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Service Bulletin

Mandatory Titan CPU Firmware Update

Applicability: This notice applies to users of Titan model CPU04VR, CPU08VR and CPU12VR Channel Expanders.

Description: In DAQ systems that incorporate Titan Channel Expanders to collect CAN FD data, the volume of digital data that may acquired from the CAN FD bus could result in a loss of synchronization between the analog and digital data streams. This firmware update corrects for potential sync errors that may result in these systems.

Action: *This is a mandatory update* for those Titan users who acquire CAN FD data in systems using Titan CPU04VR, CPU08VR, or CPU12VR Channel Expanders. This update should be applied as soon possible.

This update is not mandatory for those Titan users who acquire digital data that *does not include* CAN FD data. However, the update is recommended as the Channel Expander(s) might be used at a later time in systems that may include the acquisition of CAN FD data.

Update files are located in the Download section of the Mars Labs web site under the Support tab:

http://www.marslabs.com/downloads

Note that you must be a registered user to access these files.

Download and unzip the update file to the computer that will be used to perform the update.
The update package includes three files:

1. CPUxxVR Firmware Update User Guide.pdf (MNL-1041)
2. Titan II Firmware Programmer.exe (SFT-2104)
3. Titan2-update-2.2.7-C12 (Update file)

Refer to the CPUxxVR Firmware Update User Guide for the update procedure.

Help: For additional information or assistance, please contact:

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Email: support@marslabs.com