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SPC

Release Version

3.14.1

RELEASE NOTES

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Release Summary

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1   Feature: Improvements to mapping gates status and configuration pages

Feature/Bug Description	- Improvements to mapping gates status and configuration pages List of changes: - Improved mapping gates status page by adding a column with the gate number, improving the header row, and removing percentage setting so that it displays better with all zoom sizes. - Improved mapping gates configuration page by showing gate name. The advantage is that the installer more easily knows what gate he is adding triggers to, instead of just gate number as before.

2   Feature: New 'Indicator Access' trigger condition in profile tab

Feature/Bug Description	New 'Indicator Access' trigger condition in profile tab List of changes: - new feature: Indicator Access trigger condition in profile tab - improvements in trigger web pages, including visible strings - some code refactoring, especially for trigger profile conditions, to remove redundant code and for efficiency.

3   Feature: New 'Indicator Access' trigger condition in User tab

Feature/Bug Description	New 'Indicator Access' trigger condition in User tab
	
	List of changes:
	- System timers page: changed strings for keypad timeout and its help, now indicators are also mentioned.
	- Trigger condition add page:
	    - Keypad access: changed order of columns.
	    - Indicator access: new feature. This row in the table is shown only if there are indicators in the system. No trigger is issued in engineer mode.
	    - Cosmetic changes, such as removing unneeded column, capitalisation, etc.
	- Minor bug fix: added validation for keypad access trigger condition.
	- Minor bug fix: added string for WPA description (was wrongly using string for panic fob).
	- Some code refactoring, especially for keypad access and indicator card deactivation.

4   Feature: Indicator Card Reader Trigger Mode

Feature/Bug Description	Indicator Card Reader Trigger Mode

5 Feature: New 'Silence Bells' action for area trigger

Feature/Bug Description	- New Silence Bells' action for area triggers

6 Feature: New 'Delayed Fullset' action for area trigger

Feature/Bug Description	- New 'Delayed Fullset' action for area trigger - Improved layout of Area and Door Trigger pages

7 Feature: add web interface support for 3 new TWW detectors.

Feature/Bug Description	Add support in the web interface for the 0x36 (glass break detector), 0x38 (flood detector) and 0x39 (vibration sensor) TWW detectors.
Interface Changes	The 3 newly supported TWW detectors will behave similarly with all the previously supported TWW detectors (MAG, PIR, SMK). Their configuration support: - The flood detector supports the "LED" and "supervision" configurations. - The vibration sensor supports the "arm/disarm", "LED", "shock sensitivity" and "supervision" configurations. - The glass break detector supports the "LED" and "supervision" configurations.

8 Feature: Add keypad interface support for 3 new TWW detectors.

Feature/Bug Description	Add support in the keypad interface for the glass break detector, flood detector and vibration sensor TWW detectors.
Interface Changes	The 3 newly supported TWW detectors will behave similarly with all the previously supported TWW detectors (MAG, PIR, SMK). Their configuration support: - The flood detector supports the "LED" and "supervision" configurations. - The vibration sensor supports the "arm/disarm", "LED", "shock sensitivity" and "supervision" configurations. - The glass break detector supports the "LED" and "supervision" configurations.

9 Feature: add the option to disable the internal magnet on a TWW vibration sensor.

Feature/Bug Description	Add support in the web interface for enabling and disabling the internal magnet that is fitted on all TWW vibration sensors.
Interface Changes	The option to enable/disable the internal magnet will appear on the configuration and enrol webpages specific for a TWW vibration sensor.

10 Minor change: update copyright year to 2023

Feature/Bug Description	Minor change: update copyright year to 2023.

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11 Minor indicator feature change: avoid reducing backlight time when a keypress happens after a card swipe

Feature Description	Minor indicator feature change: avoid reducing backlight time when a keypress happens after a card swipe.
	Previously an indicator keypress would always restart the indicator backlight timer for 10 seconds. With this change this will happen only if the timer has less than 10 seconds to run.

12 Improvement: added support for a new 4.7 message which adds more details about the communication with a TWW device.

Feature Description	The 4.7 RF transceiver adds a new message that provides details about a TWW device RSSI and whether a TWW device status is repeated. *"The message is sent to inform about device RSSI when device status message was already sent. Actually, sent when packet retransmitted."*.

13 Improvement: add support for new PCB hardware chip

Feature Description	Add support for a new chip used on the SPC controller

14 Bug-fix: display the non-repeated RSSI in the TWW device list in case of duplicate.

Bug Description	If a device packet is received directly by the transceiver, then the RSSI for the duplicate packet received via repeater is ignored in the TWW device list. The TWW sensor log is not affected and the RSSI for the duplicate packet received via repeater is logged normally.

15 Bug-fix: fix wrong TWW smoke configuration after SPC start.

Bug Description	Only 0.2.0.0 or higher TWW smoke detectors can be configured while using a 4.7 TWW transceiver. Immediately after start-up, the SPC misidentifies a configurable TWW smoke as a non-configurable one. As a result, the configurable TWW smoke has its LED always turned off and its supervision time set to 7 minutes. This wrong configuration is fixed manually (if an engineer configures the TWW smoke) or automatically (max 27 minutes after start-up).

16 Bug fix: indicator backlight timer was stored in a too small variable.

Bug Description	Bug fix: indicator backlight timer was stored in a too small variable. The result was that if set for more than 25 seconds, the set value would be clipped to 8 bits.
Developer Test Notes	The backlight timer works with reader mode disabled or enabled (but not in engineer mode). Please note that the setting in the screenshot below applies after a card swipe. If a key is pressed on the indicator, the backlight timer is also started, but in this case it is a hard-coded value of 10 seconds which is renewed for each keypress and has nothing to do with the setting below. Also, if the timer was started after a card swipe, and is for example at value 25 seconds, then pressing a key reduces the timer to 10 seconds. Also note that the ramp-up of the light on the backlight takes 0.2 seconds; the fade-out takes 2 seconds, which are in addition to the configured time. This is the way the panel has always worked and I have not changed it. My fix was just for the bug for the timer after a card swipe. *Keypad/Indicator* **Keypad/Indicator Timeout** [25] Seconds For keypads: how long the wait for PIN entry before leaving the menu. For indicators: how long LEDs and backlight are on and card data is valid after card swipe. (10 - 300)