Revolution

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!
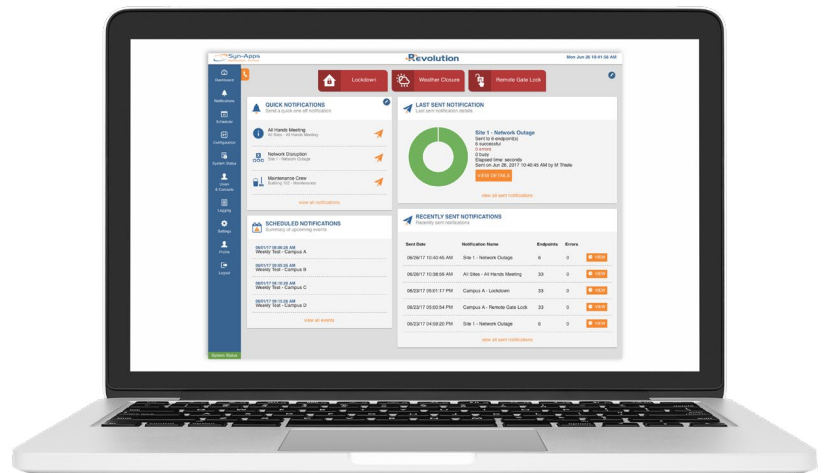
Why Revolution

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 feature-rich 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
- 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

INTEGRATE   COMMUNICATE   PROTECT

DATASHEET

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

Rɛvolution drives people to communicate faster and more efficiently.

Benefits of Rɛvolution

DATASHEET

Future-Proof Your Technology Investments
Rɛvolution is "platform agnostic", meaning it's designed to interoperate and unify existing on-prem or hosted communication systems to ensure the longevity of your technology investments. Rɛvolution 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
Transform complex customer requirements into a comprehensive solution offering the simplest user experience. Rɛvolution'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 Rɛvolution 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 Rɛvolution's reporting tool, giving IT & decision makers the ability to quickly assess a situation and see where obstacles occur. Users can also respond to alerts using soft keys on supported IP phones.

Simple Organization with Tags
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 mobile devices using the Rɛvolution Mobile Client app 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 received from external sources. Integrate NWS, IPAWS EAS, AMBER Alert, & other CAP-enabled feeds.
- Schedule notifications in advance to save time and hassle with Rɛvolution's Scheduling Wizard is ideal for bells, reminders, and drills. Create multiple calendars for different notifications sites, 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. Rɛvolution 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

Hardware Requirements

Supported Servers - Windows 2012 / 2012 R2 / 2016 / 2019

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 and above
- Microsoft HyperV 2012 and above

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
- Cisco 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 2016 on supported Windows OS
- 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
- Barix
- 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

- Compatible with most IP devices that support multicast
- Dial Monitoring (i.e. calls to 911)
- 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
- Subscribe to receive alerts from NWS, IPAWS EAS, AMBER Alerts.

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.

REQUEST A FREE TRIAL

Contact us to learn more about our award-winning software or hardware solutions for mass notification, emergency alerting, and routine paging.

DATASHEET

STEP 1
Define your communication method for each scenario

STEP 2
Define how your notification should be initiated

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
Answer
Push-to-Talk
Automatic Conference

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
Dial Monitoring
CAP Alerts
NWS Weather Alerts
AMBER Alerts
IPAWS EAS Alerts
CAP Feeds
Scheduled Events
Bells & Routine Alerts
Activation API
Email Activator
Status Activator
SNMP Trap Activator
Static Streams
3rd 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 Summit
Twilio
Email Clients
Mass Outbound Dialer
Webhook Notifier

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