

SPC 3.13

FIRMWARE RELEASE NOTES

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3.13.0 Release Build 20

1 Feature: TWW keypad indicates the current system state.

Feature Description	The TWW keypad has the possibility to request a system state indication.
Notes	<ul style="list-style-type: none"> • Configure a user with PIN 2222 • On the TWW keypad ask for a system state indication by typing “ENTER”2222“ENTER” • TWW keypad LEDs indicate the current system state: <ul style="list-style-type: none"> ○ unset: area icon LED temporarily lights green (no beep) ○ fullset: area icon LED + fullset key temporarily light red ○ partset: area icon LED + partset key temporarily light red

2 Feature: TWW keypad sounds chime when invalid Pin/TWW Tag is presented.

Feature Description	The TWW keypad will sound the chime to indicate that invalid credentials have been presented to the keypad.
Notes	<p>Test the keypad sounds the chime with both invalid/unregistered PIN codes and TWW Tags</p> <p>Alarms will override this sound if active</p>

3 Feature: Dual authentication on TWW Keypads (Fob and Pin)

Feature Description	When enabled, users are required to swipe their Fob, followed by their PIN to arm/partset/disarm the system from the TWW Keypad.
Notes	<ul style="list-style-type: none"> • Enable “Pin & Pace” in System settings. • Press Away Arm and swipe Fob • Door Open Icon should display the next time the Keypad is pressed. • Enter PIN and press Away Arm to complete the authentication process. <p>Keypad Timeout setting determines the interval between the fob and PIN.</p>

1 Feature: Valid Users can restore/silence alerts from TWW Keypad

Feature Description	When a valid user enters their code on a TWW Keypad when an alert is present, the alert is restored
Notes	<ul style="list-style-type: none"> • Raise an alert medical/tamper/zone. • Enter valid user code for the area where the alert is present and followed by the disarm key. • Alert should be restored and silenced if restorable. <p>Note: Alerts that cannot be restored (i.e. tamper is still active) will not be silenced and will continue to flash/sound on the TWW Keypad.</p>

1 Feature: TWW Alerts can be viewed in the Web Browser Summary page.

Feature Description	Alerts generated by the TWW Keypad can be viewed in the Web browser
Notes	<p>Remove the back cover of the Keypad to generate a tamper alert.</p> <p>Take the Keypad out of range to generate a lost Alert (Min 20 mins before alert is raised)</p>

2 Feature: TWW Alerts can be restored / Inhibited / Isolated in the Web Browser Summary page.

Feature Description	Alerts generated by the TWW Keypad can be restored/inhibited/isolated from the wired keypads and web browser.
Notes	Generate alerts from the TWW Keypad and try to restore/inhibit/isolate them from the web browser and wired keypads.

3 Feature: Force set when TWW Keypads alerts are present

Feature Description	When there is a TWW Keypad alert active, a user must be able to do a force set.
Test notes	Force set can only be performed from a wired keypad as there is no way to display messages on the TWW Keypad.

4 Feature: Holding the SOS + Away key for 3 seconds generates a Medical alarm on the TWW Keypad.

Feature Description	When enabled in the TWW Keypad configuration, holding the SOS + Away arm keys will generate a Medical alarm for the keypad area.
Notes	Ensure this option is enabled in the TWW Keypad configuration

5 Feature: A TWW Keypad Medical alarm turns on the appropriate system Outputs.

Feature/Bug Description	When a Medical alarm is generated from a TWW Keypad, the appropriate system outputs are enabled.
Notes	

6 Feature: TWW Keypad Medical alarms are logged.

Feature Description	When an TWW Keypad medical alarm is activated, the alert is logged.
Notes	Check the logs after activating a medical alarm from the TWW Keypad.

