

# Condenser/Vessel Control OS Release Notes

## (Latest to Earliest)

### RELEASE NOTES FOR 11.00

#### Home Screen

- Fixed a text alignment issue that occurred when the Active Mode Control dropdown was set to Manual on the Condenser “Home” page

#### Remote Tabbing

- Fixed an issue that caused the screen to lock up when accessing the system remotely through a browser and pressing “tab” to cycle through setpoint inputs.

#### Step ID Numbers

- Fixed an issue that was incorrectly linking Condenser Steps that shared the same Step ID. This caused both Steps to change when toggling one to “manual” or “auto”

#### Low Override Condition

- Fixed an issue where the “Home” page was not reflecting that a condenser step set to manual was automatically set to “auto” upon entering a Low Override condition.

#### Email - SMTP Factory Settings #2

- Fixed an authorization mismatch that caused emails and notifications using the Factory Settings #2 option to fail to send

#### Add Factory Card Page

- Fixed an issue preventing a user from opening the System Overview menu modal while accessing the Add Factory Card page

#### Panel Temperature Selection

- Fixed an issue where changing the temperature units from F to C or C to F was not distributed to all products within the Quantum HD Unity Network

### Panel Pressure Units

- Added kpaG as an option to the pressure units dropdown on the panel page

### Setpoint Maintenance

- Established the length of a Saved Setpoints filename, preventing the Submit button on the Restore Setpoint page from being pushed off the page
- Added a check to prevent the entering of invalid characters while saving a setpoints file that caused the save function to fail

### Clean Screen Timeout

- Changed the default timer for the Clean Screen feature from 1 minute to 30 seconds
- Changed the units for the Clean Screen timer to be seconds rather than minutes

### URL Field

- The URL field has been removed from the Edit page in the product list

### About Screen

- Added additional fields to the “About” page that shows the board type, distinguishing between Q5 and Q6 processors
- Added range checking to the Sales Order Number and Item Number fields on the “About” page to ensure the numbers entered are valid
- Changed the card field to now display the storage architecture being used in the system

### Network Restore

- Fixed an issue where the network settings were not changed to default values after performing a network restore via the DIP switch

### Security - Restore Default Users

- Added a feature that automatically Logs Out a User if they choose to restore default users while not logged in as one of those groups

### Security Users

- Fixed an issue where a default user level (Basic, Operator or Service) could be deleted if it was first moved to another user level
- Added code that requires a new Security User to have a PIN code before they can be added to the list of users

- Added code preventing the loss of the PIN code when editing a Security User

#### Remote Users Page

- Added a “Session List” to the Security page that allows a user (local or remote) to see other users who are or have been remotely logged in to the panel

#### Number Entry

- Added code to make the displayed keypad consistent when clicking on a setpoint field in an unexpected way

#### On Screen Keyboard

- Corrected the Shift and Caps Lock functions on the on-screen keyboard

#### Network Configuration

- Added a check that prevents the entering of invalid network configurations which cause the controller to malfunction.

#### IP Address Range

- Added a check that prevents the entering an invalid IP address and port number which causes the controller to lose connectivity with other Quantum HD Unity products

#### Compressor Overview

- Fixed an issue on the System Overview page where a Unity product in “Shutdown” was incorrectly shown as being in a “Warning” state

#### Remote Auto Login

- Fixed an issue where Auto Login failed when the Quantum HD Unity network contained more than one compressor controller

#### Networked Product O.S. Version Message

- Changed the Network List page updating the message requiring all Unity products to be O.S. version 10.40 or later

## RELEASE NOTES FOR 10.51

### System Operating Values - Vessel

- Fixed an issue that occurred when attempting to add a channel to either the System Operating Values (Vessel Home page) or to the Vessel User Defined page where the screen would turn white and the panel would become unresponsive.

### Auxiliary Analog Channel Names

- Fixed an issue on the Vessel Analog Auxiliaries page where the title bar showed the value from the Condenser Analog Auxiliaries page.

