E2 3.01F01/E2E 4.01F01 and UltraSite 5.01 Now Available

A new general release version of the E2 controller firmware, version 3.01F01, and E2E controller firmware, version 4.01F01, has been released and is available for customer upgrade. The meta-package file — which may be used to upgrade E2 controllers to 3.01F01 AND E2E controllers to 4.01F01 — may be downloaded from the Retail Solutions website:

`http://prod.emersonclimate.com/EN-US/PRODUCTS/`
`CONTROLS/FACILITY_CONTROLS/E2/Pages/e2.aspx`

A new version of UltraSite32 has been also been released, version 5.01, and is also available for download from the Retail Solutions website:

`http://prod.emersonclimate.com/en-US/products/`
`software/Pages/ultrasite.aspx`

ULTRASITE UPDATE REQURIED

E2 3.01F01/4.01F01 is compatible with UltraSite 5.01 or above; you MUST upgrade UltraSite before using these firmware versions. The update to UltraSite is available via the website at
`http://www.emersonclimate.com/en-US/products/`
`software/Pages/ultrasite.aspx`

SITE MANAGER UPDATE REQUIRED

E2 3.01F01/4.01F01 requires Site Manager 9.4 or greater. If communication with Site Manager is required, upgrade Site Manager to version 9.4 first, then update the E2s. Contact Retail Solutions for more information about upgrading.

Instructions on how to use UltraSite32 to deploy the upgrade package may also be found on the Retail Solutions E2 Facility Management Page:

`http://www.emersonclimate.com/Documents/Retail%20Solutions/`
`E2%20Technical%20Bulletins/0264306.pdf`

E2 3.01F01/4.01F01 adds the following fixes and enhancements:

- Native support for MRLDS leak detector systems (without need for a gateway board)
- New detailed setpoint change logging - now shows which setpoints were changed, the from/to values, and date/time of change
- Boiler control application enabled in CX 300 and 400 models
- Support for Open MODBUS devices

- New RMS application for recording refrigerant additions/removals
- Support for Dixell Cool-Mate devices XLH260, XLR130, XLR170
- Support for dynamic digital scroll minimum % in Enhanced Suction & MCC applications
- ISD2.0 - support for demand cooling and added an advisory for Low Voltage Lockout
- CoreSense - added an advisory for Low Voltage Lockout
- **(E2E 4.01F01 only)** Chinese-language user interface for E2 front panel

UltraSite 5.01 adds the following fixes and enhancements:
- Improved support for foreign language E2 package files
- For ISD2.x, Performance Alert, and CoreSense Discus,
- Added "Launch" button instrument to GS Screen creator
- GS screens for new E2 integrations (see list of E2 features)

Who Should Update

Retail Solutions recommends as a policy all customers upgrade their E2 controllers and PCs running UltraSite to the latest version to take advantage of the latest fixes and enhancements.

All customers who meet one or more of the requirements below are advised to upgrade to E2 3.01F01/4.01F01:
- **Any customer requiring communication between E2 and any of the boards and devices listed above.**
- **All users requiring Open MODBUS device connectivity.**
- **Digital scroll compressor users wishing to use the dynamic digital scroll minimum % feature.**

All customers who are using a version of UltraSite version 5.00 or earlier will need to upgrade to version 5.01 in order to use UltraSite with E2 version 3.01/4.01 or higher.

Documentation Updates and New Documentation

026-1610 Rev 12 - E2 User Manual - The E2 manual has been changed to include instructions on new features in the 3.01F01/4.01F01 firmware.

026-1614 Rev 0 - E2E User Manual - The 4.01F01 release is the first release of firmware on the new E2E controller model. The E2E has its own user manual (026-1614) with installation instructions and specifications unique to the controller type.

026-4128 Rev 0 - E2 Retrofit Technical Bulletin - This document provides a set of instructions installers should use when replacing an E2 controller with an E2E.

026-4129 Rev 0 - Standard vs E2E Comparison Technical Bulletin - For those who want more information on the differences between E2 and the new E2E controller model, this technical bulletin provides a side-by-side comparison of specifications and features.

026-1307 Rev 4 - MRLDS User's Guide - The manual for the MRLDS leak detector system now includes instructions for networking MRLDS directly to an E2 MODBUS port.