



Algo Portfolio Overview and Product Updates



Brian Hyrek

Account Manager

(716) 531-4318

Bhyrek@VoIPSupply.com



50 YEARS

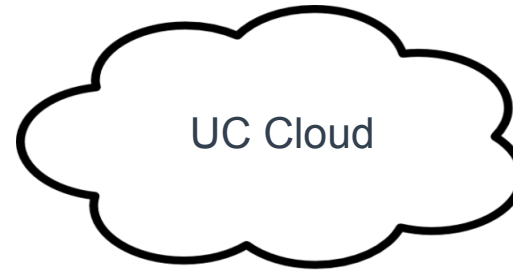
Algo Portfolio Overview and Product Updates



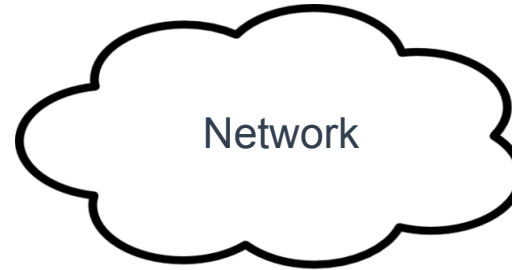
Scott Farrell
Strategic Accounts
(613) 266-8196

scottfarrell@algosolutions.com

ALGO



Hosted or premise based



Solution Overview



Paging



**70 Volt Integration
Bell Scheduling & Music**



Intercom



Alerting



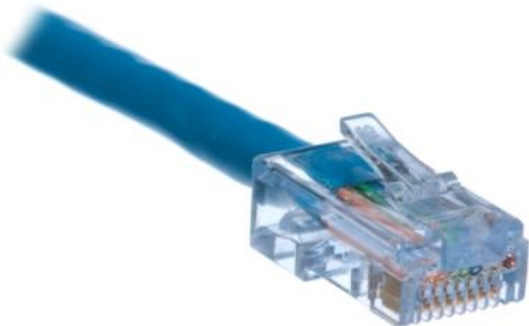
**Visual
Notification**

ALGO

Critical Safety or Security Function



Common Infrastructure



- Voice
- Data
- Security
- Paging

Industry influencing change

Network Configurable and Easily Changed



New SIP UC Environment



- Verticals
 - Education
 - Healthcare
 - Manufacturing
 - Transportation
 - Logistics
 - Retail
 - Hospitality



- Paging
- Loud ringing
- IP multicast scalable
- Supervisable
- Multiple paging zones
- Wideband G.722 HD voice

8180



8189



8188



8186



- PoE 802.3af
- Ambient noise adaptive
- Embedded Microphone
- Audio Memory for WAV File
- Web interface for management
- TLS, SIPS, SRTP, LLDP/CDP



Q3/Q4 2019

PoE+

Option for second analog speaker



Q4 2019

Plastic enclosure

PoE+

Up to 3 supervised satellite speakers



Q4 2019

Available as PoE+

Up to 3 supervised satellite speakers

Estimate cost per speaker reduced by 25%

ALGO

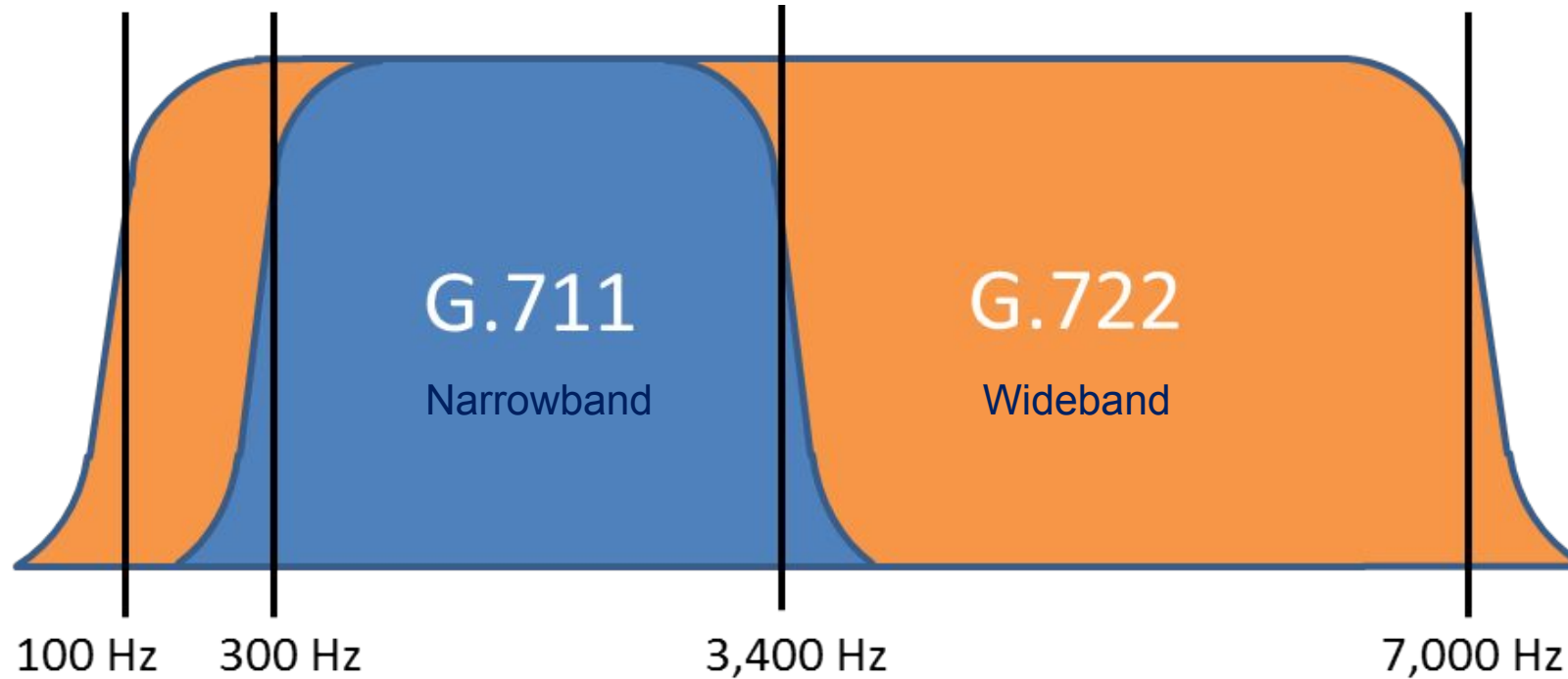
- High visibility digital clock
- White on black contrast
- Digits are 30mm 2.3" tall
- Door Control
- RGB programmable LEDs
- Optional Strobe



