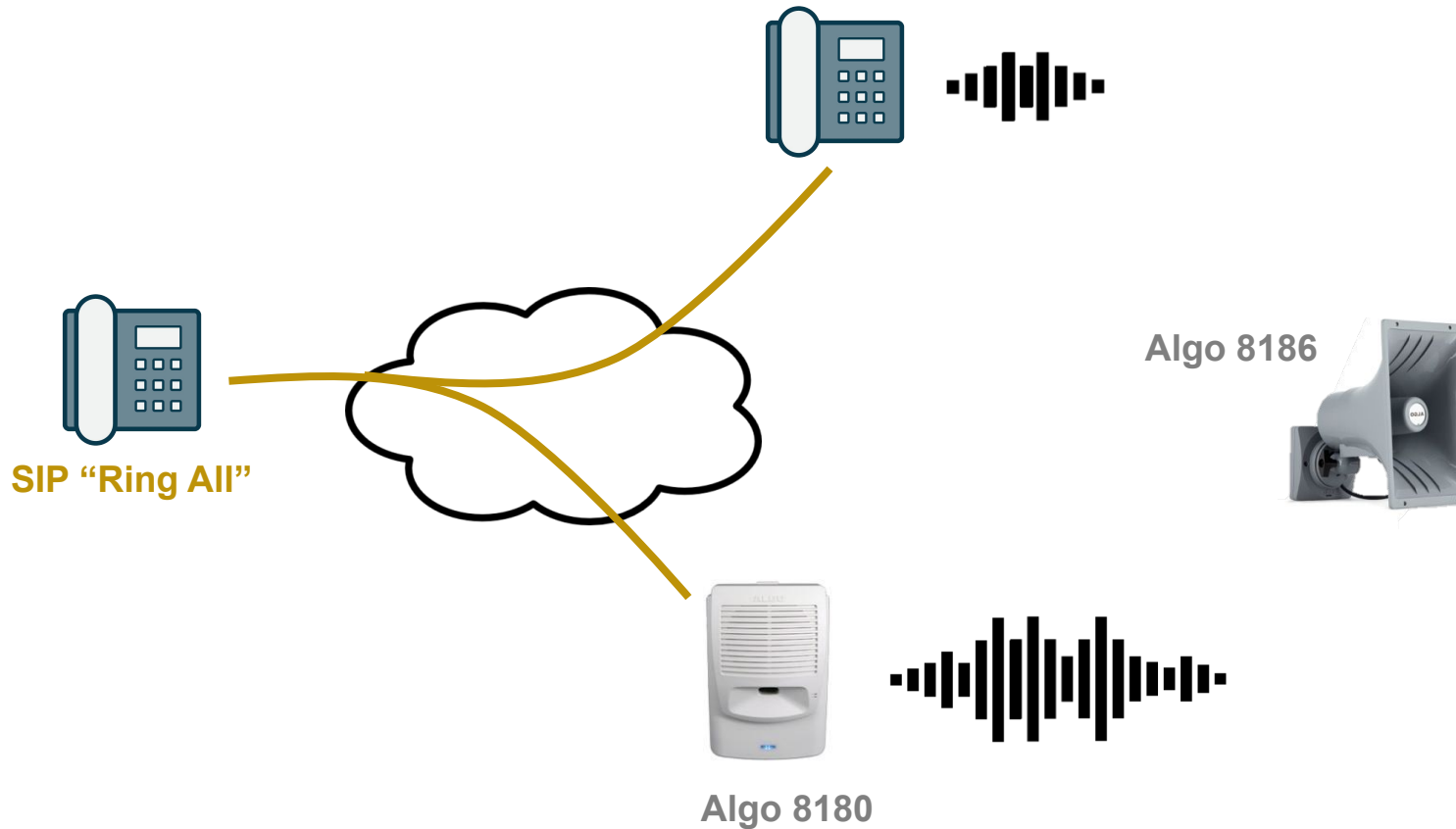




Not all speakers need
SIP registration

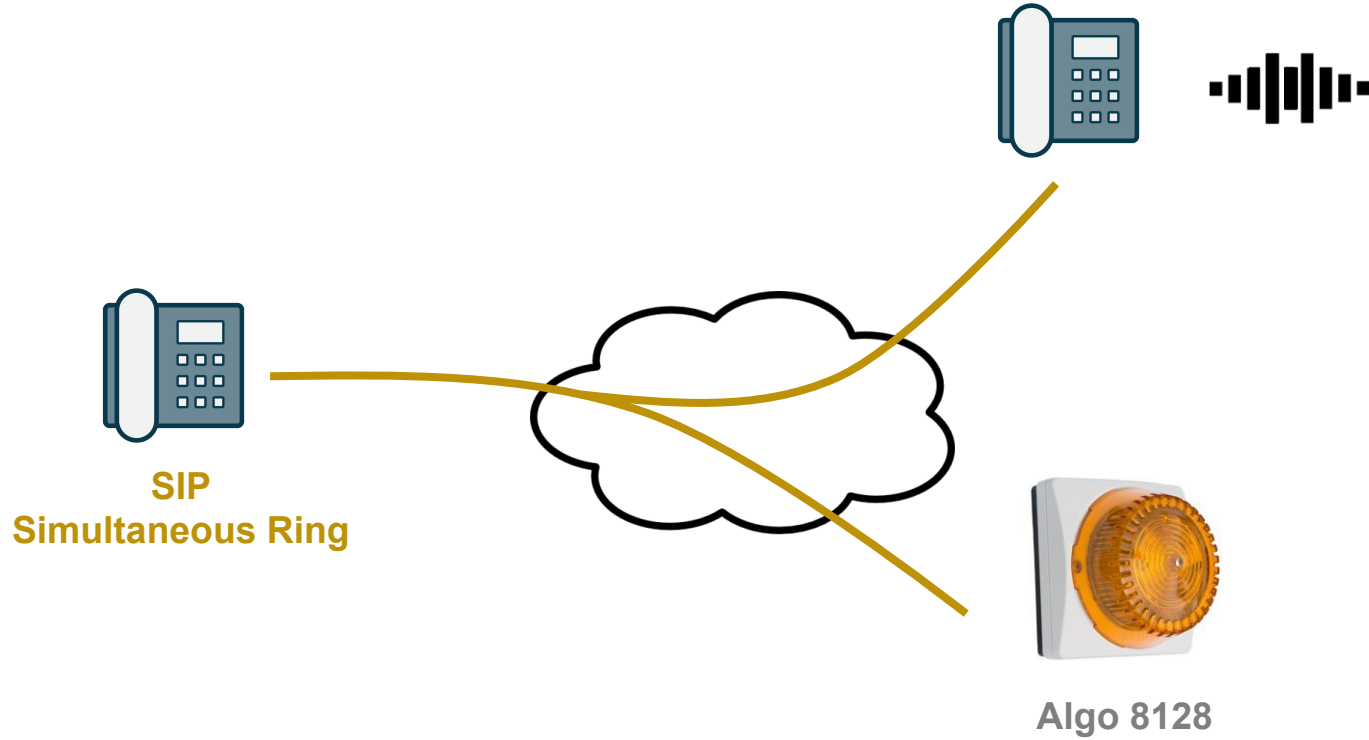
Loud Ringing

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Visual Ringing

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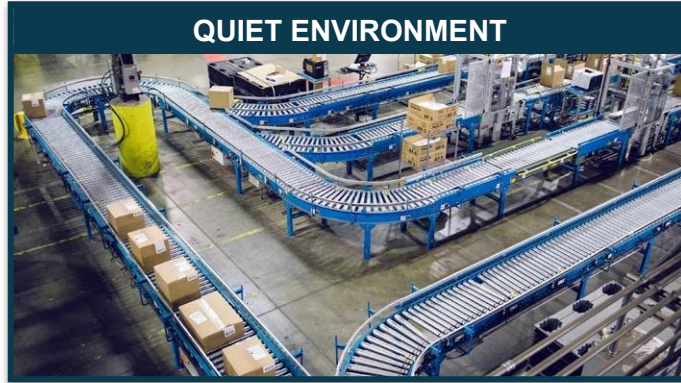


