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Technical Information	Date:	12.03.2018
	Official:	Marier
	Department:	BT-FIR/MKP3

Tech. Information No.	2158 / 2018
Subject:	FPA-5000 firmware 2.20.6:
	sporadic FNM-420-x fault messages displayed

Short Description:	In rare cases the combination of MPC firmware 2.20.6 and the FNM-420 series can lead to sporadic fault messages. Therefore it is required to use MPC firmware 2.20.3 which is officially released with this TI.

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	V2.20.6	V2.20.3
Main Panel Controller	MPC-xxxx-B	All languages	V2.20.6	V2.20.3
Main Panel Controller	FPA-1200-MPC-C	All languages	V2.20.6	V2.20.3
Main Panel Controller	FPA-1200-MPC	All languages	V2.20.6	V2.20.3
Main Panel Controller	FPA-1100-DE	F.01U.316.057	V2.20.6	V2.20.3

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	

Security Systems

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New Features

MPC 2.20.3:

- Support of the new Day Mode LED
  This LED is switched on if the day mode is active. This LED is visible even if the display is switched off (dark mode). This is required when alarm verification could be invoked in case of an alarm.
- The day / night mode symbol is also displayed with a sun and or moon icon. Additionally a split icon showing half a sun and half a moon was introduced. If this icon is visible, the network panel you are looking at is in night mode, but other nodes in the scope are in day mode.

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Problem description

Sounders of the FNM-420 series may report a trouble when connected to a panel controller running on firmware 2.20.6. Those troubles can appear up to 2 days after restarting the panel controller. The reason is, that the monitoring for affected sounders reports a missing device even though it is fully functional.
They can be reset and return to normal state afterwards. However, they may reappear again at any given time.
Note: In case of a fire alarm the configured sounders will get activated, even if they show a trouble related to this error description.

Cause

Action

Before replacing the firmware 2.20.6 with 2.20.3, please upload the existing 2.20 configuration to your computer. The previously uploaded configuration can be downloaded directly to a panel controller running the firmware 2.20.3.

Notes

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

Required Components	Part no.

Attachment(s)

BU Manager	Knauel	Clerk in Charge:	Marier

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Distribution

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