Nyquist C4000 and E7000 Server Software 11.0.0.652 and Firmware 11.0.630 Release Notes

Nyquist Server Software: C4000 and E7000 11.0.0.652

Note: The C4000 Software Version numbering is moving from 7.0 to 11.0 for release management purposes. There is no C4000 Software Version 8.0, 9.0 or 10.0.

Nyquist Firmware Software: 11.0.630

Note: The Nyquist Firmware Version numbering is moving from 5.x.x to 11.x.x to align with Nyquist Server software version numbering. There is no Nyquist Firmware Version 6.0, 7.0, 8.0, 9.0 or 10.0.

Special Notice: The NQ-DSC01 Display firmware needs to be updated as a part of the installation process. This update is automatic after you configure it as a station. Make sure to wait at least 10 minutes after you have configured it as a station before power cycling or rebooting it. This will ensure that the firmware for the device and the displays have updated properly.

Updating your Nyquist System to this new release

If you are updating a Nyquist System Controller (NQ-SYSCTRL) that is currently running Release C4000 7.0.0/7.0.1 or E7000 10.0.0/10.0.1, follow the instructions in the section entitled "Updating Nyquist System Controller from Release C4000 7.0.0/7.0.1 or E7000 10.0.0/10.0.1".

If you are updating a Nyquist System Controller that is currently running C4000 Release 6.0.0 or E7000 9.0.0, follow the instructions in the section entitled "Updating Nyquist System Controller from Release C4000 6.0.0 or E7000 9.0.0".

For E7000: If you are updating a Nyquist System Controller that is currently running a Release prior to Release 9.0.0, you must first update the Nyquist System Controller to Release 9.0.0 before proceeding with this software update. The only releases that can be updated to 9.0.0 are Releases 6.0.0, 7.0.0, and 8.0.0. If you are currently running Release 6.0.0, 7.0.0 or 8.0.0, you must first update your System Controller to the 9.0.0 release; please follow the instructions found in the release notes for 9.0.0.

For C4000: If you are updating a Nyquist System Controller that is currently running a Release prior to Release 6.0.0, you must first update the Nyquist System Controller to

Release 6.0.0 before proceeding with this software update. The only releases that can be updated to 6.0.0 are Releases 3.0.0, 4.0.0, and 5.0.0. If you are currently running Release 3.0.0, 4.0.0 or 5.0.0, you must first update your System Controller to the 6.0.0 release; please follow the instructions found in the release notes for 6.0.0.

Custom Server Update: If you are updating an existing Nyquist system installed on a custom server (not a Nyquist System Controller) currently running C4000 7.0.0/7.0.1 or E7000 10.0.0/10.0.1, follow the instructions in the section entitled "Updating Nyquist System Controller from Release C4000 7.0.0/7.0.1 or E7000 10.0.0/10.0.1". In this case, the update process for custom servers is the same as the process for Nyquist System Controllers.

Custom Server Update: If you are updating an existing Nyquist system installed on a custom server (not a Nyquist System Controller) currently running C4000 6.0.0 or earlier version or E7000 9.0.0 or earlier version, follow the instructions in the section entitled "Updating a Custom Server to Release 11.0.0 from releases prior to C4000 7.0.0/7.0.1 or E7000 10.0.0/10.0.1". The update requires a manual update to the Debian 12 operating system followed by installation of this release.

If you are adding appliance types that were not available with an earlier software release, you must perform a System Update before adding the new appliances.

!!! WARNING !!! If the Automatic Failover feature is currently running on your Nyquist servers, you must first disable Automatic Failover on both the primary and secondary servers before you proceed with this Nyquist System Update. The Automatic Failover (AF) feature can be disabled by pressing the "Disable" button on the Automatic Failover page of both the primary and secondary servers. After you disable AF, the primary server will be configured to use the Master IP address as its IP address, while the secondary server will continue to be configured to use the secondary IP Address. You MUST disable Automatic Failover BEFORE applying this Nyquist system update. After disabling AF on the primary and secondary servers, update the primary server, update the secondary server, then reenable Automatic Failover after the update.

