

## MX1-AU V1.80 FIRMWARE RELEASE

*This bulletin announces the release of MX1-Au firmware V1.80, which supports the new MX AADs/VADs – P80SB, P80AVB, P81AVB, P80AVR, and P80AVW.*

MX1 firmware V1.80 has been fitted to MX1 panels manufactured since June 2020, and is included in SmartConfig V2.9.0 on the Fireplace. It can be installed in panels with earlier firmware by following the upgrade instructions later in this bulletin.

### **MX1 V1.80 firmware:**

- Supports the new MX AADs/VADs – P80SB, P80AVB, P81AVB, P80AVR, and P80AVW. Refer to PBK0032 for details on these devices.
- Fixed an issue with DDM800 modules being used in NZ Legacy Combined mode where a false alarm could be generated very occasionally.

### **NOTE**

You must use the latest version of SmartConfig (V2.9.0 or later) to prepare the site-specific database for MX1 panels with V1.80 firmware. Earlier versions of SmartConfig do not support V1.80 MX1 firmware.

### **Upgrading older panels to V1.80 firmware**

Older systems can be upgraded to V1.80 firmware as follows.

Upgrade the existing site-specific database to be compatible with V1.80 firmware using SmartConfig V2.9 or later. MX1 V1.80 will not run earlier databases correctly. Open the existing database in SmartConfig V2.9 (or later) and change the “Panel Version” on the System page to V1.8X. The database will then be automatically updated with the new profiles for the VADs. Refer to the MX1 Service Manual (LT0440) for more details on the upgrade process.

- Determine whether the upgraded database requires a PA1011 controller board to be upgraded to a PA1081 board (see “Replacing PA1011 controller with PA1081” below).
- Download the V1.80 firmware to the Controller board using SmartConfig.
- Download the upgraded database to the Controller board.
- Upgrade any MX Loop Cards to the latest firmware as necessary.
- Test the upgraded system to confirm correct operation. The scope of testing required will be determined by the scope of the changes made during the upgrade process.

The MX1-AU Operator Manual (LT0439) Issue 1.73 is unchanged by the firmware upgrade.

## Replacing PA1011 Controller with PA1081

If an existing system with a PA1011 controller is upgraded to *MX1* V1.8x, the PA1011 controller may not have sufficient memory capacity to run the new configuration.

It is recommended that, where possible, the database is upgraded in the office before attending the site. The SmartConfig database checking routines will indicate whether the upgraded database will require a PA1081 controller, in which case it may be prudent to carry a PA1081 to site in case it is required.

If a PA1011 in an existing *MX1* system needs to be replaced with a PA1081 Controller, then the following steps apply:

1. Ensure you have an up-to-date capture of the site-specific database for the panel.
2. Replace the PA1011 Controller with the new PA1081 Controller board.
3. Download the required version of firmware to the PA1081 Controller board.
4. Download the site-specific database to the PA1081 Controller board.
5. Test the system as necessary to confirm correct operation.

Details of these steps are provided in the *MX1-Au* Service Manual (LT0440).

## Ordering Information

The updated *MX1* firmware SF0412 can be obtained from Johnson Controls or downloaded from the [Fireplace](https://www.vigilant-fire.com.au) web site – <https://www.vigilant-fire.com.au>. It is also included in the SmartConfig V2.9.0 release.

Distributors and Resellers can access SmartConfig and SF0412 from the public “Resources” area of the [Fireplace](https://www.vigilant-fire.com.au). Select “Downloads ANZ” in the “Resources” drop-down menu at the top of the landing page.

**NOTE:** You will need administrator rights on your PC to install SmartConfig.

## Previous *MX1-AU* Firmware Versions

Details of earlier *MX1-Au* firmware releases can be found in the latest versions of Product Bulletins PBK0013, PBK0015, PBK0017, PBK0022 and PBK0026.