

VT8000 Release Notes

Firmware Upgrade 1.7 for SE8000 Series Room Controllers



Release Notes

The Release Notes are configured to **Firmware Version 1.7** and include new features for the following models:

- VT8300
- VTR8300
- VT8600

NOTE: Firmware 1.7 requires Version 10 of the ZigBee Pro Communication Model. It is not possible to enable the features for Firmware 1.7 using Version 9 (and lower) of the ZigBee Pro Communication Model.

INTEGRATION WITH ZIGBEE WIRELESS CO₂ SENSOR

Supports pairing of one wireless CO₂ sensor with temperature and humidity, or its companion product having only temperature and humidity. Enables the Room Controller to receive remote readings of CO₂ levels and/or remote temperature and humidity readings from the sensor, and uses these values as inputs to the Room Controller HVAC algorithms. Room occupants benefit from a quicker response of the HVAC system adjustments increasing comfort levels for controlled ventilation, temperature settings, and humidity control (HVAC system dependent). Facility Manager's benefit from optimized equipment usage resulting in lower operating costs and maintenance expenses.

EXTENDED CAPABILITY OF ZIGBEE NYCE MOTION SENSORS

Supports the temperature and humidity data available with NYCE motion sensors. Enables the Room Controller to detect occupancy and receives remote readings of temperature and humidity and use these values as inputs into the Room Controller HVAC algorithms. Room occupants benefit from a quicker response of the HVAC system adjustments increasing comfort levels for temperature settings and humidity control (HVAC system dependent). Facility manager's benefit from optimized equipment usage resulting in lower operating costs and maintenance expenses. Multiple sensors can be commissioned to a single Room Controller, with selection as to which sensor is used for the remote temperature and humidity input to the HVAC logic.

NOTE: Applies to REV C of the NYCE motion sensors and also requires Version 10 of the ZigBee Pro Communication Model.

INTEGRATION WITH ZIGBEE CENTRALITE WATER SENSOR

Supports pairing of the water sensor providing an alarm message on the user display and via BACnet point that a fluid leak has been detected. Facility Managers benefit from being able to monitor critical areas for possible facility damaging situations and be informed of these occurrences in a timely manner to respond and minimize their effects.

NOTE: Requires Version 10 of the ZigBee Pro Communication Model.

NOTE: Order Water Sensor directly from [Centralite](#).

ADR TITLE 24 OVER BACNET

Implemented Load Shedding application in compliance with California regulations ADR Title 24 for Occupant Controlled Smart Thermostats. The application requires a BACnet command from interfacing equipment to turn-on and turn-off the Load Shedding feature. ADR Title 24 messaging and confirmations must be performed by adjoining equipment having Internet connectivity and then providing the room controller the BACnet command message.

GENERAL

Changes to the structure of the User Menus to simplify navigation, selection of options, and viewing of information (Network and Wireless sub-menus).