!!! WARNING !!! Regarding Nyquist Appliance Firmware Update (PLEASE READ)

During the final stage of the update process, Nyquist appliance firmware will be updated to a new version that is compatible with this release. Once Nyquist appliances have been

updated to the new firmware associated with this release, the Nyquist appliance firmware should not be manually downgraded to a previous version of firmware because previous versions of Nyquist firmware are not compatible with this Nyquist server release.

Updating Nyquist System Controller from Release C4000 6.0.0 or E7000 9.0.0

For Nyquist System Controllers, the update process will take approximately two hours to complete; please allocate at least two hours to perform the update. During the update process, a simple text display will be presented that describes the steps being taken to update the system. The System Controller will reboot several times during the update process.

Before beginning the upgrade process, ensure that your Network settings are properly configured.

Check for proper Internet site access by pressing "Check Internet Site Access" under the System Parameters page.

NOTE: If any of the Internet Site Access Statuses come back with a FAILED status, don't continue with the installation. Talk with your network administrator to resolve the failure prior to continuing with the installation.

To upgrade a Nyquist System Controller to this new release, follow these steps:

1. Log into the Nyquist server using the Nyquist Web Interface. Use an account that has access to System Parameters, System Backup/Restore, Product License, and System Update pages.
2. Create a System Backup via the System Backup/Restore page.
3. Export the System Backup and save it.
4. Go to System Parameters to generate an Export Report.
5. Display the Product License page and write down the installed License Activation Key (LAK). The current LAK will remain active after the update.
6. On the System Parameters page, select System Update.
7. Upload the new Nyquist server software using the Upload button found on the System Update page.

Note: If you have Automatic Software Download enabled, the new release may already be listed and available on the System Update page.

8. Press the "Run Update" button associated with this release.

9. When the update dialog indicates that the update is complete. Press "OK" and then refresh the page until the "Update Status" page displays.

10. Periodically press the reload page button to keep the status page up to date.

11. During the upgrade process, if you see a "connection refused" page, it may stay that way for a few minutes before the status page resumes displaying normally.

12. After the status update displays, "Restoring System backup and upgrading data to C4000/E7000 11.0.0", press the reload page button until the Web interface dashboard is displayed, ignoring any error messages that may be displayed before the dashboard displays.

Note: The web interface may display without first displaying the "Restoring System backup and upgrading data to C400/E7000 11.0.0" message.

13. Once the system backup has been restored and updated, the update to Debian 12 and new Nyquist release is finished.

14. Verify that your Nyquist License Activation Key is still activated by viewing the Product License page.

15. Continue with "Tasks to perform after successful Nyquist system update".

Updating Nyquist System Controller from Release C4000 7.0.0/7.0.1 or E7000 10.0.0/10.0.1

Since this release uses the same Debian 12 Operating system as versions E7000 10.0 and C4000 7.0, this update will not take as long as updates that also update the Debian Operating system.

Before beginning the upgrade process, ensure that your Network settings are properly configured.

Check for proper Internet site access by pressing "Check Internet Site Access" under the System Parameters page.

NOTE: If any of the Internet Site Access Statuses come back with a FAILED status, don't continue with the installation. Talk with your network administrator to resolve the failure prior to continuing with the installation.

To upgrade a Nyquist System Controller to this new release, follow these steps:

1. Log into the Nyquist server using the Nyquist Web Interface. Use an account that has access to System Parameters, System Backup/Restore, Product License, and System Update pages.

2. Create a System Backup via the System Backup/Restore page.

3. Export the System Backup and save it.

4. Go to System Parameters to generate an Export Report.

5. Display the Product License page.

   For E7000 systems write down the installed License Activation Key (LAK). The current LAK will remain active after the update.

   For C4000 systems, use Export to save the current keys. The current LAKs will remain active after the update.

6. On the System Parameters page, select System Update.

7. Upload the new Nyquist server software using the Upload button found on the System Update page.

Note: If you have Automatic Software Download enabled, the new release may already be listed and available on the System Update page.

