

Recovering a Bad Download with Hyperterminal

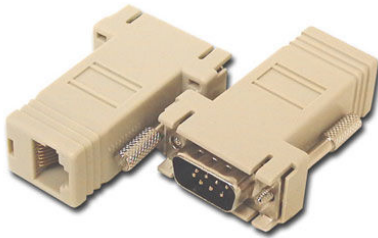
Introduction

When a corrupted or bad configuration file is downloaded, it is sometimes possible to recover the FieldServer using the Hyperterminal application available on Microsoft Windows.

Procedure

Connecting to the FieldServer

Use the supplied FS-8917-02 connector to connect to the COM port of the PC.



Connect to the FieldServer RS-232 port from the FS-8917-02 connector using one of the supplied straight Cat5 UTP cables



Notes:

- FS-X40** The correct RS-232 port to use is P2
- FS-X20** Ensure the jumper settings in the FieldServer are configured for RS-232. JP16, JP17, JP18 must all be set to positions 1-2. It may be necessary to modify the FS-8917-02 cable as described in the Troubleshooting section.

Configuring Hyperterminal

- Browse to Hyperterminal, which can normally be found on the Accessories->Communications section of the Windows Start Menu.
- When Hyperterminal is open, make sure you are disconnected (Choose Call->Disconnect)
- Go to File->Properties, choose the serial com port you will be using and select "Configure"
- Choose the port parameters as follows:

Direct connection	COM1 or COM2
Baud rate:	115200 (FieldServer default baud rate)
Data bits:	8
Parity:	None
Stop bit:	1
Flow control:	None

Transferring a known good file to the FieldServer.

- Connect to the FieldServer by selecting Call->Call in Hyperterminal
- Remove power from the FieldServer
- Navigate through the HyperTerminal menu by selecting Transfer-> Send File
- Select the file to be transferred (make sure it is named correctly, e.g config.csv or cb8menu.exe) by using the Browse button.
- Ensure that the Protocol is set to ZMODEM
- Click on Send
- Reconnect power to the FieldServer
- The FieldServer will initiate the handshake with Hyperterm on startup.
- Hyperterminal will now send the selected file to the FieldServer.

Troubleshooting

- Some versions of Hyperterminal work better with Flow Control set to XON/XOFF.
- File transfer has been known to hang in the middle. If the number of bytes transferred does not change for a couple of minutes, restart the procedure from the beginning.
- Modify the FS-8917-02 connector by bridging pins 4 and 6 (DTR/DSR) as per the drawing below, and try again.

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