7 Feature: TWW Keypad Medical alarms are reported.

Feature Description	When an TWW Keypad medical alarm is activated, the alert is reported and displayed on the Web browser summary page and wired keypads.
Notes	

8 Feature: TWW Medical Alerts can be restored.

Feature Description	TWW Keypad Medical alerts can be restored from Web browser and RKD keypads.
Notes	

9 Feature: Holding the SOS + SOS key for 3 seconds generates a Panic alarm on the TWW Keypad.

Feature Description	When enabled in the TWW Keypad configuration, holding the SOS + SOS keys will generate a Panic alarm for the keypad area.
Notes	

10 Feature: A TWW Keypad Panic alarm turns on the appropriate system Outputs.

Feature Description	When a Panic alarm is generated from a TWW Keypad, the appropriate system outputs are enabled.
Notes	

11 Feature: TWW Keypad Panic alarms are logged.

Feature Description	When an TWW Keypad Panic alarm is activated, the alert is logged.
Notes	

12 Feature: TWW Keypad Panic alarms are reported.

Feature/Bug Description	When an TWW Keypad panic alarm is activated, the alert is reported and displayed on the Web browser summary page and wired keypads.
Notes	Messages are displayed on the Web Browser and Standard keypad menus

13 Feature: TWW Panic Alerts can be restored.

Feature Description	TWW Keypad Panic alerts can be restored from Web browser and RKD keypads.
Notes	The TWW Keypad Panic alert can be restored from <ul style="list-style-type: none">• Web Browser• Wired Keypad menu

14 Feature: Holding the SOS + Stay key for 3 seconds generates a Fire alarm on the TWW Keypad.

Feature Description	When enabled in the TWW Keypad configuration, holding the SOS + Stay keys will generate a Fire alarm for the keypad area.
Notes	

15 Feature: A TWW Keypad Fire alarm turns on the appropriate system Outputs.

Feature Description	When a Fire alarm is generated from a TWW Keypad, the appropriate system outputs are enabled.
Notes	

16 Feature: TWW Keypad Fire alarms are logged.

Feature Description	When an TWW Keypad Fire alarm is activated, the alert is logged.
Notes	Check the logs after activating a Fire alarm from the TWW Keypad.

17 Feature: TWW Keypad Fire alarms are reported.

Feature Description	When an TWW Keypad Fire alarm is activated, the alert is reported and displayed on the Web browser summary page and wired keypads.
Notes	Checks the appropriate messages are displayed on the Web Browser and RKD menus

18 Feature: TWW Fire Alerts can be restored.

Feature Description	TWW Keypad Fire alerts can be restored from Web browser and RKD keypads.
Notes	Test the TWW Keypad Fire alert can be restored from <ul style="list-style-type: none">• Web Browser• Wired Keypad menu

19 Feature: If an Engineer is on site, the trouble LED will turn on on the TWW Keypad.

Feature Description	If an Engineer is on site, the trouble/warning icon on the TWW Keypad will turn on
Notes	When an engineer is on site, the keypad must be pressed to display the warning icon status. This will stay on for 3 seconds and the keypad will go back to sleep. Check that the keypad states change status with the Engineer on/off site.

20 Feature: Alarm Status Indications for TWW Keypad.

Feature Description	Alarm Status is displayed on the TWW Keypad
Notes	Generate a zone alarm and verify the status is displayed on the TWW Keypad

21 Feature: Medical/Fire/Panic Alarm Status Indications for TWW Keypad.

Feature Description	Tamper/Medical/Fire/Panic Alarm Status is displayed on the TWW Keypad
Notes	Generate a Tamper/Medical/Fire/Panic alarm and verify the status is displayed on the TWW Keypad

22 Feature: Arming via Pin code entry on TWW Keypad.

Feature Description	A valid user can arm/fullset the system by entering their pin code on the TWW Keypad
Notes	Enter a valid user code followed by the Away Arm key

23 Feature: Disarming via Pin code entry on TWW Keypad.

Feature Description	A valid user can disarm/unset the system by entering their pin code on the TWW Keypad
Notes	Enter a valid user code followed by the Enter key

24 Feature: Part arming via Pin code entry on TWW Keypad.

Feature Description	A valid user can part arm/set the system by entering their pin code on the TWW Keypad
Notes	Enter a valid user code followed by the Stay Arm key

25 Feature: TWW Keypad Fob Arming.

Feature Description	Arm/Fullset the system using a FOB on a TWW Keypad
Notes	Press the Away Arm key on the TWW Keypad followed by the Fob to arm the system.

