



# Ease of Remote Management with Algo Devices



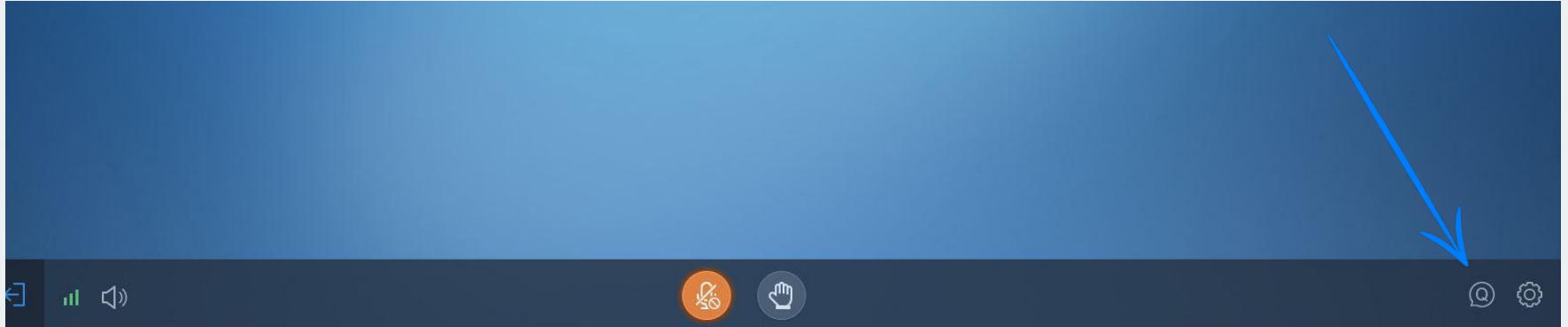
Let's Build a Strong Partnership

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Presented by:  
Scott Farrell &  
Brian Hyrek

**During the webinar please use the Q&A feature  
located in bottom right corner of your screen!**

**We will answer the questions at the end of the presentation  
Thank you!**



Let Us Fulfill Your Needs

# Reseller Benefits



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

# ALGO

# IP Paging | Alerting | Intercom



## Ease of Remote Management with Algo Devices May 2020



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## Agenda

**Solution Overview**

**Algo Control Panel**

**Device Monitoring**

**Product Updates**

**ALGO**

# Solution Overview

# ALGO



**Paging**

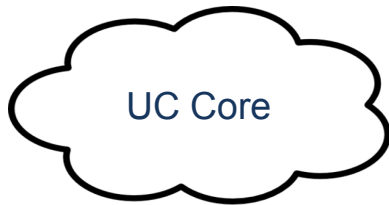


**Intercom**



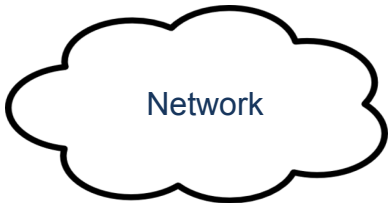
**Alerting**

## Solution overview



UC Core

Hosted or premise based



Network



**Monitor and Manage**



**Bell Scheduling & Music**



**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





**ALGO**

Control Panel

## Algo SIP endpoint Web Interface:

- Available on all IP Devices
- Enter IP address in browser
- Default Password is “algo”
- Default can be changed

## Device Status Page:

- Displayed and available before and after login
- Status Page can be disabled
- Quick checks
  - SIP Registration Status
  - Call Status
  - MAC Address
  - P Address
  - Multicast Mode
  - Relay status

## Initial troubleshooting and testing

### 8301 Paging Adapter & Scheduler Control Panel

Welcome to the Algo 8301 Paging Adapter & Scheduler Control Panel

Setting up your Paging Adapter & Scheduler:

**Step 1: Configure your Paging Adapter & Scheduler**

Login with the default password and use the Basic Settings pages to set up the basic information.

**Step 2: Check network settings (Optional)**

Use the Network page under the Advanced Settings tab to change network settings. The default setting for the device is to obtain its IP address from a DHCP server. Contact your Network System administrator if you plan to assign a static IP address, Mask, and Gateway to the device.

**Step 3: Secure your Paging Adapter & Scheduler (Optional)**

Use the Admin page under the Advanced Settings tab to change the administrator password.  
⚠ Changing the password is extremely important if the device is directly connected to a public network.

**Step 4: Register your Paging Adapter & Scheduler (Optional)**

Please register your product using the link below:  
<http://www.algosolutions.com/register>

Registration ensures your access to the latest upgrades to this product and important service notices.

