



TOTALFLOW

Technical Bulletin 105

***MicroFLO and Xseries Trend
and Therms Database
Logging Issue***

Totalflow Technical Bulletin

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1. Purpose

To describe a potential problem using the Trend or Therms database with a MicroFLO and Xseries products.

Description

The database logging issue described in this bulletin only pertains to the FLASH images referenced in the table at the end of this document.

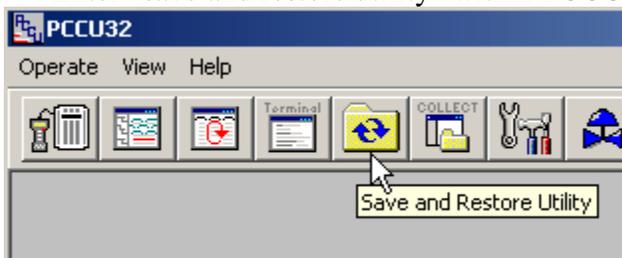
The Trend and Therms log files may not acquire and log data correctly. The system could also stop logging and not allow the operator to collect this information after a warm start is performed. The logging problem is caused when the configuration files become corrupted while initializing the files in either the trend or analysis directory of the remote device.

Correction Steps

- 1) Verify you have the original Trend and/or Analysis configuration file available before starting this procedure. These files need to be original files that were saved when you created the with the Analysis or trend file editors.
- 2) Make every attempt to collect any existing trend or analysis data because the following steps will erase this data
- 3) Collect the Flow Computer historical database
- 4) Save existing configuration using the “save and restore utility” feature of PCCU32

Flash upgrade procedure

- Verify lithium battery is enabled using jumper J13(XFC), J1(XRC and MicroFLO 6213)
- Using Totalflow’s Flashloader program, flash new image (see attachment for replacement FLASH image for your particular FLASH image)
 - Device should Warmstart after FLASH image download
- Enter “save and restore utility” within PCCU32

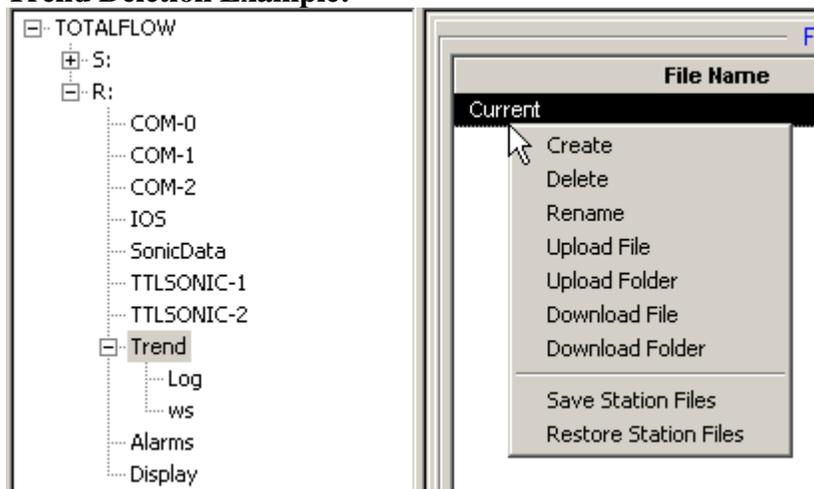


- Select “Trend” and/or “Analysis” folder on R: drive. Make a note of all file names within the Trend and Analysis folder on R: drive to be used later during restoration process.

