C4000 SERIES NYQUIST

POWERED BY

SOFTWARE UPDATE SUBSCRIPTIONS

The **Bogen C4000 Series** is a software-based solution for commercial paging and audio distribution applications that can be scaled to support a virtually unlimited number of audio sources, endpoints, and zones. System features, software platform, and configuration can be easily upgraded over time to address ever-changing customer needs, environments, and technology. Bogen's Nyquist team is continually innovating new features, appliances, and security enhancements to the C4000 solution. As such, a three (3) year subscription to all applicable product software updates is included with the purchase of a Nyquist C4000 system ("C4000"), with subsequent three year Software Update Subscription (SUS) extensions available. **For more information visit:** http://www.bogen-ip.com/c4000-sus/

Benefits of C4000 Software Update Subscription (SUS) Plans

1. **Access to Powerful New Features.** Each new release provides users with new feature capabilities that not only enhance the power and performance of the system, but also help protect against technical obsolescence.
2. **Bug Fixes.** These help to ensure that your system is operating at peak performance 24/7–especially during emergencies.
3. **New Device Support.** This allows users to deploy the newest Nyquist appliances to further expand their system's functionality.
4. **Important Security Updates.** Maintaining system security is important - especially in a networked environment, where staying on top of security updates helps prevent hacking, viruses, and malware.
5. **Avoid Lapsed Coverage ("Catch-up") Fees.** Avert expired subscriptions when updating your system becomes imperative due to evolving school safety initiatives.

NYQUIST C4000 INNOVATION TIMELINE

NYQUIST C4000 Software Versions and Release Dates

Version **1.0** Dec. 2018
Version **2.0** June 2019
Version **3.0** Feb. 2021
Version **4.0** Dec. 2021

1.0 FEATURE HIGHLIGHTS

- **Highly scalable** so that users can easily add features, stations, and facilities with virtually unlimited scalability
- **Wizard-based System Setup and Configuration** for deploying systems using the Nyquist System Controller
- **Support** for a wide selection of PoE-based Nyquist VoIP speakers, VoIP modules and I/O controllers, 2-Ch. and 4-Ch. Networked Audio Power Amplifiers, along with a 4-Channel Matrix Mixer Pre-Amp
- **Pro-Audio Digital Signal Processing (DSP)** embedded in all Nyquist Networked Audio Power Amplifiers, as well as the Matrix Mixer Pre-Amp
- **Map-based Paging and Intercom User Interface** with hierarchical drill-down views
- **Text-to-Speech** announcements to aid in communicating prescripted instructions or procedures
- **Station and Appliance Supervision** with email notifications and dashboard alerts
- **User-definable Routines** that allow automatic launching of a procedure–or sequence of actions based on a wide variety of triggers to help businesses address: Facility Lockdowns, Severe Weather Events, Fire Drills, Evacuation Procedures, Automated Notifications

2.0 FEATURE HIGHLIGHTS

- **Emergency Location Check-In** with map-based audio/video room monitoring
- **Combo Clock/Messaging Display** creates different priority messages that will display on HDMI-capable monitors/TVs connected to NQ-GA10PV appliances in a selected zone, multiple zones, or to specific NQ-GA10PV stations
- **Alerts Functionality** that displays both weather and non-weather-related Emergency Alert System events from the National Weather Service on video displays connected to NQ-GA10PVs
- **Enhanced SIP Trunk Management,** including expanded IP-PBX connection access
- **Automated System Software/Firmware** checking and download
- **Support for new Nyquist NQ-GA20P2 Plenum-rated 20-watt Integrated Amplifier Module,** which provides contractors unparalleled flexibility and versatility to help simplify site design
- **Support for new Nyquist Single Channel Networked Public Address Mixer/Amplifiers** with three different power models (NQ-PA120/240/600)
- **Emergency Check-In** allows staff and employees to report their check-in status from their offices/work areas during an emergency

3.0 FEATURE HIGHLIGHTS

- **Enterprise-Wide Schedule Management** from a single interface allows administrators to remotely control what bell/event schedule is running at any facility throughout their network
- **Multi-Facility Paging/Announcements** enables live or prerecorded communications across an entire enterprise for emergency or standard messaging
- **Automatic Failover Capability** (Server) reduces the loss-of-communications risk due to a single point-of-failure
- **Enhanced Routines/Routines API** includes the addition of many new event triggers and actions, in addition to enhanced security via encryption, SSL certificates and strong API keys
- **Display Graphic Images on GA10PV Displays** adds the ability to combine graphic images with text to improve the system's visual messaging capability
- **Tablet Based Zone Volume and Audio Distribution Control** provides users the ability to easily control zone volume and audio distributions to one or more zones via a simple-to-use dashboard that has been optimized for use with a tablet screen
- **Enhanced Pro-Audio Digital Signal Processing (DSP)** embedded in all Nyquist Networked Audio Power Amplifiers, Public Address Mixer/Amplifiers, as well as the Matrix Mixer Pre-Amp

4.0 FEATURE HIGHLIGHTS

- **72-Hour Backup Tone Schedule** activated upon Nyquist server failure or Network failure
- **Backup Paging** via the Nyquist T1100 Admin Phones upon Nyquist server failure
- **Intercom Calls** now have the ability to route to PBX-based Admin Extensions via a SIP Trunk
- **Volume Level** changes can now be scheduled via Routines
- **Microsoft Edge** browser is now supported by the Nyquist Web Interface
- **Routine Actions** can now be Conditionally executed based on user-supplied Conditional specification.
- **National Weather Service (NWS)** alerts can now be announced to specified Zones, and the alert text can now be displayed via both the Nyquist Dashboard and NQ-T1100 Admin Phones.

BOGEN.

Tel.: 1-800-999-2809
www.bogen.com

POWERED BY NYQUIST The C4000 Series is built upon Bogen's award-winning Nyquist software-based IP communications platform, which provides users with unparalleled flexibility and scalability, whatever their application.