### Digital IO Fields

- Fixed an issue where attempting to change an IO Board value on the Digital I/O – Page 3 Configuration page was causing the wrong field to update.

### Pump Pressure Differential Shutdown

- Changed the safety for Pump Low Pressure Differential from a Shutdown to a Warning.

### Vessel Alarm Emails

- Correct an issue in the Vessel Alarm Notification emails where the Alarm message was not displayed for some Alarms.

### Ping Command

- Changed the Ping Command function on the Diagnostics Page to now display the entered IP address and to execute the ping when the corresponding button is pressed.

## RELEASE NOTES FOR 10.50

### VFD Fan Ramp Control

- Considers only steps that are in auto mode as viable steps in the condenser step sequence. EG: 4 step VFD Fan sequence. Step 4 is in Manual mode, steps 1-3 are in Auto mode. After step 3 is started, steps 1-3 will ramp together, not requiring step 4 to be started.

### Test Emails

- Fixed issue where test emails would be sent in an inconsistent manner when using the “Send Test Notifications” button.

### Watchdog Jumper Update

- When the watchdog jumper process is initiated to clear setpoints, all settings are returned to factory defaults.

### No Comms Message

- Fixed issue where if a loss of comms occurs, the wrong error message would display on Compressor Overview page.

### Product Scroll (System Networking)

- Allow page to scroll if there are more products than can be displayed on the screen.

### Software Upgrade Limitation

- Only allow upgrades to a newer version. Changing the program to a previous version is no longer allowed.

### Enhance Saved Setpoints

- When setpoints are saved, folder now includes product and software version name in name.

### Security/Users Scroll

- Added ability to scroll through users when there are more users than can be displayed on the page.

### Product Selection Banner

- Updated look and feel of product selection banner. Lowered product selection dropdown, updated dropdown text to “Product Selection” and made product name text display.

#### Portuguese (Brazilian) & Spanish Language

- Added Portuguese & Spanish languages.

#### Language change on all products

- Fixed issue where language would not update on all connected products when changed.

#### Rage limit for Ammonia Sensor Inputs

- Increased the High Range on the Analog I/O configuration for Ammonia inputs to 20,000 PPM to align with the Engine Room control range.

### **RELEASE NOTES FOR 10.40**

#### Pumps - Auto / Manual control

- Fixed issue where the Manual (No Safeties) option was not listed for each available pump.
- Manual (No Safeties) option is now only available locally at the panel and when the user is logged in as Level 3."

## **Cross Product Communication**

#### Pressure Calibration – Pressure Resolution and Atmospheric Pressure

- Added Atmospheric Pressure setting to all products
- The Pressure Display Resolution was added to handle special compressor applications. This was removed from other applications.

#### Sub-Navigation (Tabs)

- Sub-Navigation options are now a tab rather than just text.

#### Alarms – Clear Safety History

- Added confirmation of “Are you sure you want to clear the Safety History?” when clicking the Clear Safety History button.

## Networking

- Added a “Add Factory Card” feature that allows you to commission a card on the Unity System where the Unity System’s Gateway has been altered from the original settings.
- You can now successfully restore Setpoints on a panel where the Unity System’s Gateway has been altered from the original settings.
- You can now successfully perform a system upgrade on a panel where the Unity System’s Gateway has been altered from the original settings.

## **RELEASE NOTES FOR 10.30**

### **Condenser/Vessel**

- Corrected an issue dealing with the conversion of Hg (negative) pressures when the Atmospheric Pressure was set to something other than 14.7 PSI
- Corrected an issue where upon power up the IP address would reset to 192.168.0.171 and the processor would reboot if a jumper is detected on JP1 pins 7 & 8 of the Communications Interface board.
- Corrected an issue where the IO integrity Check logic did not catch certain conflicts in I/O configuration
- Corrected an issue where the condenser/vessel controller would boot directly to the Home screen rather than the System Overview screen when only either Condenser or Vessel was selected for control.
- Enabled text entry with physical keyboard
- Vessel freeze screen organizes the values per vessel
- Added ability to select alarm freeze screen data on a per vessel basis.