8. Press the "Run Update" button associated with this release.

9. When the update dialog indicates that the update is complete. Press "OK".

10. Verify that your Nyquist License Activation Keys are still activated by viewing the Product License page.

11. Continue with "Tasks to perform after successful Nyquist system update".

Updating a Custom Server to Release 11.0.0 from releases prior to C4000 7.0.0/7.0.1 or E7000 10.0.0/10.0.1

To upgrade a Custom Nyquist Server (not a Nyquist System Controller) to this new release, follow these steps:

1. Log into the Nyquist server using the Nyquist Web Interface. Use an account that has access to System Parameters, System Backup/Restore, Product License, and System Update pages.

2. Create a System Backup via the System Backup/Restore page.

3. Export the System Backup and save it for later use.

4. Go to System Parameters to generate an Export Report.

5. Display the Product License page.

   For E7000 systems write down the installed License Activation Key (LAK) for later use.

   For C4000 systems, use Export to save the current keys. You will need this exported file on the Nyquist server later.

6. On the Product License page, press "Release License" to release the LAKs.

7. Install Debian 12.10 (or higher revision like 12.14) on the existing server (which will wipe out the existing Nyquist system and configuration).

8. Ensure that the NetworkManager software is installed on your server, using the following commands:

which nmcli

If the above command does not return '/usr/bin/nmcli', then execute the following command as the root user to install the NetworkManager package:

apt-get install network-manager

9. Properly configure the network interfaces using NetworkManager (via nmcli commands).

Verify network connectivity to the Internet.

10. Copy the Nyquist release tar file to the server's /tmp folder.

11. For C4000, while logged into the Linux server as user root, extract the Nyquist C4000 11.0.0 release by using the following commands:

cd /

tar xvPf /tmp/Nyquist-c4000-11.0.0.652.tar.gz

For E7000, while logged into the Linux server as user root, extract the Nyquist E7000 11.0.0 release by using the following commands:

cd /

tar xvPf /tmp/Nyquist-e7000-11.0.0.652.tar.gz

12. While logged into the Linux server as user root, install Nyquist C4000 or E7000 11.0.0 by using the following commands:

cd /

/opt/bogen/install_nyquist

13. For E7000, during installation, when prompted for a License Activation Key, use the License Activation Key that was released from the old Nyquist installation in step 5.

For C4000, during installation, when prompted for a License Activation Key (NXXX-XXXX-XXXX-XXXX-XXXX), Press "Return".

When you see the following prompt, "Enter filename that contains License Activation Keys", enter the filename that contains the exported license keys from step 5.

14. After installation is complete, restore the System backup that was created in steps 2 and 3 via the Nyquist Web Interface.

15. Continue with "Tasks to perform after successful Nyquist system update".

Tasks to perform after successful Nyquist system update

If you are updating an existing Nyquist E7000 system, you must update the permissions for each appropriate User Role for each of this release's new features. In addition, to allow stations to execute Routines via the Dashboard or Admin Phone using DTMF, you must update the related CoS Configuration(s) to enable Routines.

To set permissions for new features:

1. On the Admin Web UI, select Roles.

2. Select the Permissions icon for the role that you want to assign permissions.

3. Make the desired changes.

4. Select Save.

This release requires proper installation of a Trusted Root Certificate supplied by Nyquist. If the Root Certificate is not installed you will not be able to use certain dashboard features (e.g., All-Call Page, Intercom calling). Nyquist Appliance web interfaces also require the Trusted Root Certificate.

To install the Trusted Root Certificate, follow these instructions:

1. Select "System Parameters" on the Nyquist web interface.

2. Press the "Edit" button.

3. Scroll down the page until you see the "Generate Server Certificate" button.

4. Press the "Generate Server Certificate" button.

5. Press the "Download Bogen CA Certificate" button.

The required root certificate will be saved to your PC, most likely in the Downloads folder.

6. Find the downloaded certificate and install it by following the instructions provided in the Nyquist System Administrator Guide section labeled "Installing Certificate Authority on Windows System" or "Installing Certificate Authority on Mac System" (in Appendix A).

