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## 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



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## 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