

Changelog

Applicable to: Touchscreen Room Controllers

[2.2.0] - 2025-Q3

Added

- Full screen alerts
 - Add screens for critical, warning, information and all-clear alerts
 - With customizable heading and body text
 - With halo indications
- Courtesy Buttons
 - Support optional home screen buttons for Do Not Disturb and Make Up Room
 - Support fourth button on home screen
- Configurable Temperature on Main Display
 - Support show/hide of temperature value on home screen (MV.3)

Changed

- Improve screen performance
- Correct integral time of supply PI loop
- Improve ZigBee device online/offline handling after TRC reboot
- Improve WiFi reconnection in environments with weak signals/regular reconnects
- Improve wired input stability in presence of 60Hz noise (thermistors, 0-10VDC analog)

[2.1.0] - 2025-Q1

Added

- Lights & Blinds:
 - Add user interface for control of up to 8 lights and 8 blinds
- AI Eco Mode: Setpoint control, optimal start & optimal stop
 - Support third button on home screen, with new AI Eco Mode option
- Lua:
 - 6 new variables added, extending total from 12 to 18
 - Setting first character of variable name to '!' will hide the variable on the Lua Variables menu
 - 18 new scratchpad variables added, available to Lua/BACnet, but not on the Lua Variables menu
 - Support OS functions: time, date and difftime

Changed

- Minor bug fixes and security enhancements

- Setpoints menu: Make occupied setpoints editable
- WiFi: Minor driver improvements
- BACnet MS/TP: Improve occasional failure of first packet when writing files to device

[2.0.1] - 2024-Q4

Changed

- Fix duplicate BACnet object name "WiFi Network Signal Strength".
 - AI342 rename "WiFi Network Signal Strength Percentage"
- Fix issue where halo could not be overridden by BACnet/Lua
- Improve socket cleanup when switching from BACnet/Ip to MS/TP

[2.0.0] - 2024-Q3

Added

- Support for new W/WA SKUs
 - WiFi with BACnet/IP
 - ZigBee Sensors
 - Halo

Changed

- Cyber Security: Lua upgraded from version 5.1.1 to 5.4.6
 - WARNING: Require function format changed from "require 'bacnet'" to "bacnet = require 'bacnet'"
 - WARNING: some rarely used maths functions in Lua 5.4 have slight modifications. See [Lua 5.4 Maths Functions](#)
- User interface improvements to: Keyboard, pin pad, text fields
- BACnet stack upgraded
- Temperature compensation algorithm upgraded
- Support "reset all" in Factory Reset
- Fix time zone configuration for Cairo and Santiago

SKUs: Schneider Electric

SKU	HVAC	Wireless
SXWTRC3500BccX	Fan Coil Units	None
SXWTRC3500BccW	Fan Coil Units	WiFi + ZigBee
SXWTRC3500BccWA	Fan Coil Units	WiFi(NAM) + ZigBee
SXWTRC6500BccX	Rooftop Units & Heat Pumps	None
SXWTRC6500BccW	Rooftop Units & Heat Pumps	WiFi + ZigBee
SXWTRC6500BccWA	Rooftop Units & Heat Pumps	WiFi(NAM) + ZigBee

SKUs:Viconics

SKU	HVAC	Wireless
TRC3500BccX-VC	Fan Coil Units	None
TRC3500BccW-VC	Fan Coil Units	WiFi + ZigBee
TRC3500BccWA-VC	Fan Coil Units	WiFi(NAM) + ZigBee
TRC6500BccX-VC	Rooftop Units & Heat Pumps	None
TRC6500BccW-VC	Rooftop Units & Heat Pumps	WiFi + ZigBee
TRC6500BccWA-VC	Rooftop Units & Heat Pumps	WiFi(NAM) + ZigBee

[1.0.0] - 2023-10-16

First release of Touchscreen Room Controllers.

SKUs: Schneider Electric

SKU	HVAC	Wireless
SXWTRC3500BccX	Fan Coil Units	None
SXWTRC6500BccX	Rooftop Units & Heat Pumps	None