

Date: 19th March, 2008

Affected Products: AFP-2800/2802 - Firmware / PCI / Manual
XLS-2000 - Firmware / PCI / Manual

AFP-2800 / AFP-2802 / XLS-2000 firmware

Version 5.03.04 firmware is now released for the AFP-2800 and its variants. This upgrade includes the following changes.

- Added SYSTEM NORMAL event to the history. This event is saved in the history when all event counts become 0.
- Split the GLOBAL -> 1) SYSTEMS options into 2 sections and moved all the printing options to 6) PRINT menu to allow addition of new options.
- Added new option to the GLOBAL -> 6) PRINT menu to change the printer output format to be the same as NFS2-3030. This option was added specifically to facilitate the connection of a FieldServer Modbus interface to AFP-2800 printer port.
- Added extra checks to the networking code to re-initialise the network if the network buffers are full which would result in network event being added to lists as unnamed points. The buffers for network names are now cleared when there is a SYSTEM NORMAL event to improve the reliability of the buffers.
- Fixed an issue that could upset the network operation if the panel was powered up with more than 680 events in the lists. Due to the large number of off-normal points, the network message queue could overflow resulting in missed messages. This version of firmware does not queue events until the network has come online and the transmission of off normal events have started.
- Addressed an issue where the zones information was not stored correctly after being downloaded from the PCI causing zones to be displayed as unnamed points. This issue only affected panels with a large number of zones with long names. As a rule of thumb, any panel with more than 300 zones could be affected.
- Addressed an issue where the status of network events was not printed correctly through the printer port output. Only alarm events were printed and faults and isolates were left as blank.
- Fixed the upload of day/night settings so that PCI V5_03 can be used to upload and display the day/night settings correctly.
- Fixed a bug in handling 1010/2020 zones that activated the corresponding net point if the 1010 zone was in alarm or fault. Now the netpoint only activates if the 1010 zone goes into alarm.
- If ground fault monitoring is disabled the panel will now search for existing ground fault in the fault list and remove it automatically.
- The build number is now displayed for the loop firmware version in the loop utilities screen.
- FDM-1 modules are now programmed as FMM-101 rather than FMM-1
- Modified the firmware so that addressable points not installed on the panel can not be added to the isolate list or reset by isolate groups etc...
- Fixed an LCD-80 annunciator mode issue that did not display messages above 32 correctly.

- Increased the max number of isolates to 700 instead of 400.
- The user is now asked to confirm forced activation of an output when the ON button is selected in the read status screen.
- This version of firmware displays the type of double address device found after an auto-program (detector or module instead of "device").
- The label for remote points was always printed as "unnamed" when printing lists through the print menu. This has been fixed.

NZ Specific Changes

- Modified NZ mode to use the warning system button as an EVACUTE button instead. Pressing the EVACUTE button is recorded in the history and activates the W/SYS output on the termination board. WI (Warning Initiated) can be used in scripts to activate other addressable sounders and relays.
- Modified NZ mode to activate the buzzer if the door is closed and the internal silence or evacuate key is still on.
- Modified NZ mode to create a fault after the BRIGADE SILENCE key is used and alarms are isolated on the panel. This fault is displayed as "REMOTE ALARMS SILENCED" and can be reset by the operator. Note that in NZ standards, remote alarms refer to alarms monitored by a remote receiving centre and not network alarms.

Known Issues

- Conventional inputs with AVF can not be programmed as non-latching. These inputs will always latch when in alarm irrespective of their latch settings in the program.
- LCM cards might not work correctly if the panel is turned off and back on in less than 10 seconds. Always wait 10 seconds after powering the panel down before turning it back on.
- System normal event is not printed after a system fault has occurred. I.e. if a panel has no events on it, then program mode is entered a fault is added to the list but when programming mode is cleared the fault list returns to 0 but the system normal event is not logged or printed.
- Zone names displayed on a remote panel have a maximum of 20 characters instead of 28.
- The day on the 3030 printer output may not match the date on the 3030 printer output.
- When there is a Ring Comms fault, after it has been cleared the fault is not removed from the panel. It stays there until the FIM has been reset. This is only an issue if there are no modules on the ring.
- Panel does not reset all its annunciator points on power up. An SCS-8 can have LEDs still on from the previous program if they do not have a script associated with them.
- The bell isolate and warning system isolate do not have node numbers when they are sent to the printer.

AFP-2800 / AFP-2802 / XLS-2000 PCI

Version 5.03.02 of the PCI programming suite is now released. This upgrade includes the following changes.

- Fixed an issue that allowed the user to upload/download a password protected panel by entering "0" as the password irrespective of the actual password in the panel.
- Fixed an issue where ring 2 was accepted as a valid module address for conventional points.
- Fixed a couple of areas where the user could select cancel in file save dialogue and the PCI would close instead of staying open. Selecting save in PCI then cancelling -> selecting exit and PCI did not ask to save before closing.
- Fixed an issue where F, S & P operator were accepted before special points. E.g. SBI, SCA, PCA, SCF, P1.1.O1, STIM[MO]. FCA, ICA & SCA
- Fixed a bug where the PCI would not detect a syntax error following a range in scripts. E.G. "Z1 -> Z3, Z30 OR Z26;" would be accepted.
- Split the global options to 2 sections to fit new options. Printing options now have a separate tab in the global settings.
- Added NFS2-3030 printing format option to work with V5.03 CPU firmware.
- Added day/night settings to the global options.
- Fixed a run time error 35601 caused by editing a device with an address that was changed but related information was not refreshed in the data grid. The problem was fixed by refreshing the data grid after every address change.
- Improved upload panel type function to work even if the panel is spitting out error messages on the debug port which could interfere with the panel type recognition.
- Fixed a run time error caused by resetting node option if a configuration did not exist. NEW -> cancel config -> reset node options
- When clicking the empty script field for the warning system output, the user is now prompted with a message explaining the default operation of the output depending on the Aus/NZ mode set in global options.
- Fixed a few labels to be consistent across the PCI and removed references to FlashScan and replaced with addressable.

AFP-2800 / AFP-2802 / XLS-2000 Manual

Version 5.03 manual incorporates the above changes. The AFP-2802 manual has also been incorporated into the AFP-2800 manual.

If you have any question please do not hesitate to contact me.

Sincerely,



James Edwards
Product Manager