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Updating the Boot Loader for MADI cards

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The boot loader should rarely, if ever, need to be updated.

The boot loader can be updated as follows:

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   Method 1 - MADI card is already running boot loader v2.2.3 (or later)

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1. Hold in both of the front-card pushbuttons while hitting the Reset

   pushbutton. This will cause the MADI card to restart in boot download mode.

2. Download a new version of firmware via AZedit.

3. Once the boot loader has downloaded a new code image and reprogrammed

   itself, it will reset, and then restart in normal operating mode.

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   Method 2 - Required if the MADI card is running boot loader prior to v2.2.x

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1. Remove the MADI I card, and turn on DIP switch #8.

                MADI II card needs to jump JA1 pins 2 to 3???? It should have the right bootloader.

2. Holding in the 2 pushbuttons while installing (or powering up) the

   MADI. This will cause the MADI to restart in boot loader mode.

   The version string (on the I/O Card Version screen in AZedit) will

   identify that the card is in boot loader mode.

3. Download a new version of firmware via AZedit. (You can download either

   a new version of the boot loader, or a new version of the client code.)

4. Once the boot loader has downloaded a new code image and reprogrammed

   itself, it will reset, and then come up in debug-only mode because

   DIP switch #8 is on. Remove the card, turn off DIP switch #8, and

   then reinstall the card.