



# \*Evolution

# **Notification Platform**

Innovative notification software that connects systems, people and processes like never before!

Revolution is Syn-Apps' next generation industry-leading notification software. It breaks down communication barriers by uniting fragmented systems and processes into a centralized platform to help people communicate critical information more efficiently, safely, and reliably!

# Why Revolution

Revolution improves network-wide communication, security, emergency responsiveness, and productivity across your organization. With Revolution, organizations can facilitate enterprise-wide communication for virtually any communication need - including real-time and automated notifications for emergency alerts, mass notification, and facility-wide paging.

As the most scalable and featurerich notification solution on the market, Revolution integrates with a number of IP-based endpoints and communication systems, enabling rapid alerting to inform and protect people located on- or off-premise.

### Connect & Communicate With:

- IP Phones
- IP Speakers, Clocks, & Bells
- Syn-Apps Paging Relay's
- Beacons & Strobes
- Contact Closures (Buttons, Sensors, GPIOs)
- iOS & Android Mobile Devices
- SMS Messaging Services
- Digital Signs & LED Marquees
- Mass Outbound Dialing Services
- Windows & Mac Computers
- E-mail Clients
- Legacy Analog Systems











# **Notification Solutions Made for People**

Technology should be the solution to overcome communication challenges, not the limitation itself.

Revolution drives people to communicate faster and more efficiently.

# Benefits of Revolution

# **Future-Proof Your Technology Investments**

Revolution is "platform agnostic", meaning it's designed to interoperate and unify existing onprem or hosted communication systems to ensure the longevity of your technology investments. Revolution adapts with your organization's evolving needs. If you switch to another manufacturer in the future, your notification system can adapt with you - eliminating switching costs.

### **Streamlined Communication**

Simultaneously send notifications to designated systems and endpoints helps optimize communication processes, improve system management, accelerate incident response time and improve safety.

#### Simplest User Experience

Transforms complex customer requirements into a comprehensive solution offering the simplest user experience. It's responsive and digestible user interface is easy to install, integrate, manage, and operate from desktops or mobile devices.

### **Controlled Access**

Define how users interact with Revolution by assigning different user roles (Admin, Editor, Sender, & Viewer). Admins can assign users to specific Sites to restrict access to notifications relevant to the user's location.

#### **Real-Time Insight**

Monitor system health and notification status with Revolution's native reporting tool. IT & decision makers can quickly assess if and where obstacles occur – accelerating response time and improving communication. Users can also respond to alerts using softkeys on supported IP phones.

# **Simple Organization**

Group contacts & endpoints using tags. Choose from Dynamic, System, Contacts, or create custom User Tags.

### Real-Time Alerts - Any Time, Anywhere

- Send media-rich push notifications directly to recipients fingertips using Revolution Mobile Client for iOS & Android. Users can also create multiple geofences to send targeted alerts based on a recipients physical location.
- Integrate your preferred SMS service to alert people via traditional text messages
- Send notifications to e-mail clients
- Connect with mass outbound dialer services to inform people via automated phone calls

#### **Automated & Scheduled Notifications**

- Prepare for unpredictable situations with automatic alerts recevied from external sources. Integrate NWS, IPAWS EAS, AMBER Alert, & other CAP-enabled feeds.
- Schedule notifications in advance to save time and hassle. Revolution's Scheduler tool is ideal for bells, reminders, and drills. Create multiple calendars for different notifications, zones, etc.

# Intelligible TTS (Text-to-Speech) Alerts

Multilingual text-to-speech engine translates dynamic text into intelligible audio broadcasts. TTS alerts are ideal for situations where message details frequently change - like inclement weather alerts or government-issued alerts.

