

## Release AFP-2800 Firmware V7.00

NOTIFIER is pleased to announce the release of the AFP-2800 Firmware V7.00

The new release consist of updates related to the AFP-3030 release. The firmware version 7 or above allows now to network the AFP-2800 with the AFP-3030 via NOTI.FIRE.NET and an NCA-2. The NCA-2 should be used as the master in the network and can be used as the control and display for both AFP-3030 and AFP-2800 panels.

For comprehensive detail about how the AFP-2800, the AFP-3030 and the NCA-2 operate in a mixed network environment please consult the manual, see chapter 9.15: [AFP-2800/2802 Operation, Installation and Programming Manual - Rev F](#)

A summarized one page overview sheet is also available: [DOC-12-012 - Mixed Network Interactions Rev B](#)

		From:				To:			
		NCA-2 networked to...		AFP-3030 networked to...		NCA-2 networked to...		AFP-2800 networked to...	
		AFP-3030	AFP-2800	NCA-2	AFP-3030	AFP-2800	NCA-2	AFP-3030	AFP-2800
OPERATIONS	Display of Network Events	N/A	N	N/A	N/A	N	N/A	N/A	Y
	See Network Events for a single device on networked panels?	Y	Y	N	N	N	N	N	Y
	Read Status from keypad	Y	Y	Y	Y	Y	N	N	N
	Read Status of zones on networked panels?	Y	Y	N	Y	Y	N	Y	Y
	Read Device Status of a single device?	Y	Y <sup>1</sup>	Y	Y	Y <sup>1</sup>	Y	Y	Y <sup>1</sup>
	Isolate/De-isolate from keypad	N/A	N	N/A	N/A	N	N/A	N/A	Y
	Isolate/De-isolate AFP-2800 conventional IZP zones on networked panels?	Y	Y	Y	Y	Y	Y	Y	Y
	Isolate/De-isolate analog devices on networked panels?	Y	Y	Y	Y	Y	Y	Y	Y
	Isolate/De-isolate zones on networked panels?	Y	Y	Y	Y	Y	Y	Y	Y
	Other controls using the keypad								
	Perform an Alarm Device Test on networked panels?	Y	Y <sup>2</sup>	N	N	N	N/A	N/A	N/A
	Perform an Alarm Device Disable on networked panels?	Y	Y <sup>2</sup>	N	N	N	N/A	N/A	N/A
	Perform a BELL Output Isolate on networked panels?	N/A	N	N/A	N/A	N	N/A	N/A	N
	Perform a Smoke Control Test on networked panels?	Y	N	N	N	N	N	N	N
	Perform an Smoke Control Disable on networked panels?	Y	N	N	N	N	N	N	N
	Enable/Disable delay output control on networked panels?	Y	N	N	N	N	N	N	N
	Operations using scripts								
	Include AFP-2800 conventional IZP zones on networked panels in a local script?	N/A	N	N/A	N/A	N	N/A	N/A	N
	Include analog devices on networked panels in a local script?	Y	Y	Y	Y	Y	N	N	N
	Include zones on the networked panel in a local script?	Y	Y	Y	Y	Y	N	N	N
Include Logic Zones/Netpoints on networked panels in a local script?	Y	Y	Y	Y	Y	Y	Y	Y	

**Table 1.1 (1 of 2)**

AFP-2800/AFP-3030/NCA-2 Mixed Network Interactions — PIN DOC 12-012-B 09/09/2016 Page 1 of 2

