

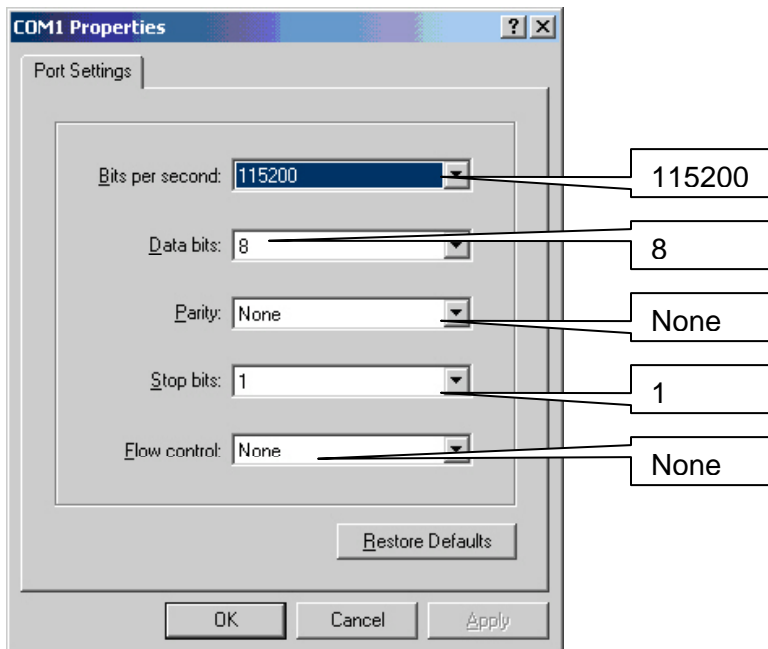
How to Reformat a FieldServer

Introduction

- This advanced recovery function applies only to the X20 and X40 platforms – an X30 FieldServer cannot be reformatted with this procedure.
- Using this procedure will erase ALL information from the FieldServer and load the BASIC firmware to it.
- **IT IS ADVISED THAT YOU ONLY FOLLOW THIS PROCEDURE IF REQUESTED BY FIELDSEVER TECHNICAL SUPPORT. THERE IS A RISK OF PERMANENT DAMAGE TO YOUR FIELDSEVER.**
- Please backup your Firmware and Configuration file before proceeding.
- Please refer to ENote 42 before attempting this procedure.

Procedure:

- Obtain following from FieldServer Technologies Technical Support
 - BASIC Firmware Files
 - DCC Install File
 - Drawing Schematic for FS-8917-12 DB9 to RJ45 Adapter
- Copy the BASIC Firmware files to a new folder on your PC and make sure these are the ONLY files in this folder
- Copy the DCC Install File to a separate Folder on your PC
- Connect your FieldServer to a PC's COM port using the FS-8917-12 connector on the PC and the FS-8917-10 (standard CAT-5) cable to the FieldServer.
- If you have an X20 FieldServer, make sure it is set to a FS-B20XX-01 for RS-232 communications. Refer to ENote 17 if you are not sure
- If you have an X40 FieldServer you will connect to the P2 port.
- Start a HyperTerminal Session on your PC and set the COM 1 port settings as follows:



- Hit the “CALL” button on your HyperTerminal Browser Window
- Power up the FieldServer
- Hold down “Ctrl – C” until you see a message “**Terminate batch job? (Y/N)**”
- Hit Y to stop boot.
- At this point you should see a DOS C:\ prompt.
- Type “**testoem /d0 /e**”
- This will test the flash disk. Wait for this process to finish (You will see a standard Dos C:\Prompt)
- Once this is done, cycle power to the bridge
- Wait for reformat to finish
- Select the Transfers option on the toolbar
- Select “Send File”
- Under Protocol, choose “Z Modem”
- Navigate to the folder where you have the BASIC firmware files.
- Click on the file tnt.exe
- Click on Open
- Click anywhere on the file path and hit the END key
- Replace the text “**tnt.exe**” with “*. *”
- Hit Send
- Wait for files to be sent.
- Cycle power to the bridge
- Wait for Run LED to flash about once a second
- At this point the FieldServer has the BASIC files on it. Please run the DCC INSTALL file to recover your bridge to released state.