26 Feature: TWW Keypad Fob Disarming.

Feature Description	Disarm/unset the system using a FOB on a TWW Keypad
Notes	Press the Enter key on the TWW Keypad followed by the Fob to arm the system.

27 Feature: TWW Keypad Fob Partset.

Feature Description	Partset the system using a FOB on a TWW Keypad
Notes	Press the Stay Arm key on the TWW Keypad followed by the Fob to Part-set the system.

28 Feature: TWW FOB Enrollment.

Feature Description	Support for adding FOBs compatible with the TWW Keypad.
Notes	Test FOB enrolment with both the web browser and rkd keypad.

29 Feature: Quick Fullset/Arming on TWW Keypad.

Feature Description	Users can quick set the system without entering their user code or swiping their fob if enabled.
Notes	<ul style="list-style-type: none">• The Fullset Option must be enabled in the TWW Keypad configuration.• Hold the Away Arm key for 3 seconds

30 Feature: Quick Partset on TWW Keypad.

Feature Description	Users can quick partset the system without entering their user code or swiping their FOB if enabled.
Notes	<ul style="list-style-type: none">• The Partset A Option must be enabled in the TWW Keypad configuration.• Hold the Stay Arm key for 3 seconds

31 Feature: Authenticate users using the TWW keypad.

Feature Description	Process TWW keypad PINs and authenticate users. Add support for duress, code tamper, user rights, user and keypad accessibility.
Notes	

1 Feature: Signal Strength for TWW Keypad is displayed in the Web Browser.

Feature Description	Display the signal strength of enrolled TWW Keypad in the TWW Status page and Configuration page.
Notes	Move the TWW Keypad away from the SPC panel to decrease the signal strength. The signal should decrease accordingly.

2 Feature: Battery Level for TWW Keypad is displayed in the Web Browser.

Feature Description	Display the battery level of enrolled TWW Keypads in the TWW Status and Configuration pages.
Notes	Test the keypad with full and low batteries to change the status of the battery level.

1 Feature: Added partial TWW keypad support.

Feature Description	<ul style="list-style-type: none">- Added initial TWW keypad support in the RF communication stack.- Added TWW keypad support in the web interface (device list, enrol and edit).- Added TWW keypad support in the keypad (device list, enrol and edit).- Added intruder support for issuing panics.- Added support for TWW keypad alerts.- Implemented TWW keypad 'fail to set' and 'device lost'.- Implemented support functions for checking led/buzzer policy, user access to keypad area, alerts/faults/area states to be indicated and user code verification.
Notes	

2 Redesign: Changed TWW and OWW web interface back-end.

Feature/Bug Description	Modularized the web interface back-end in order to provide easier support for keypads.
Notes	

3 Redesign: Changed TWW status message processing.

Feature Description	Modularized the TWW device status processing in order to provide support for keypads and PIR CAMs.
Notes	

4 Redesign: Changed both OWW and TWW sensor logging.

Feature Description	Sensor logging now takes into consideration the sensor configuration (e.g. tamper configuration).
Notes	Previously, indifferent of the sensor tamper configuration a tamper would be logged.

5 Improvement: Repeated TWW messages are now identifiable.

Feature Description	If a TWW sensor/output/keypad message is repeated this will be visible in the web interface TWW device list, in the web interface TWW enrol list and in the web interface TWW sensor logs.
Notes	

6 Improvement: Make web interface enrol form and edit pages similar.

Feature Description	The web interface enrol form and edit pages are now identical in order to simplify default device configurations.
Notes	The TWW device enrol procedure has also been slightly tweaked.

7 Improvement: Enrolled detectors and outputs have prefilled descriptions.

Feature Description	Added prefilled descriptions for detectors and outputs.
Notes	

8 Improvement: Added more statuses in the web interface TWW enrol list.

Feature Description	Previously the web interface TWW enrol list displayed just the 'alarm', 'tamper' and 'close' statuses. Added more statuses in order to confirm the device identity more easily
Notes	