7. Close the web browser that you are using to access the Nyquist web interface.

8. Restart the browser and access the Nyquist web interface.

(Optional) Enable Secure SIP and Secure RTP for Nyquist Appliances:

1. Select "System Parameters" on the Nyquist web interface.

2. Under "Nyquist Appliance VoIP Security", press the "Enable Security" button.

*****IMPORTANT*****

To enhance security, this release requires a "Nyquist Control Password" that is used to secure communication between the Nyquist server and Nyquist appliances. A default password has already been set, but we highly recommend that you change the password to increase security.

Nyquist appliances that continue to use the default web interface password will not be able to change the "Nyquist Control Password" via the appliance web interface.

After the Nyquist system has been successfully upgraded and all Nyquist appliances have been upgraded to the new firmware release associated with this Nyquist server upgrade, follow the steps below to configure the "Nyquist Control Password":

1. Ensure that the Nyquist appliance web interface passwords for all Nyquist appliances have been changed from the default value.

2. Ensure that you have installed the Trusted Root Certificate; steps are outlined above.

3. Select "System Parameters" on the Nyquist web interface.

4. Press the "Edit" button.

5. Scroll down the page until you see "Nyquist Control Password".

6. Enter a new password into the "Nyquist Control Password" field. The password must include 20 alphanumeric upper and lowercase characters, no special characters.

7. Press the "Save Password" button.

8. Press the "Update Nyquist Devices" button.

9. Press the "Show Saved Password" button and copy the password for use in subsequent steps below.

On each Nyquist appliance, perform the following steps:

1. Access the Nyquist appliance web interface.

2. Ensure that the web interface password is not using the default password (bogen).

3. Press "Configuration Settings" to access the "Configuration Settings" page.

4. Enter the Nyquist Control Password into the "Nyquist Control Password" field.

5. Press the "Save Password" button.

Note: If you intend to use the Nyquist Check-in feature, we highly recommend that, after you follow the steps above for setting the Nyquist Control Password, you fully test the Check-in feature to ensure that each station can properly check-in during the check-in process. For Analog Station Bridge (ASB) appliances, check-in of a single station on the ASB is enough to ensure proper functioning for all stations on that ASB.

If you plan to install NQ-S1810WBC or NQ-DCS01 appliances, update the Nyquist event-driven Flasher configuration to the desired settings:

1. Press the "DSC01/WBC Flasher Configuration" button available on the "System Parameters" page.

2. By default, the flashers are enabled for the events listed. Make any desired changes, then press "Done".

New Features and Enhancements

New Hardware Support

- Added support for NQ-DSC01 appliance.

- Added support for NQ-VCTRL volume control call-switch device.

- Added support for NQ-ZPMS-G2.

- Added Support for NQ-IPHRN01.

Audio Quality Enhancements

- Intercom call now uses OPUS codec to improve audio quality and performance.

- Improved talkback performance for NQ-GA10P/V appliances.

Automatic Failover

- DNS settings on Port A are now automatically configured based on Network Wizard settings.

- Added dashboard and login screen indicators showing Primary/Secondary and Master/Slave roles.

Backup/Restore

- Added the ability to enable or disable backups for voicemail and recordings.

- Enhanced the System Backup/Restore list view (for example, backup file size is now displayed).

- Backup retention settings are now displayed on the Backup/Restore page and can be changed in Backup Settings.

- If system backup encounters an error during database backup, post dashboard warning and send email notification.

Call Details

- Added search capability to the Call Details view.

Configuration

- Nyquist Server now prevents duplicate IP address assignments between Ports A and B

Device discovery

- Added LLDP-based discovery for Nyquist appliances via network discovery applications.

Help and Documentation

- Added links for Nyquist Training Videos for Automatic Failover and Schedules.

Server Monitoring

- Added low disk space warnings, displayed on the dashboard and on idle screens of NQ-T1100 devices.

Routines and API Enhancements

- Routines API v2 now supports incoming Common Alerting Protocol (CAP) messages.

- Webhook-POST action return data is now available for use by subsequent routine actions.

- Added Change-DSC01-Setting action to allow routine-based configuration of NQ-DCS01 devices.

- The Routines API license is now enabled by default

- The Call-and-Announce action now supports calling Nyquist extensions, including extension 0 to reach the admin extension.