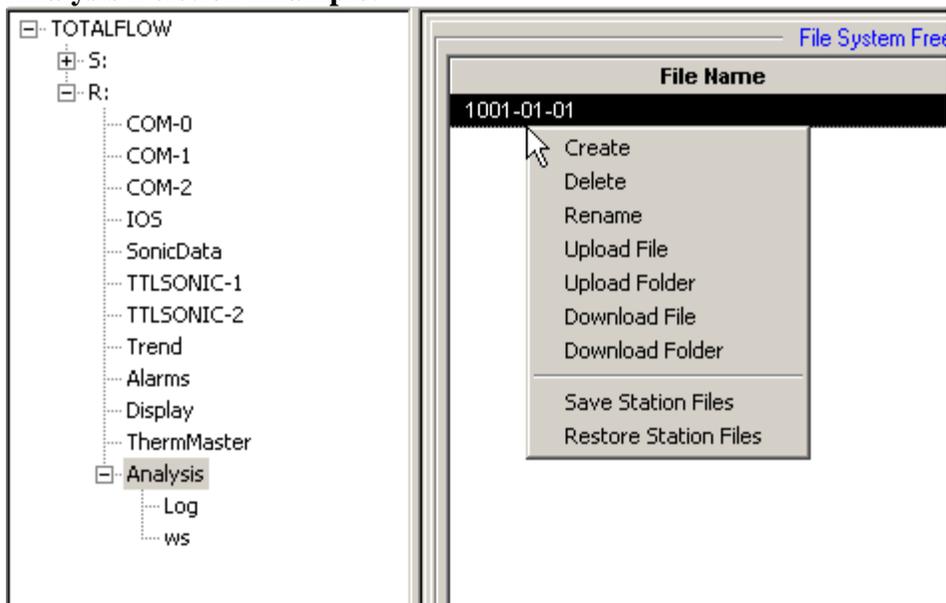
Deletion Procedure

- Highlight first file in this folder, right click and select the “delete” command. Continue this deletion process until all files within the “Trend” and “Analysis” folder are deleted. See examples below.

Trend Deletion Example:



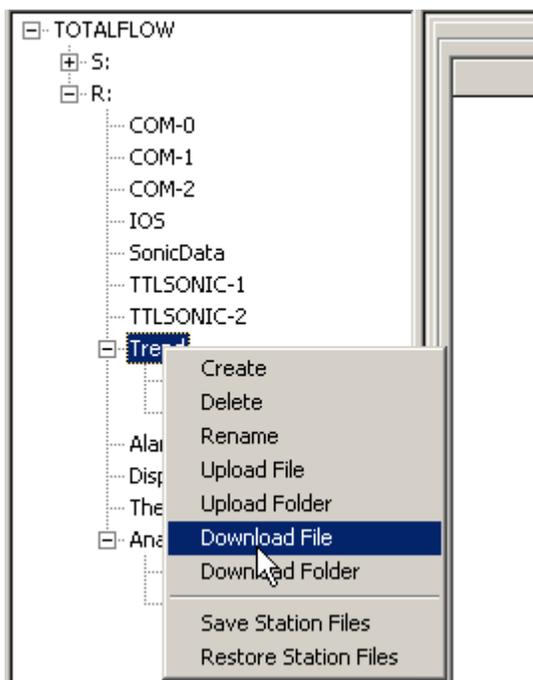
Analysis Deletion Example:



- Verify all files in the Trend and/or Analysis folders and sub-folders have been deleted.

Restoration Procedure

- Select “Trend” and/or “Analysis” folder on R: drive.
- Right click on folder and download original saved trend or analysis file using file name previously noted. **DO NOT USE FILES PREVIOUSLY SAVED USING THE “save and restore utility”.**
- If original configuration file cannot be located or not available use the standard tools (Trend or Analysis file editors) to create each file.



- Verify that files were created after the download into sub-folders "Log" and "ws" Using “Save and Restore Utility”.
- Next save current station files to your C: drive and restore to S: drive before leaving location. Also collect Trend and/or Analysis files to verify procedure was successful.



FLASH Release Containing Trend and Analysis Issue	FLASH Release Correcting Trend and Analysis Issue
2100395-009	2100395-011 or later
2100395-010	2100395-011 or later
2100805-009	2100805-011 or later
2100805-010	2100805-011 or later
2100825-008	2100825-010 or later
2100825-009	2100825-010 or later
2100826-011	2100826-014 or later
2100826-012	2100826-014 or later
2100826-013	2100826-014 or later
2100955-003	2100955-004 or later
2100964-002	2100964-003 or later
2101004-002	2101004-003 or later
2101005-002	2101005-003 or later
2101033-001	2101033-002 or later
2101034-001	2101034-003 or later
2101034-002	2101034-003 or later
2101048-002	2101048-004 or later
2101048-003	2101048-004 or later
2101050-001	2101050-003 or later
2101050-002	2101050-003 or later
2101051-001	2101051-002 or later
2101052-001	2101052-003 or later
2101052-002	2101052-003 or later
2101053-001	2101053-002 or later
2101203-001	2101203-003 or later
2101203-002	2101203-003 or later

NOTE: MicroFLO 6213's with FLASH image 2100917-all do not contain this Trend and Analysis logging problem.