E2 2.81F01 and UltraSite 4.81 Now Available

A new general release version of the E2 controller firmware, version 2.81F01, and a new general release version of UltraSite32, version 4.81, has been released and is available for customer upgrade. The package file used for upgrade may be downloaded from the Retail Solutions website:

`http://www.emersonclimate.com/en-us/products/elec-tronics/pages/e2_facility_management_system.aspx`

ULTRASITE UPDATE REQURIED

E2 2.81F01 requires UltraSite 4.81 or above for remote communications. Upgrade UltraSite to the latest version before upgrading E2s to 2.81F01.

SITE MANAGER UPDATE REQUIRED

E2 2.81F01 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.

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/en-us/products/electronics/pages/e2_facility_management_system.aspx`

E2 2.81F01 adds the following fixes and enhancements:

- Cell type expansion to allow future connectivity to more types of Open Echelon devices
- Support for ACC2 anti-condensate controller
- Support for multiple MODBUS ports - any or all of the three RS485 ports (COM2, COM4, and COM6) can be assigned as MODBUS ports
- Support for up to 99 MODBUS devices on a single port
- Network Status and Network Summary screens consolidated into one screen called "Network Summary."
- Changes to Connected I/O screen - compatible devices are now categorized into separate screens
- Pointer format for unit controller applications are now of the format **Area Controller:Application Name:Property** (previously **Controller Name:Application Name:Property)**
- Support for Modular Chiller Control (MCC)

E2 2.81F01 Now Available

UltraSite32 4.81 adds support for all the E2 2.81 features listed above, and also adds the following fixes and enhancements:

- Support for Windows 7 operating system
- Support for 64-bit operating systems (Windows XP, Vista, and Windows 7)
- Inclusion of all E2 templates in the UltraSite32 database up to the most current release version of E2
- Improvements to site synchronization - now is faster and handles error conditions such as offline controllers more efficiently
- Improvements to the display of pointers in E2 setup screens

Who Should Update

Retail Solutions recommends as a policy all customers upgrade their E2 controllers to the latest firmware 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 2.81F01:
- **Users of ACC2 or MCC.**
- **Customers requiring more than one MODBUS port or more than 64 devices on a MODBUS network.**

All customers who meet one or more of the requirements below are advised to upgrade to UltraSite 4.81:
- **Anyone wishing to connect to a site using E2 version 2.81 or greater.**
- **Anyone using a 64-bit OS and/or Windows 7.**

Documentation Updates and New Documentation

026-4127, Advisory for Installers of E2 2.81F01 and UltraSite 4.81 and above, Rev 0 18-MAR-2010 - E2 version 2.81 and UltraSite32 version 4.81 have undergone extensive changes, which require all users who are already familiar with E2 and UltraSite32 to fully read and understand this document. During the install process of UltraSite32 you will be prompted to open a PDF copy of this document and read before installing.

026-2503, US32 Network Install, Rev 1 16-MAR-2010 - To support users of UltraSite32 in Network Mode, the US32 Network Installation Instructions have been revised to reflect some minor changes to the database upgrade process and the client installation procedure.

026-1610, E2 User's Guide Rev 9 1-DEC-2009 - The E2 manual has been revised to include all of the changes made to MODBUS support and the Network Services screens.