- Routine actions can now send log entries to syslog via logText() function in CODE segment of action condition.

Station Status

- Added PING network status to station status to help determine network reachability.

- Added hyperlink to IP Address to make it easy to open station web interface in new browser tab.

- Added firmware version number to display, for Nyquist appliances.

Schedules and Scheduled Events

- The system now prevents Zone overlaps during scheduled events and audio distribution configuration.

- Added bulk editing of configured Tones for Scheduled Events.

- Audio Stop Events now display associated Playlist or Line Input names.

- Schedules view now displays the Time Zone.

Security Enhancements

- Added firewall protection for Asterisk SIP registrations and Nyquist server SSH logins.

- Users can now request a password reset directly from the login page.

- Added support for uploading a Certificate Authority (CA) file to extend the server trust chain.

- Upgraded Asterisk to version 22.4.1 for security and performance improvements.

- Laravel debug mode can now be disabled via custom configuration variable: enable_laravel_production_mode=true

SIP Trunks

- Added support for Secure SIP (TLS 1.2) and SRTP for PBX integrations.

- Added support for multiple inbound SIP trunks from the same PBX.

- Added support for RingCentral SIP Trunks.

- Added support for Zoom Phone via SIP Trunk.

- Added support for Twilio SIP Trunks.

- VoIP Security (TLS) between Nyquist and integrated ATAs (i.e., Grandstream HT813) can now be disabled if needed.

Stability and Performance

- Prevented Nyquist Session Table overload, particularly in environments using automated security scanning tools.

Stations Status

- Improved behavior of "Refresh" button; filters are now preserved when "Refresh" is pressed.

- The list of stations can now be sorted by "IP Address".

System Diagnostics and Troubleshooting

- Added SMART SSD monitoring for NQ-SYSCTRL, with issues reported to syslog and Check Server Status.

- Added Export functionality to the “Check Server Status” and “Check Internet Site Access” tools.

- Added Network Packet Capture on Nyquist Appliances to assist with troubleshooting.

Setup and Configuration

- Added New Date/Time Wizard to allow setting Date/Time during initial setup.

Nyquist Appliance web Interface

- Added the ability to enable or disable the volume slider on the appliance web interface.

User Interface Improvements

- Added Facility Name display to the Login page.

- Implemented natural sorting across all list views and column headers.

- MAC address fields now automatically remove colons and hyphens upon entry.

- Added Device Status buttons to amplifier and gateway list views for quick status access.

Video and Display Enhancements

- Added support for video calling between NQ-ZPMS-G2 phones.

- On NQ-GA10PV displays, the clock can now be centered when no messages are present.

Resolved the following issues found in previous Nyquist Releases

---

[NYQ-6433] On NQ-GA40P3, instead of displaying a NET-IN indicator, the DSP of the GA40P3 displays LINE-IN when streaming network traffic to the GA40P3.

[NYQ-6828] Fixed an issue where sometimes the Network Setup page would display incorrect IP addresses on Port-A and Port-B.

[NYQ-7627] Fixed an issue where a zone page is interrupted by audio distribution to all speakers on NQ-P0100 and NQ-GA400P appliances.

[NYQ-7969] Fixed an issue with Chrome auto form fill issues on Nyquist web pages.

[NYQ-7289] Fixed an issue where NQ-S1810WBC is not adjusting with ambient noise sensor.

[NYQ-7733] NWS Alerts: Fixed an issue where long NWS Announcements end prematurely.

[NYQ-7742] NWS Alerts: Fixed an issue where Alert Check Interval was running every 30 seconds even if Alert Check Interval was set to a value greater than 30.

[NYQ-7743] NWS Alerts: Fixed an issue where an error message was displayed when selected Announcement to play did not have "Play to Zone" defined in the selected Announcement.

[NYQ-7751] Fixed and issue where old firmware files are not visible on the Firmware page and as a result can't be deleted. The user can now run "Check Server Status" which will look for firmware files that are not visible and will add them to the Firmware page.

[NYQ-7926] Fixed an issue where NQ-GA400P still receives Audio Distribution to zones even when Paging Exclusion is enabled.