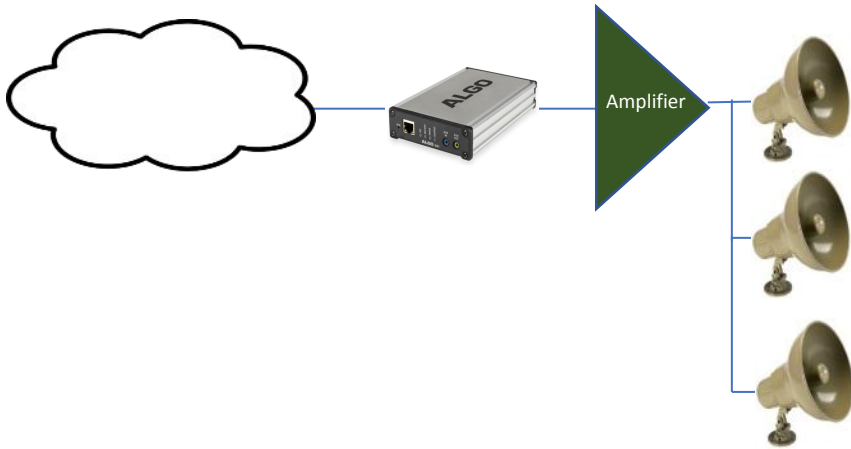
8190s

8190/8190s Speaker

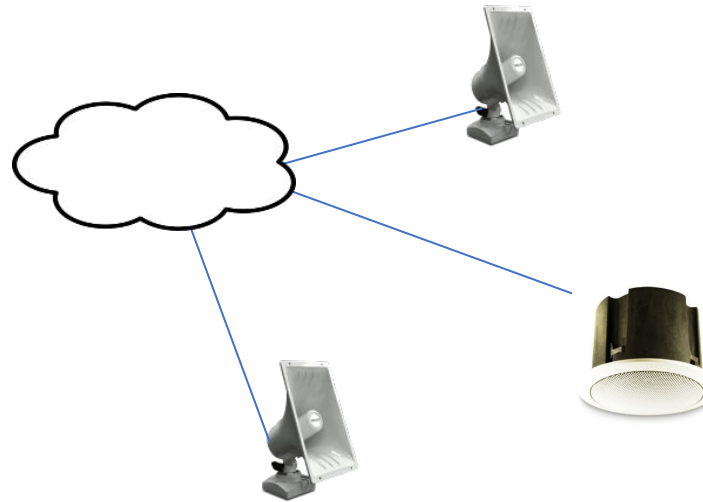
- PoE + 802.3at
- Four speaker line array
- Asymmetric sound dispersion
- Ambient noise adaptive
- Embedded Microphone
- Integrated backlit button



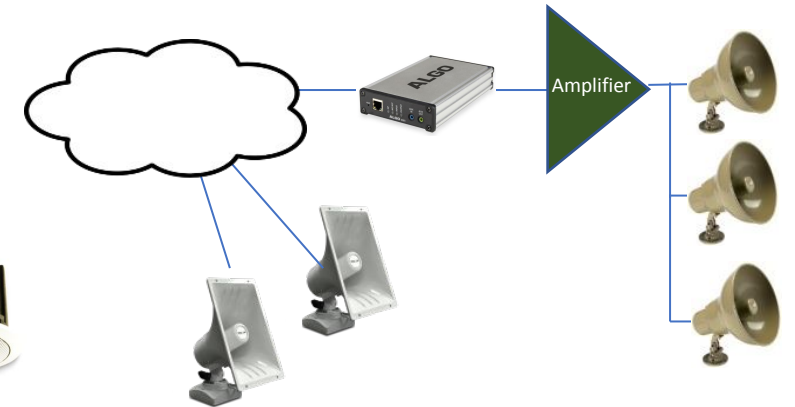
- Enhanced Speech Intelligibility
- Quantifiable and Measurable using [STI-PA](#)
- Building Code (NFPA 72) & Regulatory Requirements (NEMA SB-40)