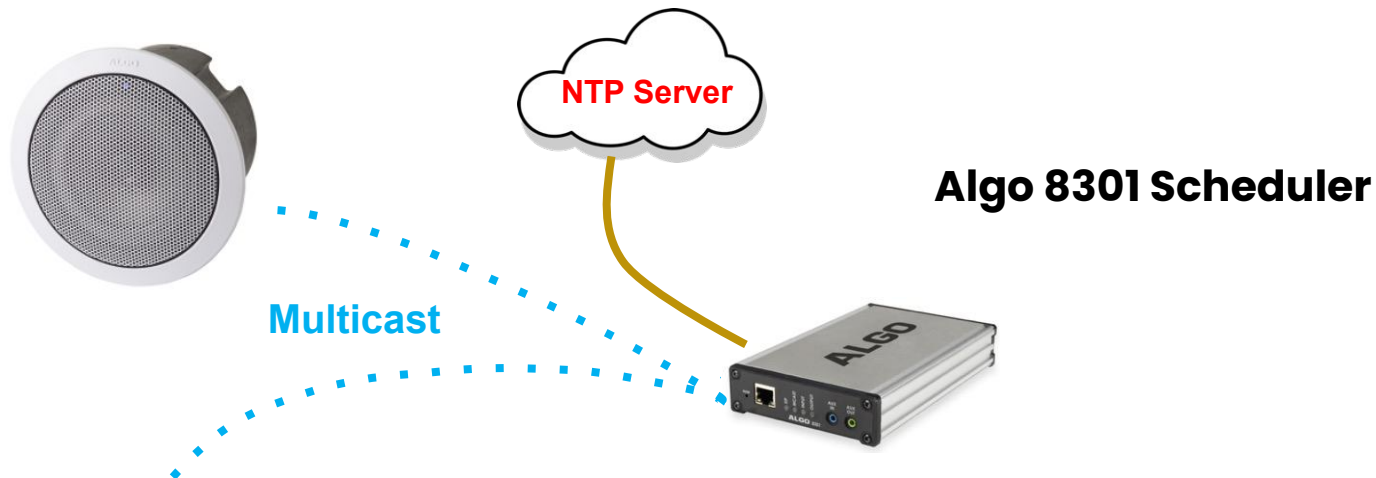
Ambient Noise

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Microphone





Algo 8301 Scheduler

Scheduling application



	Description	Time	Audio
<input type="checkbox"/>	C Start Home Room	08:45:00	Single_chime.wav
<input type="checkbox"/>	C End Home Room	08:59:00	4_tone_chime.wav
<input type="checkbox"/>	C Start Period One	09:00:00	BellShort.wav
<input type="checkbox"/>	C Start Period two	09:55:00	4_tone_chime.wav