[NYQ-7944] Fixed an issue where some time zones displayed in Time Zone Wizard are invalid.

[NYQ-7989] Fixed an issue where 911 Routine Trigger not working when 911 route is set to "Admin Station".

[NYQ-7995] Fixed an issue where partial tones (bells) are playing, missing first half-second of tone.

[NYQ-8015] Fixed an issue where Secondary server of Automatic Failover fails during Nyquist system update due to expired SUS on PCAF key on Secondary server.

[NYQ-8067] Appliance Firmware: Fixed an issue where Appliance firmware update fails due to having more than one update file in the update folder.

[NYQ-8076] Fixed an issue where default Schedule End Date is set to year 2100, making it difficult to set the End Date to a new date via the calendar provided.

[NYQ-8091] Fixed an issue where System Controller continued to hibernate after C-State patch was applied.

[NYQ-8186] Appliance Firmware: Fixed an issue where unable to make station pages to channel C of bridged 4 channel amps.

[NYQ-8188] Fixed an issue where Internet Radio and SoundMachine are not working on C4000 systems.

[NYQ-8200] Fixed an issue where Configure Intercom Module is not appearing on NQ-GA10P appliances and thus can't configure PTT on the NQ-GA10P appliance.

[NYQ-8240] Fixed an issue where DSP Parametric EQ and Boost presets are not getting saved on NQ-A4XXX Amplifiers.

[NYQ-8262] Fixed an issue where Async RTP - RTP source IP doesn't match SDP IN IP4 when Nyquist server is configured with Automatic Failover.

[NYQ-8301] Fixed an issue where Nyquist System Update failed due to failed OPUS CODEC download.

[NYQ-8347] Fixed an issue where when you edit a Display-Msg routine action and select a Message Template, the Stations field is not filtered to match the new Device Type Filter that came from the selected Message Template.

[NYQ-8352] Fixed an issue where sometimes Asterisk server displays error reading certificate buffer when SIP TLS is enabled.

[NYQ-8367] Fixed an issue where a tab character is prepended to the first two fields of exported Call Detail Records.

[NYQ-8370] Fixed an issue where no busy tone is played when announcements and facility announcements interrupt emergency all-call.

[NYQ-8371] Fixed an issue where Stations could not be deleted from the Bridge Device Station Management screen because Station is attached to an Audio Distribution error was appearing and customer could not delete the stations.

[NYQ-8378] Fixed an issue where NQ-GA400P continues to receive All-Calls even when Paging is set to "off".

[NYQ-8498] Fixed an issue where some NWS alerts failed to display because the expired date/time as sooner than the ends date/time.

[NYQ-8563] Fixed an issue where NQ-GA10P and NQ-E7030 ASB appliances stop functioning due to reboot loop.

[NYQ-8584] Fixed an issue where Audio distribution to a zone (NQ-GA400P single or both channels) does not resume after interrupting with All-Call or Zone page

[NYQ-8600] Fixed an issue where Sound Masking amplifiers not updating firmware from Nyquist server.

[NYQ-8601] Fixed an issue where NQ-E7030 ASB Status light is red when only one station is configured on the ASB.

[NYQ-8609] Fixed an issue where on NQ-GA40P3, DSP, Signal Present screen for the Output, the Hold setting number is not visible and the Hold knob is not set to the saved value on screen load.

[NYQ-8612] Fixed an issue where on NQ-S1810WBC the clock shows 0 for hours between midnight and 12:59 AM when using 12-hour format.

- User Interface: Fixed an issue where some drop-down menus that contain a lot of options could not display all the available options.

Known Issues

[NYQ-3527] - When Audio Distribution is playing to a Zone, if a Scheduled Event to the same zone interrupts the Audio Distribution and the scheduled event includes scheduled audio, you will hear about 1 second of the originally playing audio distribution between the scheduled tone and the scheduled audio.

[NYQ-4110] - After a system update, items listed in the web interface navigation bar are sorted in default order, users must re-sort the menu to match desired order.

[NYQ-4595] - Station's DCS displays incorrect LED color when Urgent or Emergency Call is initiated by an I/O controller, the LED displays green instead of amber or red.

