

To: Daniel Ultrasonic Customers
Worldwide Sales Team
Worldwide Service Team

Date: 10-09-09

From: Dan Hackett, Marketing Director, Oil & Gas Ultrasonics

Subject: Daniel CUI 4.21 Update for Firmware v1.70

Bulletin #: DAN-GUSM-100909

Introduction:

Changes were made to wording of labels in firmware v1.70 from previous versions, and these cause a few compatibility errors for users having meters with v1.70 firmware and connecting to the meter using Daniel CUI 4.21. An update is available for Daniel CUI 4.21 to make it compatible with v1.70 firmware. The update, a modified dbconfig.xml file for Daniel CUI 4.21 must be copied into the existing Daniel CUI installation folder. (dbconfig782091.xml for Gas Ultrasonic meters, dbconfig101091L.xml for Liquid Ultrasonic meters)

Downloads:

[Gas ultrasonic meters – Daniel CUI 4 .21 update for v1.70 firmware](#)

[Liquid ultrasonic meters – Daniel CUI 4 .21 update for v1.70 firmware](#)

Action to be taken by user:

1. Close Daniel CUI if already open.
2. Copy over the file dbconfig782091.xml for Gas Ultrasonic meters, dbconfig101091L.xml for Liquid Ultrasonic meters into the Daniel CUI installation folder (typically C:\Program Files\Daniel\Daniel CUI) on your computer. If you have previously connected Daniel CUI 4.21 to a meter with v1.70 firmware you may be asked to replace the existing dbconfig xml file. Click yes to replace the file with the appropriate gas or liquid dbconfig xml file.
3. Reopen Daniel CUI and connect to meter.
4. Take a maintenance log and verify the Frequency and Current Output section is now present.
5. The patch has been successfully installed.

Issues that will be resolved:

1. Inability to successfully write configurations to meter from Field Setup Wizard and Edit/Compare Configurations screen.
2. The entire Frequency section and Current Output section of the Inspection Report in the maintenance log is blank.
3. The following new Latched Alarms won't be visible on the Monitor, Update Time Wizard & Maintenance Log pages of Daniel CUI 4.21:
 - IsCommErrAcqBdLatched
 - IsMeterVelAboveMaxLmtLatched
 - PressureInvalidLatched
 - TemperatureInvalidLatched
 - IsAvgSoundVelRangeErrLatched
 - IsAcqModeLatched
 - IsTooFewOperChordsLatched

As always, Daniel strives to be the undisputed global leader in delivering highly valued oil and gas fiscal measurement solutions and services to our customers. Please contact me with any questions regarding this product bulletin at 713-827-3389 or by e-mail at dan.hackett@emerson.com