	From:							
	NCA-2 networked to...		AFP-3030 networked to...		NCA-2 networked to...		AFP-2800 networked to...	
	AFP-3030	AFP-2800	NCA-2	AFP-3030	AFP-2800	NCA-2	AFP-3030	AFP-2800
Operations using ICS								
Use ICS to control the output of a relay device on networked panels?	Y	N	N	N	N	N	N	Y <sup>5</sup>
Use ICS to monitor a relay detector, a relay input module & zones on networked panels?	Y	N	N/A	Y	Y	N	N	Y <sup>5</sup>
Use ICS to monitor a relay output module on networked panels?	Y	Y	N/A	Y	N	N	N	Y <sup>5</sup>
Use ICS to isolate/De-isolate analog input devices & zones on networked panels?	Y	Y	N/A	Y	Y	N	N	Y <sup>5</sup>
Use ICS to isolate/De-isolate analog output devices on networked panels?	Y	N	N/A	Y	N	N	N	Y <sup>5</sup>
Use ICS to control, monitor, isolate/De-isolate AFP-2800 conventional devices on networked panels?	N/A	N	N/A	N/A	N	N/A	N/A	Y <sup>5</sup>

**Table 1.1 (2 of 2)**

- Reading Device Status of an AFP-2800 Type 2 heat detector will return an incorrect reading.
- Warning System is the default Alarm Device on the AFP-2800.
- See DOC-01-010 - AFP-2800/2802 Manual - Section 9.15.2 PROGRAMMING AND OPERATION and POINTS AND ZONES USED FOR NETWORKING.
- Relays cannot be isolated directly, use a separate output with a script to the Netpoint from the NCA-2.
- Using Netpoints.
- Use isolate groups on AFP-2800 panel.

AFP-2800/AFP-3030/NCA-2 Mixed Network Interactions — PIN DOC 12-012-B 09/09/2016 Page 2 of 2



**This release includes the following:**

**Key features:**

- We can network the AFP-2800 with the AFP-3030 via the NCA-2. e.g.:
  - Events can be acknowledged on the AFP-2800 from the NCA-2.
  - Devices can be disabled/enabled on the AFP-2800 from the NCA-2.
  - A panel reset on the AFP-2800 can be initiated from the NCA-2.
  - Events on the AFP-2800 can be acknowledged from the NCA-2 by pressing the buzzer silence button.
  - Pressing Silence/Resound Alarm on the NCA-2 will silence the Bell Output on the AFP-2800.
  - Warning System Isolate on an AFP-2800 will activate when the Alarm Devices are disabled on an NCA-2.
  - NCA-2 can read the S-state (actual state) of an AFP-2800 device through by mapping the device state to a net point.
  - Alarm Device compatibility between AFP-2800 and NCA-2 by using scripts.
- Device will not be in fault and in other off normal states at the same time.

**Retired features:**

- The number of net points which are available for isolated groups has been reduced. Net points 900, 901, 902, 920 and 980 cannot be used for isolate groups any more.
- VP890, VP891, VP892, VP893 are now reserved for networking functions and cannot be used for anything else.

**Resolved issues:**

- Incorrect event message during power up causing clearing of event list on other panel.
- Possible indefinite loop while resetting all alarms.
- Stop devices from staying in fault and off normal the same time.
- Potential Memory corruption when using isolate groups.

**Compatibility:**

- AFP-2800 CPU Version IFS-713C
- All AFP-2800 on the same network must be upgraded to V7.00 B16 software.
- When used on an Australian NCA-2/AFP-3030 network all NCA-2 and AFP-3030 panels must be upgraded to V23.11 firmware or above.

**Installation Steps:**

1. Upload the panel configuration using PCI V6.01 or above.
2. Check that firmware of below devices are as indicted or contact Tech Team:
  - a. FIM (termination board) V2.03 firmware
  - b. LIM (Loop Interface Module) is V2.04 firmware
  - c. NIM (Network Interface Module) with V2.02 firmware
3. Turn the panel off and replace the LCM flash IC with V5.01 or above.
4. Turn panel on and download the CPU firmware using the PCI.
5. Download the original configuration using PCI.

**Additional Notes:**

- Pre V6.xx - For detailed release notes refer to version specific release notes.
- V6.xx and above firmware is only compatible with IFS-713 CPU boards.
- Panels networked together must be of the same build type and must all be of the same revision number.

Please contact your NOTIFIER technical support for any technical questions.