[NYQ-4830] - Rare: Zone page to a zone on NQ-E7030 ASB fails after performing two zone pages to same ASB while two audio distributions are playing on same NQ-E7030 ASB.

Workaround: Place an intercom call to a station on the NQ-E7030 ASB that is a member of the zone that is failing zone page.

[NYQ-5601] - Disabling Paging on a Station, via Station Configuration or Paging Exclusion, causes the station to not receive zone-based audio distribution.

Workaround: If audio distribution to the station is desired, leave paging enabled but do not add the station to any paging zones (the station will still receive All-Call pages).

[NYQ-6084] - Rare: NQ-E7030 ASB station resuming Audio Distribution instead of All-Call Page. This issue only occurs under the following scenario: 1) Start station-based audio distribution to 2 or more stations on ASB appliance. 2) Make an intercom call to one of the stations, but not the first station. 3) Start an All-Call Page, 4) While All-Call page is playing, hang up the intercom call, 5) The ASB station that was on the intercom call will play audio distribution instead of the All-Call Page.

[NYQ-6375] - HTTPS on the Nyquist appliance becomes unsecure after changing IP address from DHCP to Static IP or vice versa.

Workaround: Reboot appliance.

[NYQ-6476] - Appliances operating in Standalone Mode automatically join the 3 default Nyquist multicast groups.

[NYQ-6494] - NQ-GA400P Standalone mode: When playing OPUS multicast to a channel, the OPUS multicast will fade up when an intercom call is terminated on the other channel.

[NYQ-6502] - Tone plays simultaneously with an intercom call on the MMPA. When a tone is played to an MMPA and interrupted by an intercom call to the MMPA, both the tone and the intercom call will play at the same time.

[NYQ-6514] - In Standalone Operation mode of NQ-A4xxx-G1 amplifier, when Prioritize Line Input is enabled, an intercom call to the amplifier interrupts the line-in.

[NYQ-6812] - Appliances with digital call switches (DCS) that place calls during Night CoS hours when Day and Night CoS call-in level do not match, will notice that during Night CoS hours the LED color does not match the type of call placed. The correct type of call is

placed, and the audio announcement is correct, only the LED on the digital call switch is incorrect.

Workaround: For appliances with call switches, ensure that the Station configuration for Day and Night CoS is the same.

[NYQ-6821] - NQ-Axxxx-G1 default route for line-input to line-output are disabled.

Work around: Enable line-input to line-output via router.

[NYQ-6841] - When playing an audio distribution to both channels of an NQ-GA400P, interrupting the zone audio distribution with a call (intercom) to a channel causes both channels to stop playing audio distribution, not just the channel used for the intercom.

[NYQ-6842] - When playing an audio distribution to a station on Channel 1 and intercom call on Channel 2 of the NQ-GA400P, after hanging up the intercom call on channel 2, the audio distribution on channel 1 gets distorted for a second.

[NYQ-6882] - While audio is streaming to an appliance that supports DSP, clicking on the DSP tab of the appliance can cause audio stuttering.

[NYQ-8440] - In rare cases, audio distribution does not resume after an emergency call interruption via a DCS on an NQ-E7030 ASB.

[C4000-1229] - If a Zone is deleted while audio distribution is playing to specific stations, the stations will stop playing the current audio distribution after the Zone is deleted, even if the stations were not part of the Zone.

Workaround: After deleting a Zone, stop the audio distribution and then restart it. Best practice: Do not add or delete Zones while audio distribution is in-use.

[C4000-1255] - On the DSP Graphical Parametric EQ, clicking the Enable button multiple times may cause the EQ graph to show two lines.

Workaround: Disable, then enable the graph.

[C4000-1852] - When a 4-channel Amplifier is in Standalone Mode, line-input audio is intermittently mixed with network audio when Prioritize Line Input is enabled.

[C4000-1933] - Changing from Nyquist Server mode to Standalone operation does not release the multicast groups joined while in server mode.

Workaround: This can be resolved by rebooting the device after switching modes.

[C4000-2112] - Loud pop noise when Sound Masking amplifier is rebooted and starts sound masking upon reboot.