

TOTALFLOW Technical Bulletin 110

MicroFLO and XSeries Potential Collection Problem using the Husky FS2 or MP2500

Totalflow Technical Bulletin

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ABB Inc.



1. Purpose

To describe a collection problem when using Itronix (formally Husky) FS2 or MP2500 handheld computer to collect data from the Model 6213 MicroFLO or XSeries products.

2. Description

Database 2 (DB2) FS2 and MP2500 collections can be corrupted. The corruption is based on the number of the three records (log records, daily records and events) being collected. This problem does **not** occur when using the FS2 or MP2500 to collect data from older style 6400/6700/6600 Flow Computers.

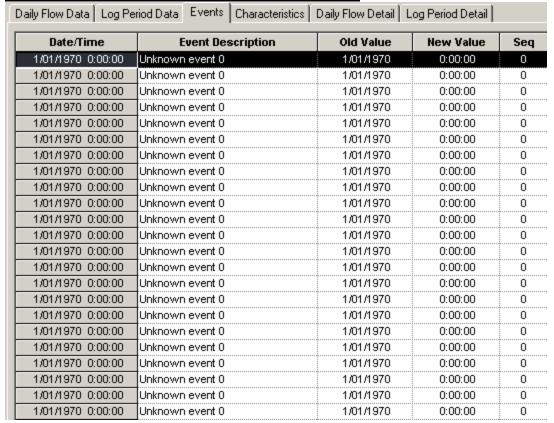
The corruption is caused by the Flow Computer based on the number of events, log records or daily records contained in the Flow Computer at the time of collection. Due to the nature of the problem the events and log records typically cause the failure to occur. In general the problem can occur whenever the events file exceeds 113 records or when the log records exceed 81.



3. Symptoms

The events within the archive record will show "Unknown event" for all events with 1970 for the date/time stamp.

Events File From Problematic FS2 DB2 Collection



4. Workaround

- a) Use PCCU32 to collect historical data from the MicroFLO or XSeries product
- Use WinCCU to remotely collect historical data from the MicroFLO or XSeries Flow Computer

5. Conclusion

All MicroFLO and XSeries releases through October 2003 contain the FS2 DB2 collection problem described above. The following FLASH releases correct the problem.

MicroFLO

2101048-008 or newer



XSeries

2100825-014 or newer 2100826-020 or newer 2100395-016 or newer 2100805-016 or newer 2101050-006 or newer 2101052-006 or newer

ABB has also released Husky FS2 Itronix MP2500 firmware to correct the download problem without necessarily changing Flow Computer FLASH. The following handheld releases correct the problem.

Itronix (formally Husky) FS2

2018583-008

Itronix (formally Husky) MP2500

2100329-006