

# Engine Room Control OS Release Notes

## (Latest to Earliest)

### RELEASE NOTES FOR 11.00

#### User Defined Screen

- Added the User Defined feature to Engine Room Control

#### System Operating Values

- Added the Recip analog values to be selectable on the System Operating Values page

#### Discharge Motor Amps

- Removed Recip Compressor discharge and motor amps from the “Status” page unless those features are enabled or configured

#### Alarm Output

- Changed the general alarm output on the Engine room control to be energized when any warning or shutdown occurs with a Recip Compressor

#### 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 10.50**

#### Saved Setpoints, Next Button

- Fixed issue where going to page 2 or higher of setpoints wouldn't work.

#### Restoring Setpoints

- Fixed issue where setpoints with a different IP Address cause issues on the panel.

#### E-Mail Service after Reboot

- Fixed issue where email service wouldn't work after the panel was rebooted.

#### Touchscreen Calibration

- Added Screen Calibration button to "System Configuration" menu.

#### 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 to the product.

#### Language change on all products

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

### **RELEASE NOTES FOR 10.40**

#### Add Fan Run Aux to Step Ventilation Control

- Added "Fan Run Aux" to the Step Ventilation Control

#### Ventilation Fan Aux. Control

- Fixed issue where the Ventilation Fan Aux. Inputs were not working.

## **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**

### **Engine Room**

- implemented the ability to control up to six reciprocating compressors with local safeties
- 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 to make the “Refrigerant Warning 1” output “Safe/Energized” when the Alarm Silence button is pressed.
- Allow any refrigerant detector alarm to be cleared if the sensor is disabled by user.
- Corrected code to ensure that all Alarm Data is being generated on the “Alarms” tab of the spreadsheet created when a System Data Download is executed.
- Corrected an issue where upon power up the IP address would reset to 192.168.0.173 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 no catch certain conflicts in I/O configuration
- increase the high end sensor range for the 4 Refrigerant Detectors channels to 25,000ppm
- Corrected an issue whereas the Engine Room controller would boot directly to the Home screen rather than the System Overview screen when not connected to any other controller (Ethernet)
- Enabled text entry with physical keyboard