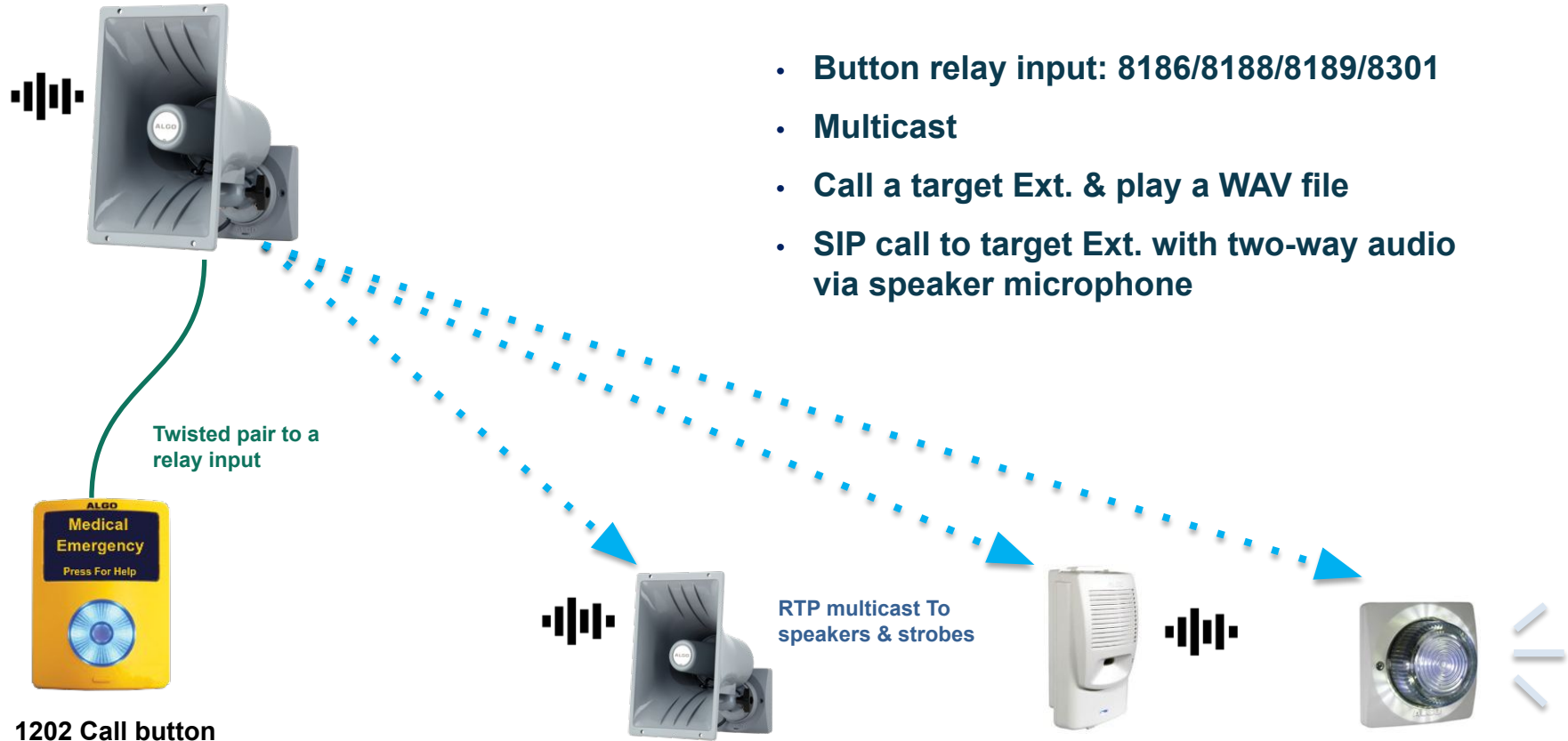
Emergency Notifications

ALGO



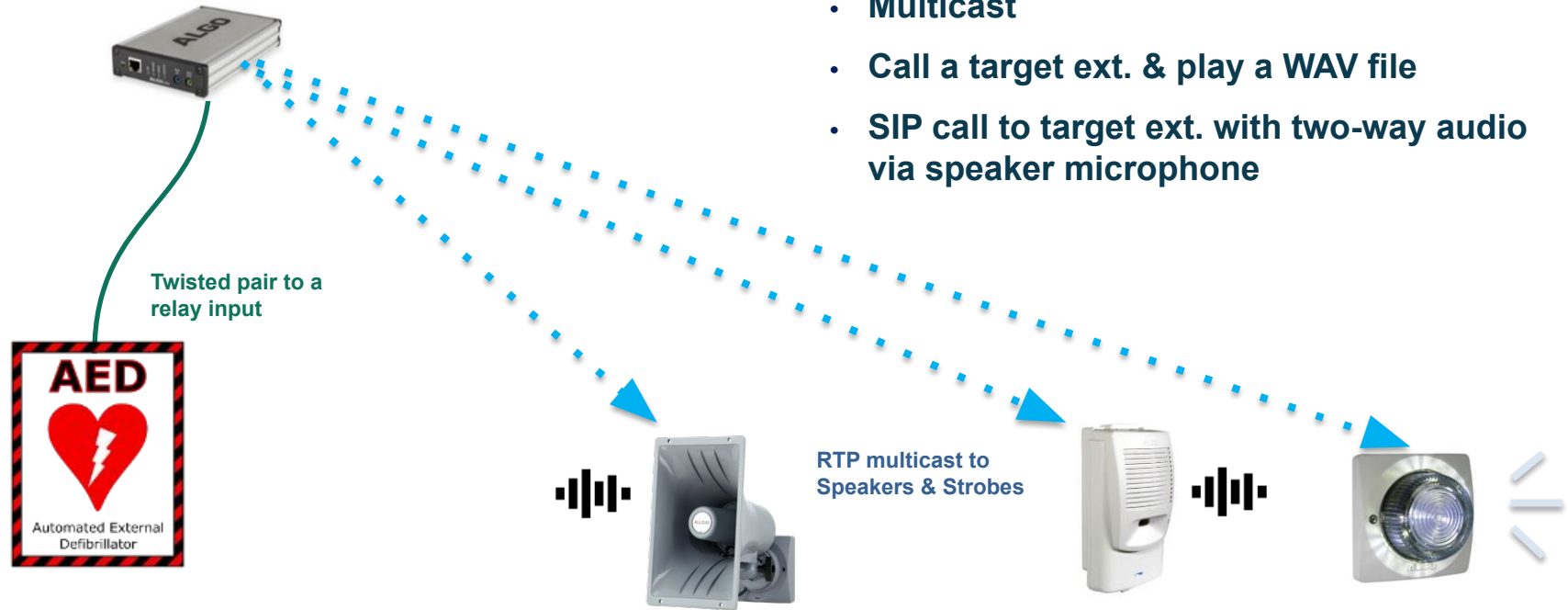
Emergency Notification – Push Button

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Emergency Notification – Relay input 8301

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Adverse Weather
Conditions



Mass Notification
System



 **Syn-Apps**
Notification. Unified.

 singlewire
InformaCast

Emergency



SMS



Loud Ringing



All clear



QUESTIONS & CONTACT INFORMATION

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