Security Systems

BOSCH

Technical Information	Date:	04.06.2018
	Official:	Marier
	Department:	BT-FIR/MKP3

Tech. Information No.	2172 / 2018
Subject:	FPA-5000: new firmware 2.21.2 and RPS 4.10.3 release

Short Description:	- New feature: display of detectors 10-digit serial number/ID
	- Fixed: sporadic FNM-420 trouble
	- See "new features" and "solved issues" below for detailed information

Hardware	☐	☐ Device	☐ Module	☐ PCBA
Software	☒	☒ Application	☐ Driver / Extension	☒ Firmware

Affected Products (details)	CTN	SAP no.	Aff. version	New version
Main Panel Controller	MPC-xxxx-C	all languages	2.20.3	2.21.2
Main Panel Controller	MPC-xxxx-B	all languages	2.20.3	2.21.2
Main Panel Controller	FPA-1200-MPC-C	all languages	2.20.3	2.21.2
Main Panel Controller	FPA-1200-MPC	all languages	2.20.3	2.21.2
Main Panel Controller	FPA-1100-DE	F.01U.316.057	2.20.3	2.21.2
Remote Keypad	FMR-5000-C	all languages	2.20.3	2.21.2
Remote Keypad	FMR-5000	all languages	2.20.3	2.21.2
FPA configuration tool	FSP-5000-RPS	F.01U.005.615	4.9.3	4.10.3

Number of delivered devices			
Period of delivery	from:		to:
Affected serial numbers	from:		to:

Priority Level		Criterion
I	☐	The change has to be made **immediately** (see dates below)
II	☐	The change has to be made during the next inspection.
III	☒	Change has to be made, if the error pattern recurs and with new installations.
None	☐	General Information (like new tool, new feature, new SW release)

Action Plan	
☒	Inform customers
☐	Arrange re-work of stock (CSO)
☐	Arrange re-work of stock (customer)
☐	Arrange re-work of installed products
☐	See detailed actions on following pages

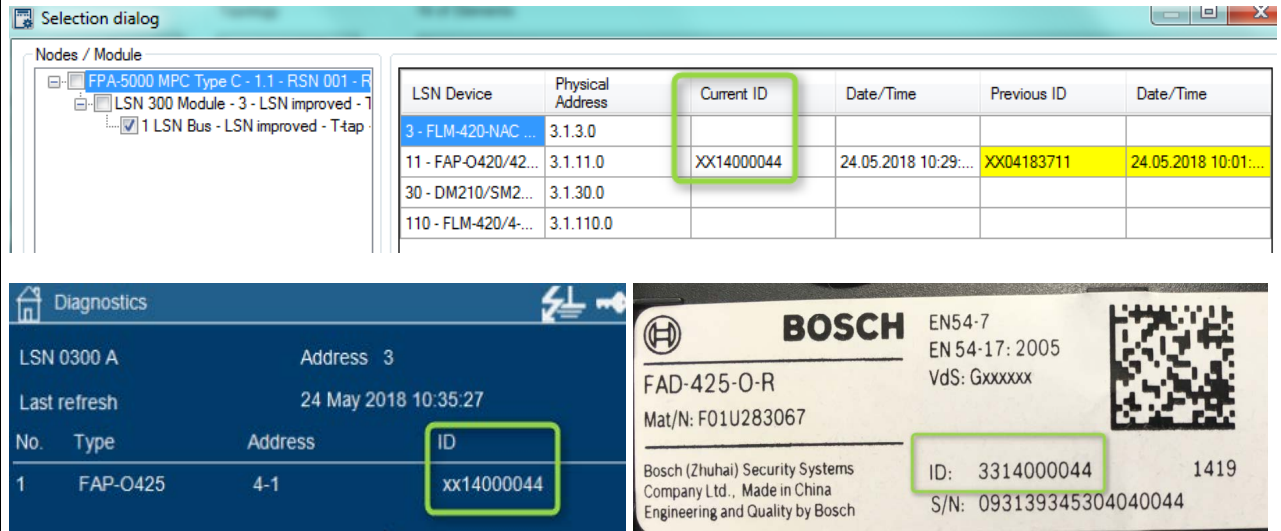| **Start Date**		**Completion Date**	

New Features

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1.1. Display printed IDs of detectors in the panel and the RPS software

This feature allows to see the identical ID numbers printed on the detector label also in the panel. Detectors which are now identifiable by its 10 digit ID number, the first two digits are replaced by a XX. This applies to elements with the same type-ID but different type-code.

For RPS the first two digits are always represented as XX.

1.2. Control of sounders via sets

Now it is possible to trigger the activation of all sounders in a set (output group) via UGM2040 or BIS.

1.3. Automatic reset of transmission path fault of transmission device

In case of a fault of a transmission path of a transmission device, the corresponding trouble does not require a reset if the fault root cause is no longer present. So it disappears automatically if the transmission path(s) is (are) working again.

1.4. Improvements for "Personalized Menu"

- Invoking the Personalized Menu via Remote Terminal is now possible (accessible via Key combination "Home + 3")
- Now allows to trigger action to NACs which are in a set (this applies to user defined sets).

1.5. Detector removal for Hongkong Market

Now it is possible to configure detector removal via FSP-5000-RPS.

Solved Issues

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1.1. Random NAC Sounder Trouble

FNM-420-x sounder reported troubles after hours to days even if no trouble cause was present. This error has been fixed within the firmware of the FPA-5000 Panel Controller. No exchange of sounders necessary.

1.2. Transmission device not activated in case of A-C Short

It was not possible to activate a transmission device in case of a continuous activation of the feedback lines for a transmission device (short of A-C). This issue has been solved.

1.3. FPA-5000 USB Driver does not work with most recent Windows 10 version

The USB Driver now works with all versions of Windows 10.

1.4. FAT does not work if more than 12 nodes are in the network

The FAT now works if the number of nodes in the same scope is less or equal to 12.

1.5. Intermediate Alarm Storage of a conventional detector with EOLM

The intermediate alarm storage now works with a conventional detector connected to a FLM-420/4-CON regardless if the conventional line is terminated with an End-Of-Line-Module instead of an End-Of-Line-Resistor.

Problem description

Cause

Action

Notes

- MPC firmware V2.21.2 is compatible with OPC Server 1.4.2 and 1.4.3 and also FSI-lib 1.4.2 and 1.4.3

- Download all technical bulletins (TIs) and released software from the 'ST-FIR Tech Support' sharepoint

(registered users only)

Required Components	Part no.

Attachment(s)

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BU Manager	Knauel	**Clerk in Charge:**	Marier

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