E2 2.65F01 Now Available

A new feature release version of the E2 controller firmware, version 2.65F01, 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.emersonretailsolutions.com/supermarkets/firmware.asp`

NOTICE - E2 2.65F01 is a *general release.*

A general release is a version that is shipped with all new controller orders and may be freely distributed to E2 customers for upgrade.

WARNING!
E2 2.65F01 requires UltraSite 4.63 or above for remote communications. Upgrade UltraSite to the latest version before upgrading E2s to 2.65F01.

Instructions on how to use UltraSite32 to deploy the upgrade package may be found in the Retail Solutions library:

`http://www.emersonretailsolutions.com/library/index.asp`

WARNING!
If an E2 has Commander SK variable speed drives configured, and your current E2 version is older than 2.64F01, do NOT remotely upgrade this unit to 2.65F01. The E2 will lose communication with Commander SK drives when upgraded. A technician must be on-site to clean out the Commander SK drive configuration and reprogram (see Technical Bulletin 026-4122 Rev 1 16-JUN-2008).

2.65F01 adds the following fixes and enhancements:

- Support for the upcoming Facility Status Display (FSD), a touch-screen alarm panel scheduled for release in October 2008.
- Corrects issue in Lighting Schedule application that causes maintenance overrides to not work correctly.
- Quiet Mode option added to Condenser application for use with variable-speed fans.
- CX-400 now allows use of Copeland ISD 1.0 and 2.0 compressors.

Who Should Update

Retail Solutions recommends as a policy all customers upgrade their E2 controllers to the latest <u>general release</u> firmware version to take advantage of the latest fixes and enhancements. The current version of E2 in general release is E2 2.65F01.

Customers are advised to upgrade to 2.65F01 if any of the following conditions apply:

- **Customers that will use Facility Status Display (FSD)**
- **Customers that require Quiet Mode operation with Condenser variable-speed fans**
- **Sites using Lighting Schedule applications that use maintenance overrides.**
- **CX-400 sites that will use ISD 1.0 or 2.0 compressors.**
- **Sites using an E2 version before 2.64F01 that use Control Techniques VSD via the MODBUS interface, specifically sites using Commander SK drives (note the warning on page 1 - Commander SK drives will lose communication with E2 after upgrade - a technician must be on site to reprogram the drive during the upgrade).**

Documentation Updates and New Documentation

<u>**026-1400 (not yet released),**</u> **"Facility Status Display (FSD) Installation and Operation Manual" -** This manual covers the installation and operation of the Facility Status Display, including how to set up an E2 version 2.65F01 or greater to display alarms on the FSD. This manual will be released along with the product launch of the FSD, which is expected in October 2008.

<u>**026-4305 Rev 2 23-APR-2008**</u>**, "Compatibility between UltraSite32 and E2 Versions" -** This technical bulletin was revised in April to include the requirement that UltraSite32 must be upgraded to version 4.63 or higher when communicating with E2 version 2.63F01 or higher (which includes the current release, E2 2.65F01).

<u>**026-4122 Rev 1 16-JUN-2008**</u>**, "Control Techniques Variable-Speed Drive (VSD) Interface" -** This bulletin includes extended instructions for setting up the Commander SK model VSD. Users upgrading E2s with Commander SK drives must follow the setup instructions in this bulletin to make the Commander SK communicate with the E2 after upgrade.