#### **Flexible Notification Activation**

Rapidly informing people should be a simple and secure process. Revolution was designed to trigger notifications using a variety of ways:

- 1:1 Designate a specific trigger action to activate a single notification
- M:1 Define multiple trigger actions to activate one notification
- M:M Assign multiple triggers to different notifications, and any trigger will simultaneously activate each notification it's associated to









# Revolution Technical Specs

# **Hardware Requirements**

**Supported Servers - Windows 2012 / 2012 R2 / 2016** 

Minimum Server Requirements:

- System Memory 4 GB
- Disk Space 10 GB above any OS requirement
- Dual Core Processor

#### **Supported Virtual Machines**

- VMWare ESXi 5.5
- Microsoft HyperV 2012

#### **Supported Phone Systems**

Compatible with most On-Prem & Hosted SIP-compliant PBX Systems\*

- Avaya Aura v. 6.x and newer
- Avaya IP Office v. 9.x and newer
- Cisco CUCM v. 8.x 12.x
- BroadSoft BroadWorks®
- Mitel Connect v. 1.0 and above (on-prem or hybrid)
- ShoreTel Director® v. 12-14
- Microsoft Skype for Business

**Supported Phones -** Compatible with most SIP-compliant phones

# **System Requirements**

Supported Audio Codec - G.711

Supported Networks - Unicast or Multicast

#### **Database Requirements**

- Microsoft SQL 2014 on Windows 2012, 2012 R2, and 2016
- Microsoft .NET 4.5.2 or newer

# **Supported Integrations**

#### **Certified IP Hardware Manufacturers**

- Syn-Apps' Paging Relay
- Algo
- Advanced Micro Systems
- Advanced Network Devices (AND)
- Atlas IED
- Valcom

Compare certified endpoints here.

# **Compatible Hardware**

 Other IP hardware devices and systems that support static streams (analog systems, legacy PA systems, beacons, etc.)

# **Additional Compatibility**

- Most IP devices that support multicast
- Revolution Mobile Client for iOS & Android
- Revolution Desktop Client for PC & Mac OS
- External MRCP Text-to-Speech Engines
- SMS Services via Twilio, ShoreTel, or Clickatell
- Outbound Mass Dialing via Twilio
- Digital Signage via CAP Notifier
- LED Signs via IP Device Notifier
- Receive automatic alerts from NWS, IPAWS EAS, AMBER Alert, & other CAP v. 1.2 feeds OR send Revolution notifications to supported CAPenabled feeds (i.e. digital signs).



# **Why Choose Us**

Syn-Apps is an industry pioneer in IP notification solutions. Our technology improves communication processes, increases safety, and streamlines internal and external communication across disparate systems.

Since 2001, thousands of organizations have future-proofed their technology investments by integrating our notification software and hardware products with phones, paging systems, IP speakers, and hundreds of other systems and services.









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# Revolution Workflow

STEP 1

Define your communication method for each scenario



STEP 2

#### STEP 3

Define which endpoints to send your notification to





# **NOTIFICATION TYPES**

# **AUDIBLE NOTIFICATIONS**

# **Stored Audio**

Stored Tones

Pre-Recorded Audio

# **Intelligent Audio**

Text-to-Speech

# **One-Way Live Broadcasts**

# **Two-Way Intercom**

Phone-to-Speaker

Speaker-to-Speaker

# **Direct Two-Way Intercom**

Speaker-to-Speaker

Speaker-to-Phone

# VISUAL NOTIFICATIONS

Text

**Images** 



# **ACTIVATORS**

# **MANUAL TRIGGERS**

# **Dialing SIP Lines** Revolution Mobile Client

iOS

Android

#### **IP Devices**

Syn-Apps Paging Relay **GPIOs** 

# Revolution Web Interface

# **AUTOMATIC TRIGGERS**

# **CAP Alerts**

NWS Weather Alerts AMBER Alerts IPAWS EAS Alerts CAP Feeds

# Scheduled Events

Bells

Routine Alerts

# **Activation API**

**Status Activator** 

**SNMP Trap Activator** 

3<sup>rd</sup> Party Application Triggers

# **NOTIFIERS**

# **ON-PREMISE**

# **SIP Endpoints**

IP Phones

# **IP Devices**

Syn-Apps Paging Relay **GPIOs** 

IP Speakers Clocks & Bells

Strobes & Beacons

Desktop Clients

# **CAP Feeds**

# **Static Streams**

Legacy devices (speakers, beacons, cloud-based phones)

# **OFF-PREMISE**

# **Revolution Mobile Client**

iOS

Android

# **SMS Services**

Clickatell Mitel Connect

Twilio

# **Email Clients**

**Mass Outbound Dialer** 