Login

Password (default: algo)

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**Status**

Device Name	master-1		
SIP Registration	Page Call-to-cancel	Successful	(Extension 8301)
	Announcement #1	Successful	(Extension 8401)
	Announcement #2	Successful	(Extension 8402)
	Announcement #3	Successful	(Extension 8405)
Call Status	<b>8401: Active</b>		
Proxy Status	Single proxy mode		
Security	TLS	Disabled	
	SRTP	Disabled	
Provisioning Status	None found		
MAC	00:22:ee:09:29:48		
IP	192.168.2.189		
Netmask	255.255.255.0		
Gateway	192.168.2.1		
Date / Time	Sat May 9 08:08:05 EDT 2020		
Next Scheduled Event	No Events Scheduled		
Multicast Mode	<b>Master Mode. RTP transmit zone 9 active. Local audio enabled.</b>		
Volume	Page Volume: 5 (-15dB), Ring Volume: 5 (-15dB)		
Relay Input Status	Disabled		
Ambient Noise Detection	Remote: Failed, Invalid Address		



- PoE SIP endpoint for management of Algo endpoints
- Monitoring of Algo endpoints for in service
- Notifications via email, SIP call, audible alarm

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.

All  Online  Offline

IP ↑↓	MAC ↑↓	Product ↑↓	FW ↑↓	Name ↑↓	Status ↑
192.168.2.191	00:22:ee:12:00:8f	8180G2		sipalserter	<span style="background-color: #f44336; color: white; padding: 2px 5px;">Error</span> Unreachable
192.168.2.211	00:22:ee:03:41:1f	8028		doorphone	<span style="background-color: #ffc107; color: white; padding: 2px 5px;">Warning</span> SNMP Disabled
192.168.2.203	00:22:ee:1e:00:12	8190S		sipspkrclk	<span style="background-color: #ffc107; color: white; padding: 2px 5px;">Warning</span> SNMP Disabled
192.168.2.206	00:22:ee:07:2f:d0	8188	1.7.6	sipcelling	<span style="background-color: #4caf50; color: white; padding: 2px 5px;">Online</span>
192.168.2.207	00:22:ee:0b:01:15	8039	2.0.1	videodoorphone	<span style="background-color: #4caf50; color: white; padding: 2px 5px;">Online</span>
192.168.2.205	00:22:ee:0f:00:df	8138	4.4	sipstrobe	<span style="background-color: #4caf50; color: white; padding: 2px 5px;">Online</span>
192.168.2.189	00:22:ee:09:29:48	8301	1.7.6	master-1	<span style="background-color: #4caf50; color: white; padding: 2px 5px;">Online</span>

Status | **Dashboard** | Advanced Settings | System | Logout

Devices | Email Configurations | SIP | Audio Notifications

## Device Management

Devices

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

All    Online    Offline

Manually Add Device ▼
Add Selected

Managed Devices

Unmanaged Devices (4)

	IP ↑↓	MAC ↑↓	Product ↑↓	Name ↑↓	Add to Managed Devices
<input type="checkbox"/>	192.168.2.208	00:22:ee:0c:00:02	8201	sipintercom	<span style="background-color: #28a745; color: white; padding: 2px 5px; border-radius: 3px;">Add</span>
<input type="checkbox"/>	10.0.0.105	00:22:ee:05:01:94	8036	ipmi	<span style="background-color: #28a745; color: white; padding: 2px 5px; border-radius: 3px;">Add</span>
<input type="checkbox"/>	192.168.2.212	00:22:ee:09:49:67	8301	broadcast	<span style="background-color: #28a745; color: white; padding: 2px 5px; border-radius: 3px;">Add</span>
<input type="checkbox"/>	192.168.2.204	00:22:ee:12:45:70	8180G2	sipalerter	<span style="background-color: #28a745; color: white; padding: 2px 5px; border-radius: 3px;">Add</span>

### Monitor Settings

Monitor Interval  Apply

ⓘ Interval at which devices are queried for their status changes. Choosing a shorter interval will result in faster detection of offline devices but will increase network traffic.

### Email Configurations

#### Account

Email Account	<input type="text" value="scottfarrell@algosolutions.com"/> <small>Email can be the same as the recipient.</small>
Password	<input type="password" value="••••••••"/>
Outgoing Mail Server	<input type="text" value="secure.emailsrvr.com"/> <small>e.g. mainserver.example.net:port</small>
From	<input type="text" value="Scott's Algo Lab"/> <small>Descriptive name that will appear in email headings.</small>

#### Recipient

Recipient	<input type="text" value="scottfarrell@algosolutions.com"/> <input type="text" value="Test"/> <small>e.g. user@domain.com</small>
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Email Notifications can be sent when a device goes offline, when a device goes back online, and/or periodic heartbeat messages.