IP Enabled



IP Speakers



IP Hybrid

SIP PoE Paging Adapters

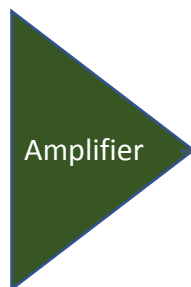


8301 Paging Adapter



Line Level audio
to amplifier

Line out

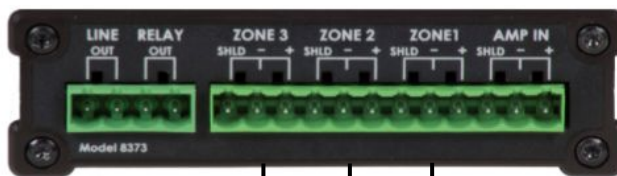


amplifier
output

Single Zone

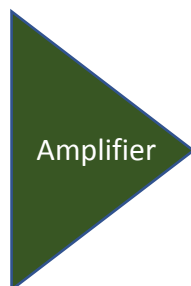


8373 Zone Paging Adapter



Line Level audio
to amplifier

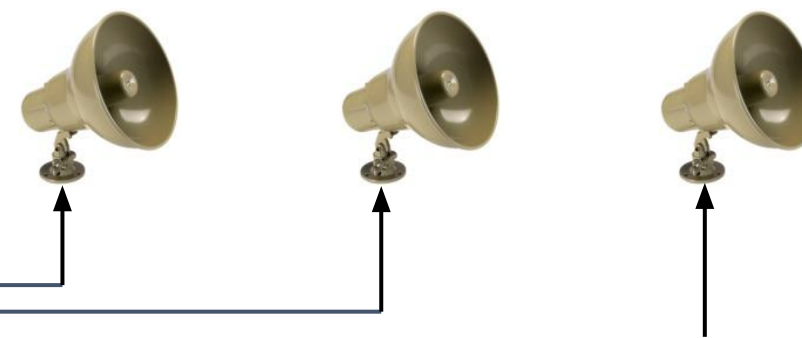
Amp In

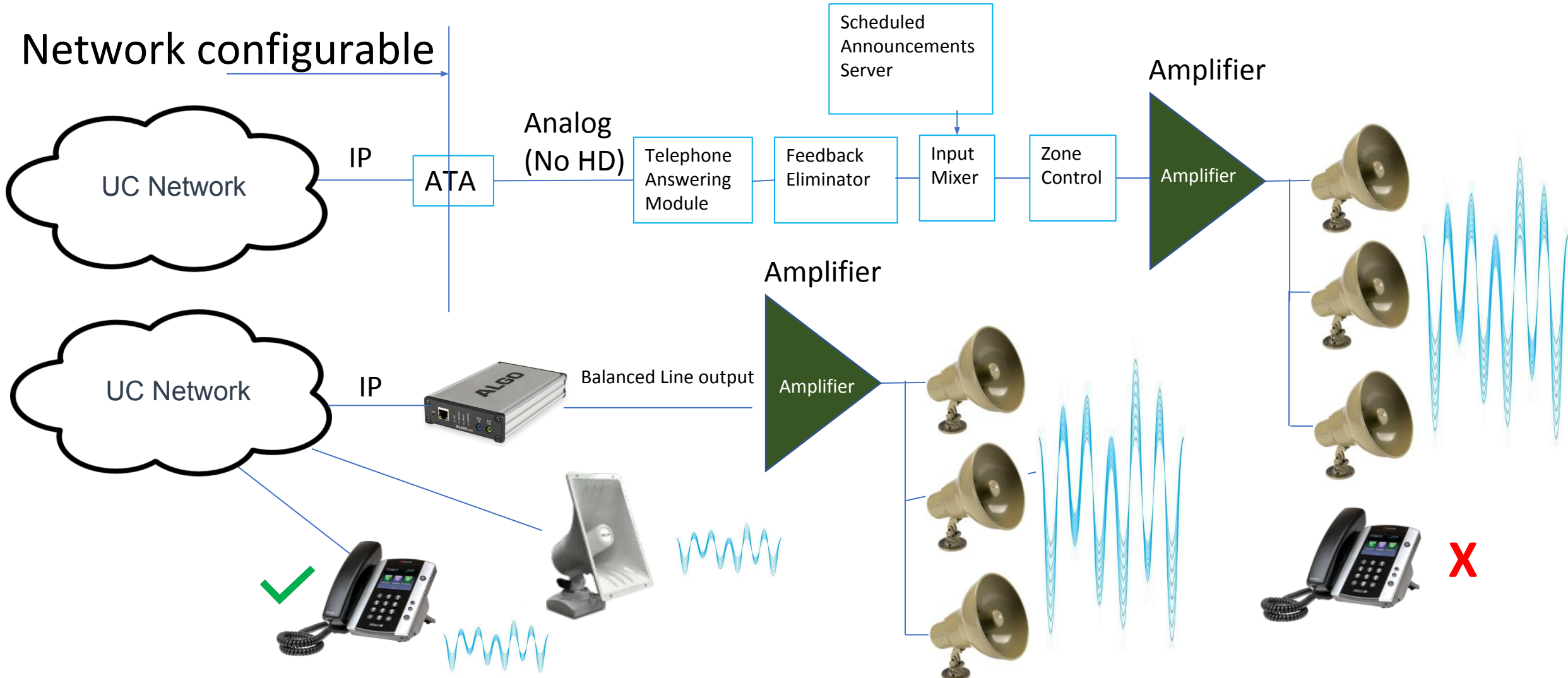


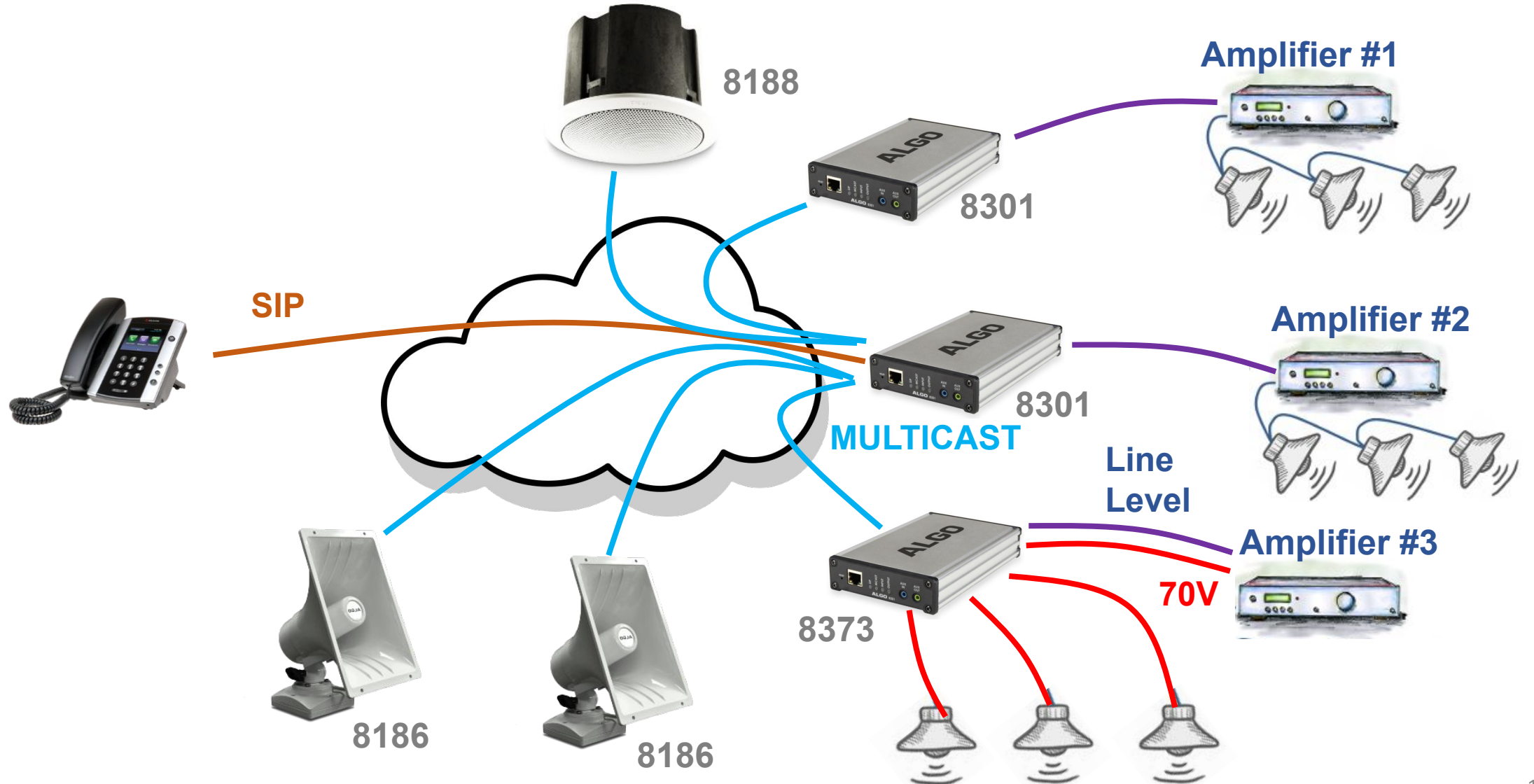
amplifier
output

High power audio from the amplifier

Multizone









- PoE SIP endpoint for visual alerting or notification
- Ring or page notification
- Multicast scalable
- Indicate emergency procedure in progress (e.g. Lock Down)



