

BOGEN®

POWERFUL CAPABILITIES OF ROUTINES & THE ROUTINES API APPLICATION OVERVIEW

NYQUIST™
IP-BASED PAGING

Increased Functional Flexibility



Enhanced Incident Response



Customized Scenarios



Enhanced 3rd Party Integrations



Nyquist Routines API

Continuous improvements to Bogen's Nyquist software has allowed it to become the leading solution in the IP-based intercom and paging market.

One of the key features included with the Nyquist platform are the Routines API. These are powerful user—definable routines that can automatically launch a procedure, or sequence of actions that the Nyquist system executes in response to a defined “trigger” event.

Bogen has significantly enhanced the Routines API feature by adding many new event triggers and actions, increasing its flexibility through the incorporation of variable parameters, and making it much more secure by using encryption, SSL certificates and strong bearer keys

What Is A Routine & How Does It Work?

A Routine is a “**scriptable**” set of triggers and actions. A routine automatically launches a sequence of user defined actions that the Nyquist system executes in response to a prescribed “trigger” event or API call. Any designated Nyquist system event(s) can also trigger a custom list of actions.

Routines can support a facility's crisis plan for situations such as:

- ✓ Building Lockdowns
- ✓ Weather Events
- ✓ Emergency Evacuations

TRIGGERS MAY INCLUDE:

- ✓ A manual activation
- ✓ Time-based (generated by a scheduled event)
- ✓ Incoming call from a defined extension
- ✓ I/O Controller input or system event
- ✓ Dashboard command
- ✓ Contact closures
- ✓ Third-party alert via an API call

TYPICAL ROUTINE ACTIONS MIGHT INCLUDE:

- ✓ Play one or more pre-recorded or TTS-based emergency announcements
- ✓ Display instructions on [NQ-GA10PV](#) driven monitors
- ✓ Send a contact closure to access control for door lock control
- ✓ Close I/O Controller output contacts to trigger actions in 3rd-party systems
- ✓ Initiate the emergency check-in process
- ✓ Text or email a crisis response team
- ✓ “Call and Announce” to 911 or another emergency phone
- ✓ Send notifications to law enforcement via email or prerecorded phone call (Call & Announce)
- ✓ Send JSON data to integrated third-party applications

Name	Extension	Enabled	Use Caller's Extension	Allow OTP (911 Calls)	Allow Multiple	Description
Check-in Automation	500	Enabled	Enabled	Disabled	Enabled	Show
Announcement started	500	Enabled	Enabled	Disabled	Enabled	Show
Add to vacancy	500	Enabled	Enabled	Disabled	Enabled	Show
Wall Display	500	Enabled	Enabled	Disabled	Enabled	Show

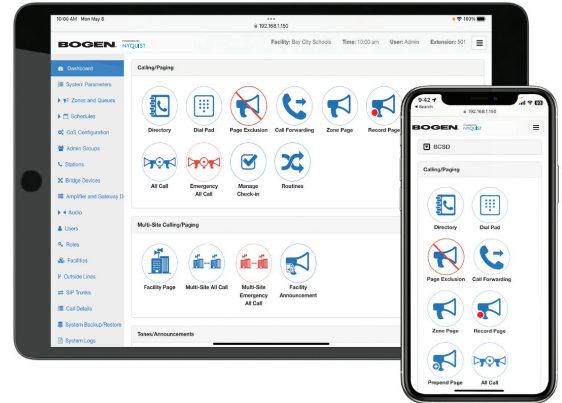
The Power Of Bogen's Routines API

An API, or Application Programming Interface, is a set of protocols and tools that allow different software applications to communicate and interact with each other, thereby facilitating more powerful third-party integrations.

The Routines API is a secure HTTP-based interface accessible to any client capable of making a web request. Routines can be launched using a cURL command, Nyquist dashboard, or custom script executed by a 3rd-party application. There is no limit on the number of different third-party systems that can simultaneously access the Routines API.

The Routines API enables businesses to create seamless interactions by integrating third-party services and data, for example, **a gun detection event with location or a panic button activation with location.**

This can lead to faster incident response times, event specific alerts, and an overall safer environment.



INCREASED FUNCTIONAL FLEXIBILITY

Bogen's Routines API is ideal for businesses looking to add **new functionality, services and integrations** without disrupting existing operations.

ROUTINES API FOR THIRD-PARTY PARTNER INTEGRATIONS

The strength of our solution can be increased even further in tight combination with other key systems and technology already prevalent or gaining attention in the market.

Through Routines API, Bogen's technology partnerships enhance and expand the functionality of Nyquist systems.

These integration capabilities include:

- ✓ Gunshot & Weapon Detection
- ✓ Earthquake Early Warning
- ✓ Classroom Sound Reinforcement
- ✓ Multi-Channel Mass Notification
- ✓ Vape Detection & Air Quality Index



Bogen Strategic Partnerships Provide Additional Capabilities To Meet Emerging Market And Collaboration Needs



WANT TO LEARN MORE?



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