1   DESCRIPTION

The Telnet driver can act as a Telnet Client or Server. As a **Server** it supports the following options:

- Telnet sessions initiated by standard Telnet clients, allowing users to access a **Command Line Interface** on the FieldServer.

- **Serial Port Capture** on the FieldServer to allow user interaction with serial devices via Telnet, either through the Telnet server user interface, or by pre-configured auto-connect.

- Pre-configured binary connection from Telnet to Serial Port, i.e. as a **Remote Serial Port Server** which can be used by PC-based serial port redirectors. Present support is for "**raw TCP**" mode; RFC2217 port control functionality will be implemented in future.

- Any serial protocol supported by the FieldServer may be run in a **Serial-over-Ethernet** mode, e.g. TL1.

As a Telnet **Client** the FieldServer can connect to another Telnet Server, for example to provide seamless serial-to-serial connectivity between two FieldServers over Ethernet.

Fieldserver Mode	Connections	Comments
Client	10	The FieldServer supports 10 simultaneous connections as a Telnet Client.
Server	10	The FieldServer supports 10 simultaneous connections as a Telnet Server.

2   FORMAL DRIVER TYPE

Ethernet

Client or Server

3   COMPATIBILITY MATRIX

FieldServer Model	Compatible with this driver
FS-x30	Yes
SlotServer	No
ProtoNode	No
QuickServer FS-QS-10xx	No
QuickServer FS-QS-12xx	Yes
ProtoCessor FPC-ED2	No
ProtoCessor FPC-ED4	No

4   CONNECTION INFORMATION

Connection type: Ethernet
Ethernet Speeds Supported: 10Base-T, 100Base-T[1] [If Ethernet]

5   DEVICES TESTED

Device	Tested (FACTORY, SITE)
Windows Hyperterminal	(as a Server) Factory

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[1] Not all FieldServer models support 100BaseT. Consult the appropriate instruction manual for details of the Ethernet speed supported by specific hardware.