8128G2 Q3/Q4 2019

Upgraded processor

Firmware v1.7

TLS, SIPS, SRTP, Mutual Authentication

LLDP/CDP

25% Brighter than current 8128



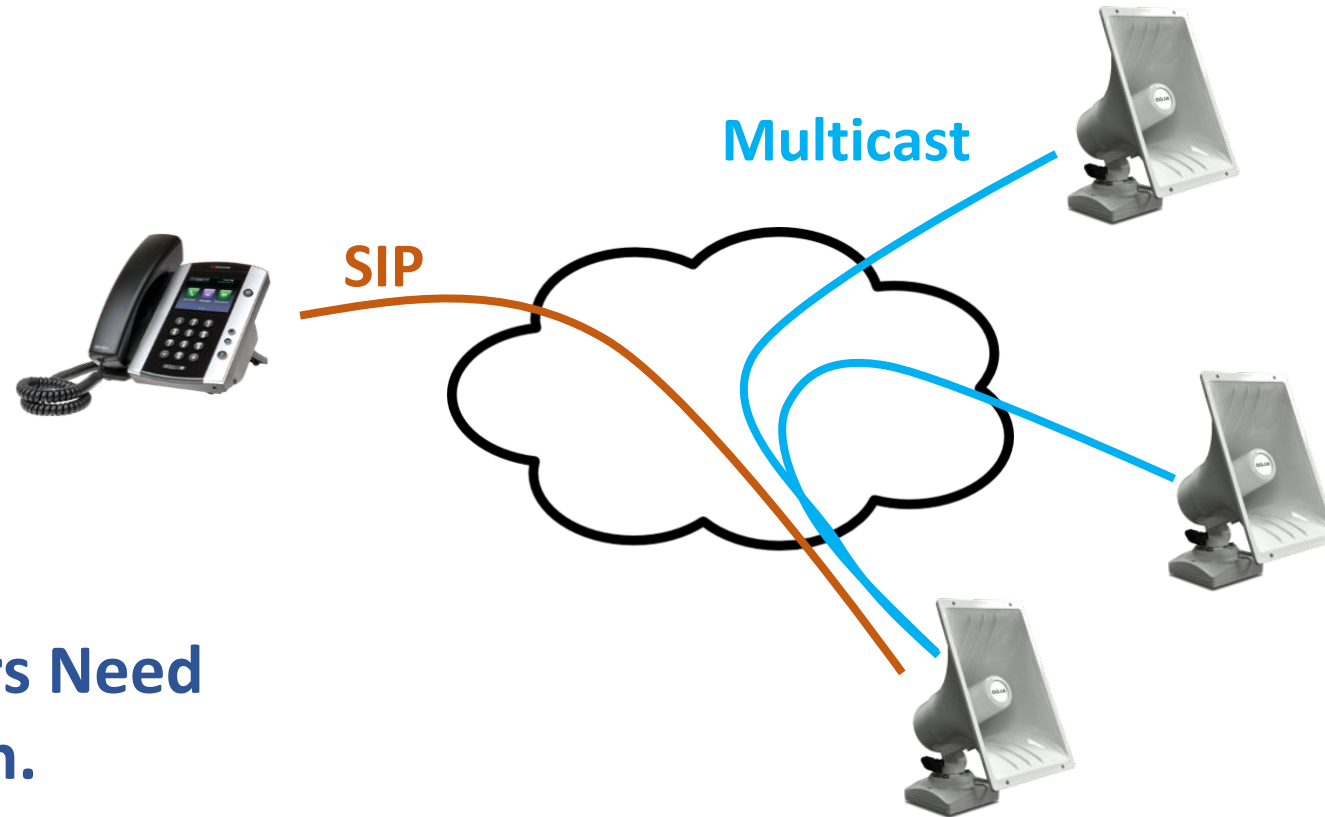
8138 Q3/Q4 2019

Same product as 8128

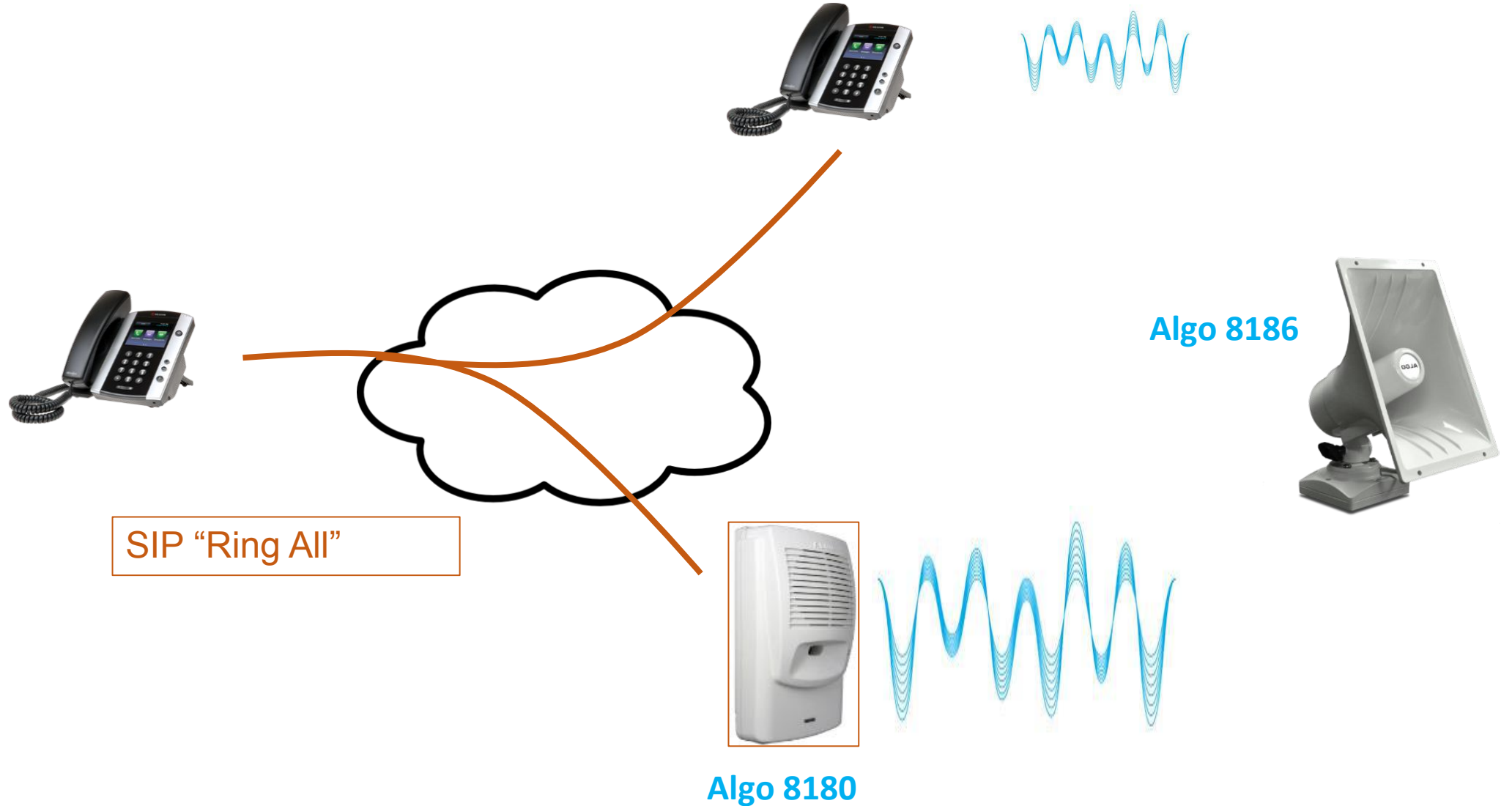
Equipped with amber, blue, red, and white LEDs

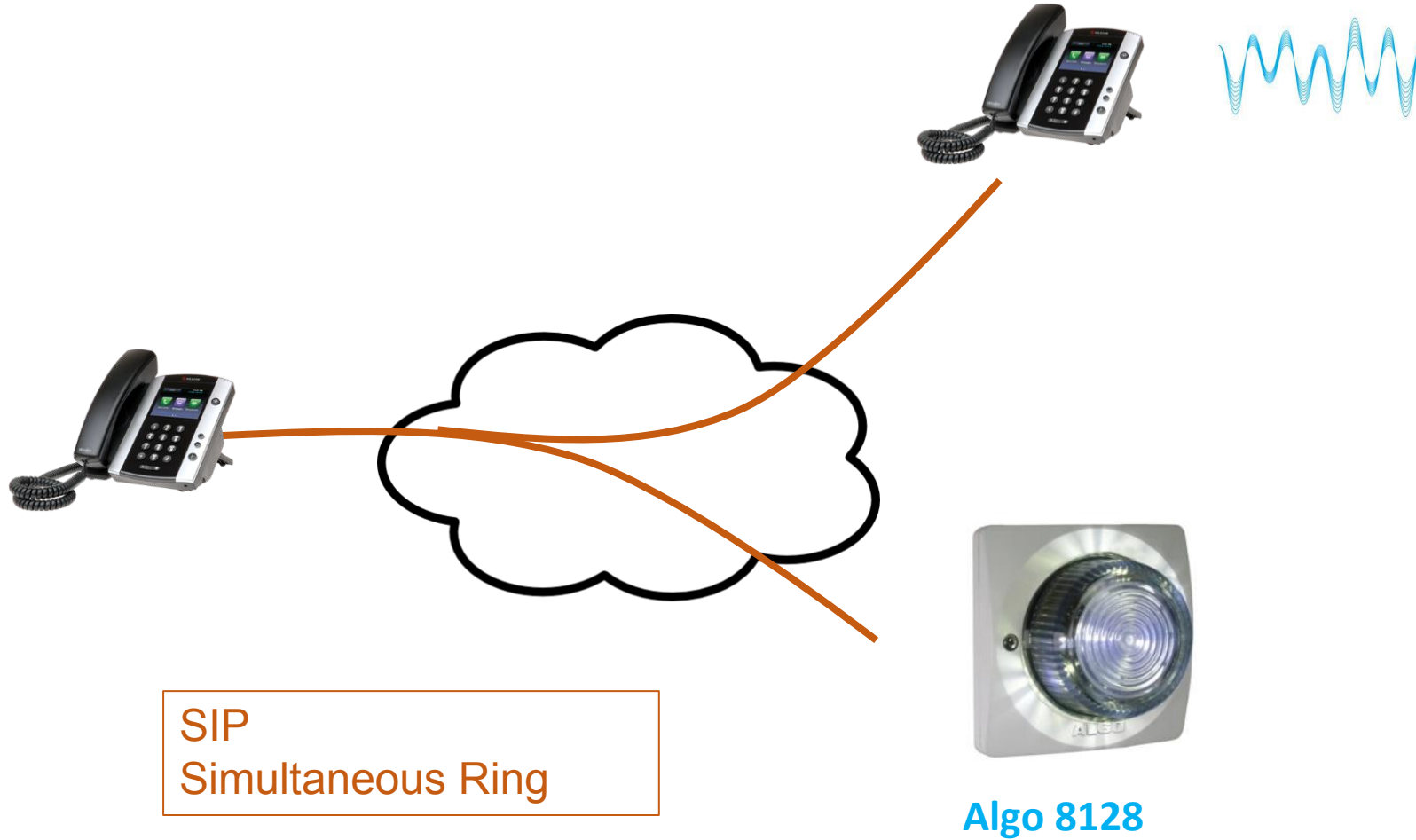
Or amber, blue, red, green?



