



FieldServer Driver - Serial FS-8700-59 Canatal Satchnet Driver

Description

The Canatal Satchnet Protocol Driver allows the FieldServer to transfer data to and from devices over either RS-232 or RS-485 using Canatal Satchnet Protocol Driver protocol. The FieldServer can emulate either a Server or Client.

This driver provides support for the Canatal International implementation of the "Satchwell Network" protocol.

The Canatal Satchnet Protocol Driver can act as a Satchnet Master.

- Any Satchnet device on any serial port (P1-P8, R1 & R2) can be polled by FS-X40 Servers.
- FS-X20 Servers can poll P1/R1 only.
- Data from Series 2, 4, 5, 6, 9 devices can be polled.
- Data from any 'Table' can be read.
- Data in 'Tables' with "write permission" can be written to by the driver.
- The driver can read/write Bit, Byte, Swapped Integer, Word, BCD and Float Data.

The Canatal Satchnet Protocol Driver can act as a (passive) Server.

- The driver can be polled by a Satchnet Master and return data from the FieldServer's data arrays.
- The driver can emulate Series 2,4,5,6,9 devices.
- All "Tables" can be read/written in accordance with their read/write capability

Connection Information

Connection type: RS-485 (RS-232 with converter) (Half-Duplex)
Baud Rates: 1200
Data Bits: 7
Stop Bits: 1
Parity: Even

Devices tested

| Device | Tested (FACTORY, SITE) |
|------------------|-------------------------------|
| Canatal Series 9 | FACTORY |
| Canatal Series 6 | SITE |



Revision History

| Date | Driver Version | Document Revision | Resp | Comment |
|----------|----------------|-------------------|------|--|
| 12/19/02 | 1.00 | 1 | MF | Updated according to template and mark-ups |
| 7/23/03 | 1.00 | 2 | JD | Releasing |
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