### Audio Notifications

#### Action When Device Offline

Action	<input type="radio"/> Play Tone <input checked="" type="radio"/> Make a SIP Call <small>*Play Tone* will play a sound on the Aux Out port or multicast if configured.</small>
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#### Call Settings

Dialing Extension	<input type="text" value="8197"/> <small>SIP account required in SIP User Settings fields in order to make a call.</small>
Tone	<input type="text" value="8300Lost_Contact.wav"/>
Outbound Ring Limit	<input type="text" value="No limit"/> <small>1 ring = 6 seconds</small>
Maximum Call Duration	<input type="text" value="1 minute"/>

The 8300 can be configured to dial an extension and play a pre-recorded message.

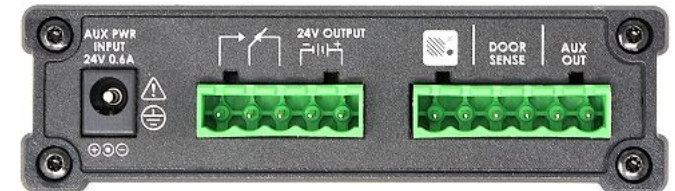
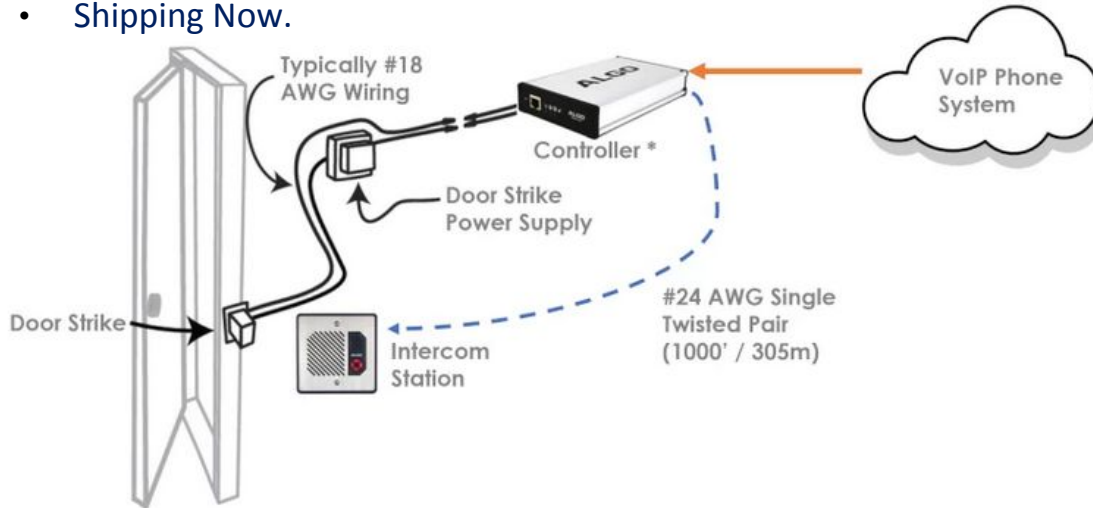
**ALGO**

Product Updates

# ALGO

## Algo 8028G2 SIP Doorphone

- Single pair wiring for easy retrofit of legacy intercoms.
- Secure SIP using TLS and SRTP.
- Secure door control relay (DTMF) via separate controller.
- Surface or flush mount.
- SIP PoE Doorphone (No mains power).
- Shipping Now.





- Multi-color IP strobe light for public address (PA) and alert notification.
- Secure SIP using TLS and SRTP.
- Multicast to scale from one to many synchronized strobes.
- Long-life LEDs.
- 360 x 180-degree visibility from a wall or ceiling mount location.
- 15 configurable flash patterns, each with three brightness levels.
- Amber, blue, green and red LED color options.
- Shipping Now.



### PoE+ Algo **8196**

- Single speaker at 16W
- Add satellite speakers for two at 8W each



Algo 8196



Algo 1196

New plastic enclosure



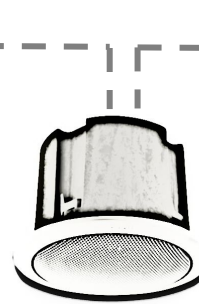
Algo 8199

### PoE+ Algo **8198 (Same for Algo 8199)**

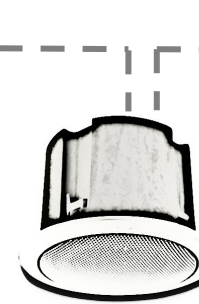
- Single speaker at 16W
- Add up to 3 supervised satellite speakers
- 2 at 8 W, 3 at 5 W, 4 at 4 W
- Daisy Chained
- 45 ft. quick connect cable with each satellite speaker



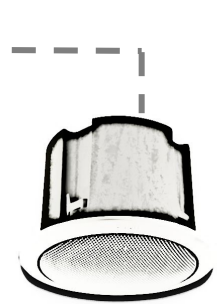
Algo 8198



Algo 1198



Algo 1198



Algo 1198

# ALGO

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



## ALGO

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# Q&A