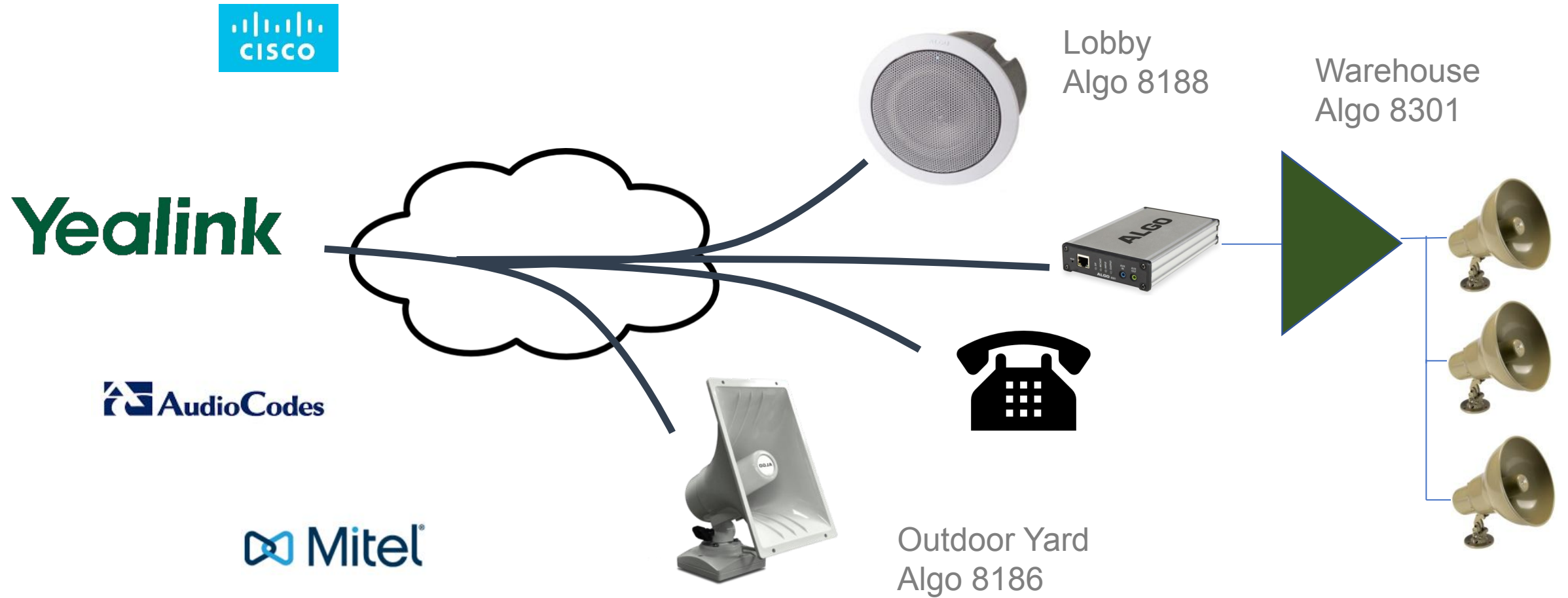


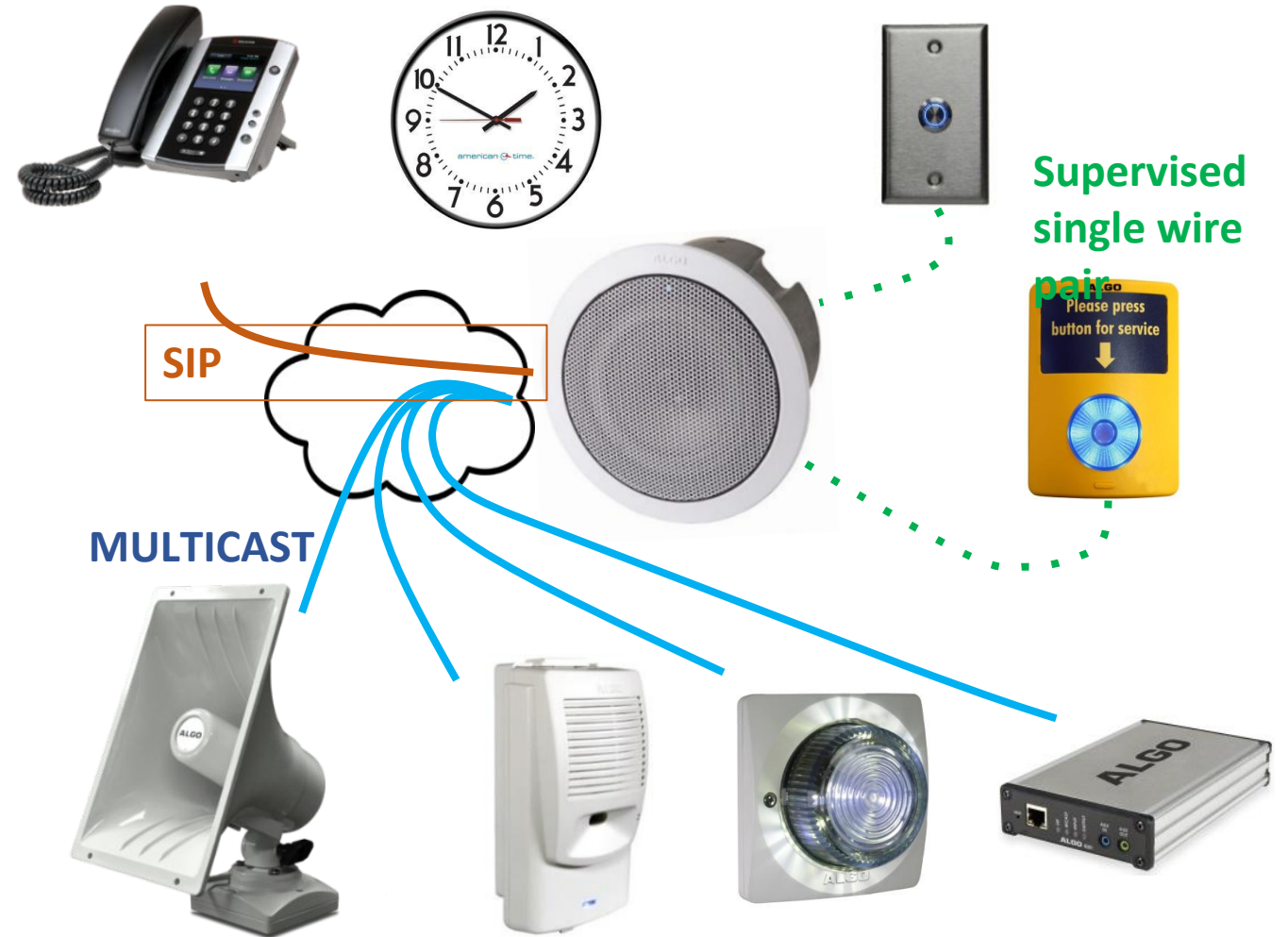
**Not all Speakers Need
SIP Registration.**

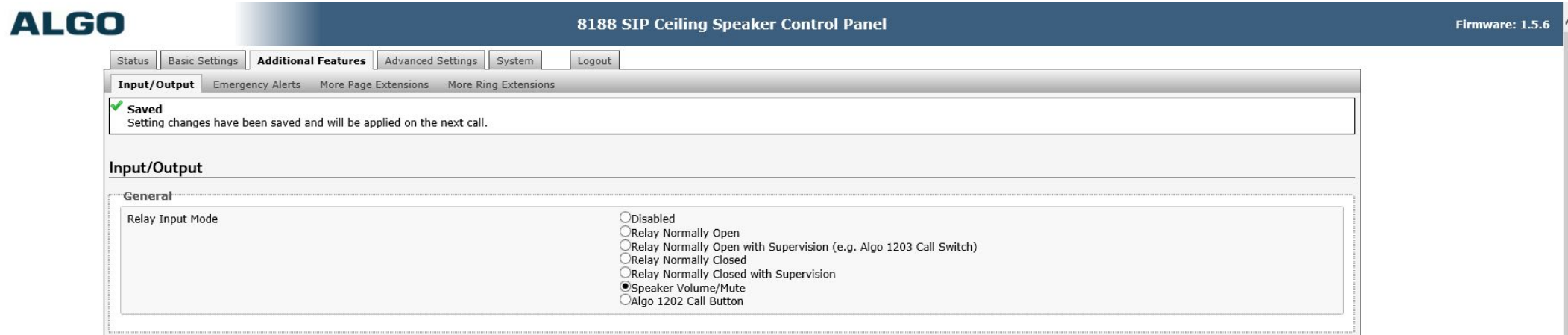












Note:

SIP registration required to BTC if action is to initiate a call

Relay Configuration Options:

- Speaker Mute
- Make a SIP Call with 2-way Audio
- Play a WAV File,
- Multicast an Alert
- Algo supervised buttons or generic switches that provide NO and NC

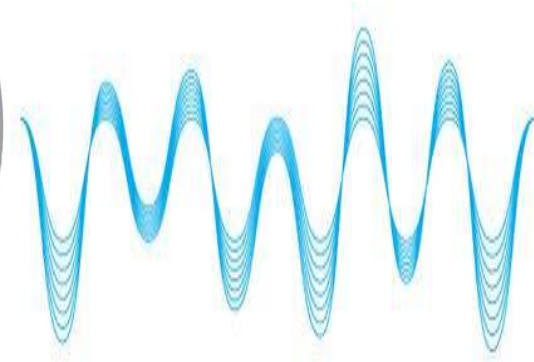
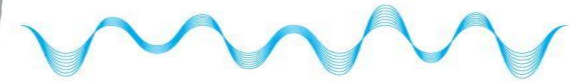


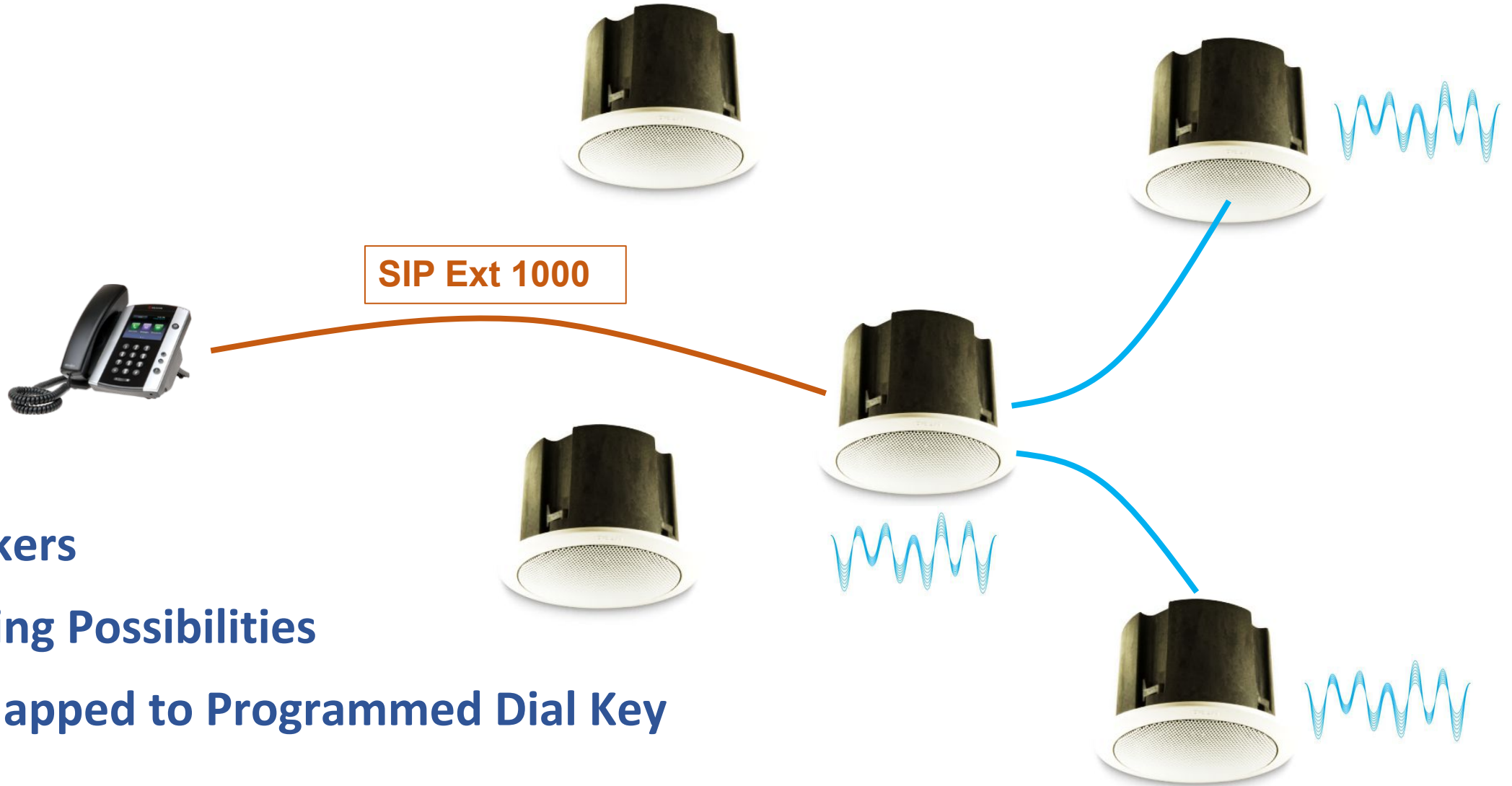
ALGO 8188 shown this example Supported devices

- 8189
- 8186
- 8301

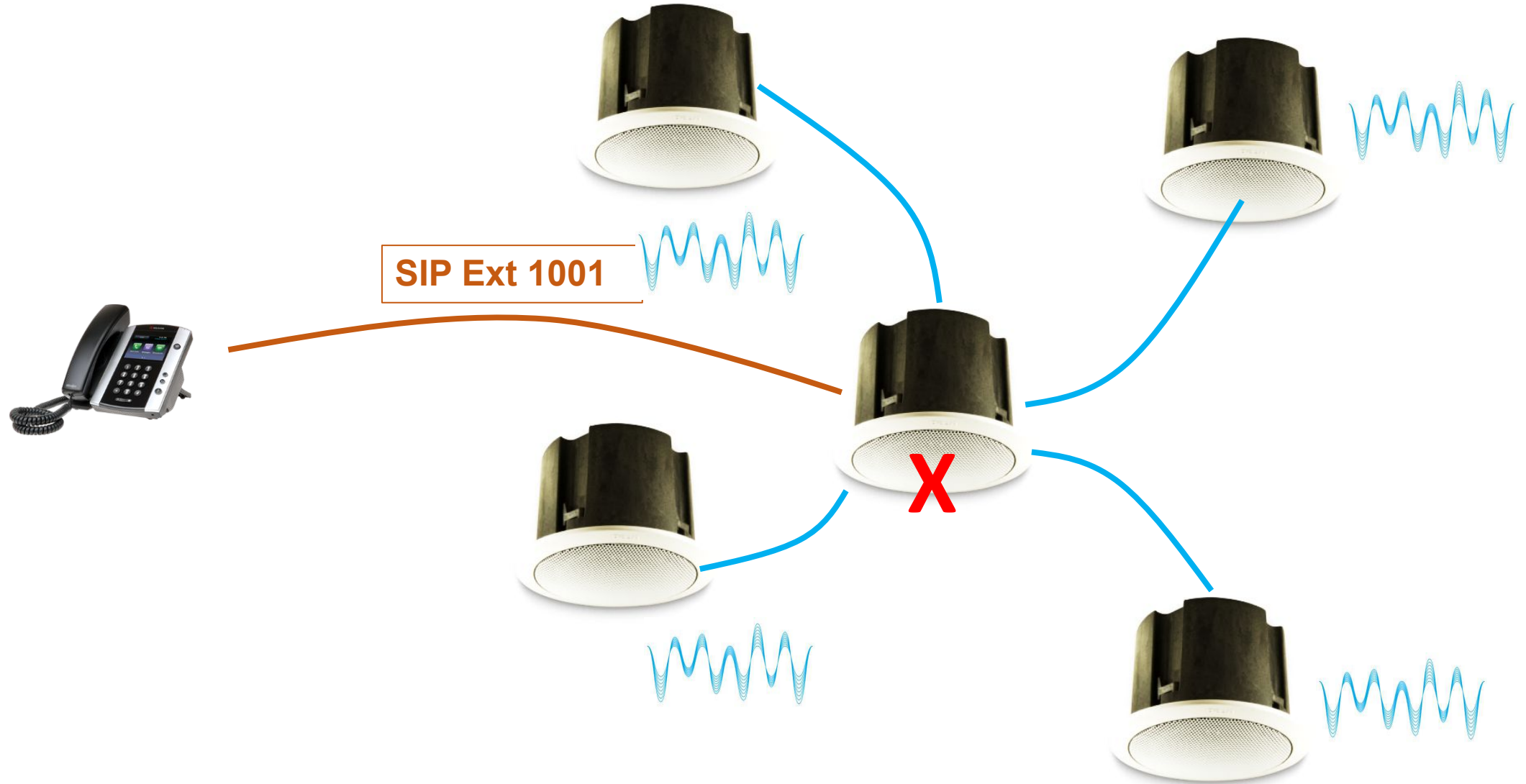


Microphone





- 5 Speakers
- 31 Zoning Possibilities
- Each Mapped to Programmed Dial Key





8201



8028

Video



8039

Video



8036

- PoE Intercom
- Commercial, Residential, Industrial
- Surface or Flush Mount
- Door Sensor Input
- Door Control Relay Output



8201

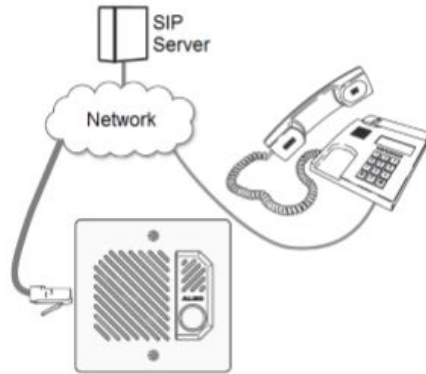
Simplicity

Getting Started - Quick Install & Test



This guide provides important safety information which should be read thoroughly before permanently installing the intercom.

1. Connect the 8201 SIP PoE Intercom to an IEEE 802.3af compliant PoE network switch. The blue call button on the front will turn on. After about 30 seconds, a beep will signal the completion of the boot process.
2. After the boot is complete, press the blue call button on the 8201 to hear the IP address. (Once the SIP Server field is populated in the 8201 web interface, the call button will contact the preconfigured extension when pressed.) The IP address may also be discovered by downloading the Algo locator tool to find Algo devices on your network: www.algosolutions.com/locator



3. Access the 8201 SIP PoE Intercom web page by entering the IP address into a browser (Chrome, IE, Firefox etc) and login using the default password **algo**.
4. Enter the IP address for the SIP server into the SIP Domain field under the **BASIC SETTINGS > SIP** tab.
5. Enter the SIP Extension, Authentication ID, and Password. Also enter the target Dialing Extension that the Intercom will call.
6. Press the call button on the 8201 Intercom, then answer the phone and communicate over the Intercom. Press the digit 6 on the phone keypad to activate the door control relay for three seconds (if applicable).

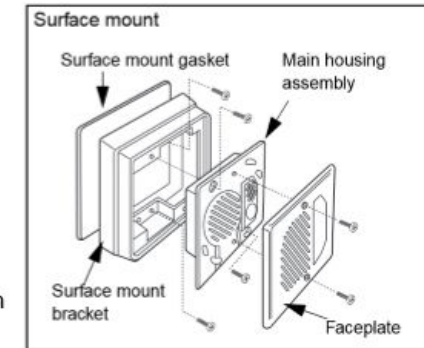
Installation

The 8201 SIP PoE Intercom is weather protected for outdoor installation. However if network cabling extends beyond the perimeter of the building then adequate lightning protection is required to protect the cabling and network switch from lightning surges. No lightning protection is required by UL or CSA if the 8201 SIP PoE Intercom is located on the outside wall of a building and the wiring is inside the perimeter of the building.

1. Remove the 8201 SIP PoE Intercom faceplate
2. Determine if you want a flush or surface mount installation

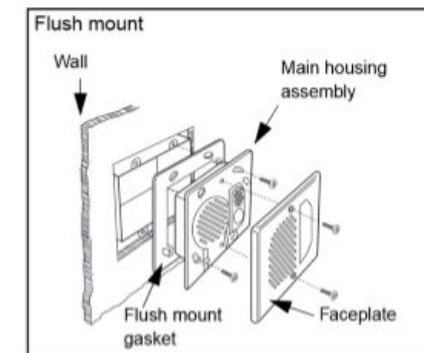
For surface mount:

- Discard the flush mount gasket.
- Verify the correct orientation of the surface mount gasket.
- Thread the wires through the center hole, then through the surface mount bracket.
- Fasten the surface mount bracket at the desired location on the wall

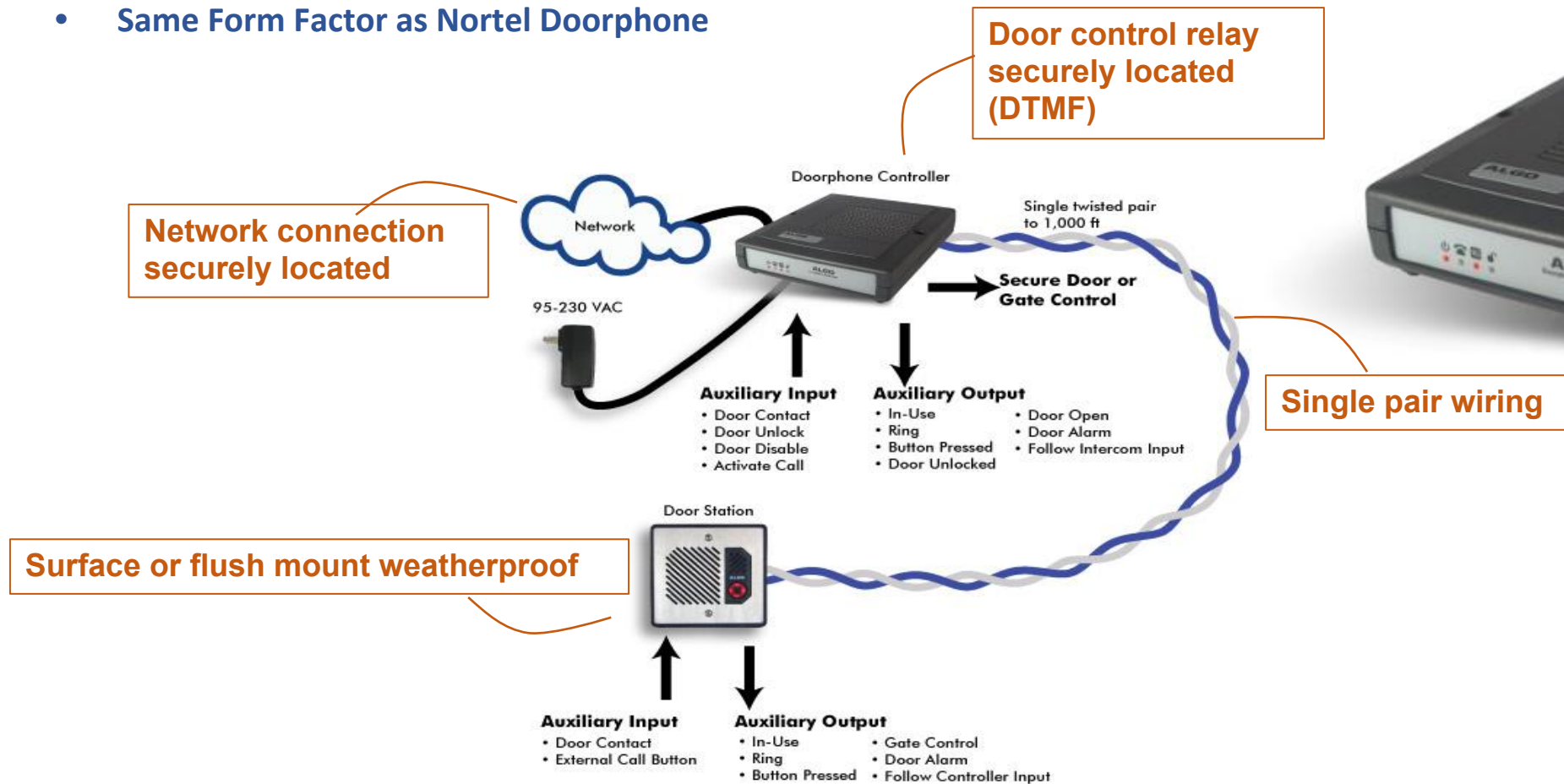


For flush mount:
(into an electrical box embedded in the wall)

- Discard the surface mount gasket and bracket.
- Slide the flush mount gasket onto the main housing assembly.



- Single Pair Wiring for Easy Retrofit of Legacy Intercoms
- Secure Door Control Relay (DTMF) via Separate Controller
- Surface or Flush mount
- Same Form Factor as Nortel Doorphone





8028G2 Q3/Q4 2019

Upgraded processor

Firmware v1.7

TLS, SIPS, SRTP, Mutual Authentication

LLDP/CDP

PoE/PoE+ or Mains power (lightning surge)

- Mullion Mount Form Factor
- 180 Degree H.264 Video
- Keypad Entry
- Embedded Attendant
- SIP PoE
- Web Video

Mullion Mounting



8039



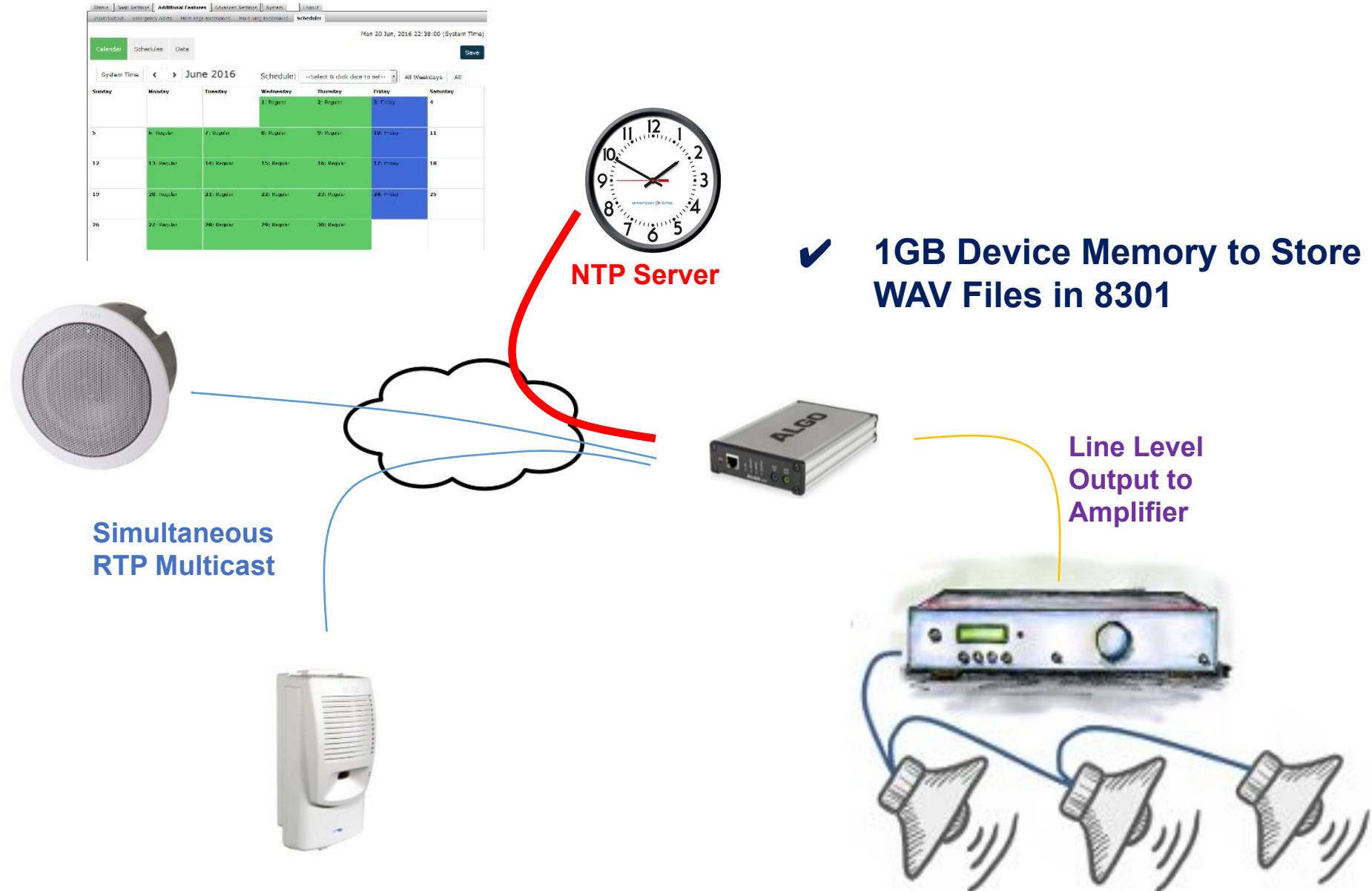
- Customizable Graphic Touch Display
- Remote Door Release Using Telephone, Device, or Client Keypad.
- One Way or Two Way Video
- Web Video

Unattended Lobbies



Customizable Touch Display

Use Cases



10 RING Ext. Available in Speakers & Adapters. WAV Files in Device Memory (1GB)



Emergency Notification – Push Button



- ✓ Relay Input from other systems: 8186/8188/8189/8301
 - Multicast
 - Call a Target Ext. & Play a WAV File
 - SIP Call to Target Ext. with Two-Way Audio via Speaker Microphone



ALGO

- Founded 1968
- Canadian Based in Vancouver BC
- 70+ Employees
- > 4 Million Devices Shipped
Algo and Nortel Branded



ALGO



**Algo Communication
Products Ltd.**
4500 Beedie Street
Burnaby, BC
Canada V5J 5L2

Scott Farrell
Strategic Accounts
US & Canada

(613) 266-8196
scottfarrell@algosolutions.com
www.algosolutions.com

Q & A

Scott Farrell
Strategic Accounts
(613) 266-8196

scottfarrell@algosolutions.com

ALGO

Brian Hyrek
Account Manager
(716) 531-4318
Bhyrek@VoIPSupply.com

