

Application Note

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NIC File printing to PC

How to print and save files with the NIC family of testers using HyperTerminal and the serial port.

Purpose/Description:

The purpose of this procedure is to save and print files to a PC or printer from the Network Information Computer (NIC) using the serial port connection and HyperTerminal PC interface.

This document assumes the user is familiar with the HyperTerminal application and is familiar with saving files on the NIC.

STEP 1.

Connect a serial cable from the PC to the serial port of the NIC tester. You will need to set up the tester to PRINT from the serial port. Go to SYSTEMS tab, select I/O SETTINGS, and change under COMMUNICATION SETTINGS change the serial to PRINTER:

The screenshot shows the 'SYSTEMS' configuration window with the 'I/O Settings' tab selected. The window is divided into three main sections: Ethernet Configuration, Serial Configuration, and Communication Port Assignments. The Serial Configuration section is highlighted with a black arrow pointing to it from a note box. The Communication Port Assignments section is also highlighted with a black arrow pointing to it from a text box.

Ethernet Configuration	
<input type="checkbox"/> IP Address	10.1.1.31
<input type="checkbox"/> Subnet Address	255.255.0.0
<input type="checkbox"/> Router	0.0.0.0

Serial Configuration	
<input type="checkbox"/> Baud Rate	3600
<input type="checkbox"/> Parity	None
<input type="checkbox"/> Data Bits	8
<input type="checkbox"/> Stop Bits	1

Communication Port Assignments	
<input type="checkbox"/> Serial	Printer
<input type="checkbox"/> Ethernet	None
<input type="checkbox"/> GPIB	None

Note: Configuration settings need to match in the property settings of HyperTerminal connection

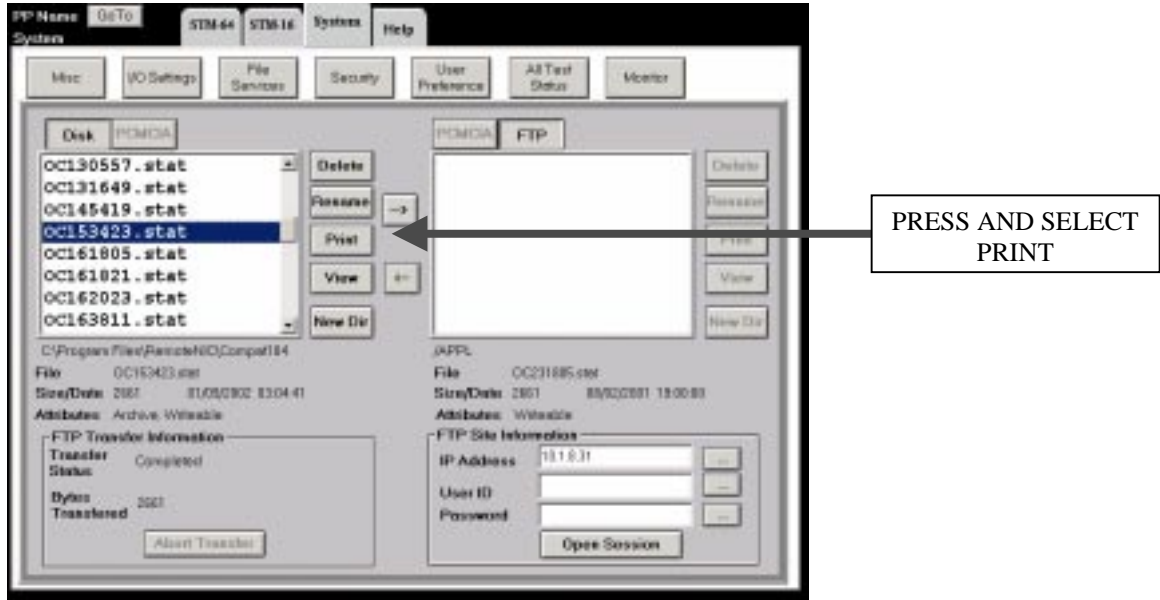
PRESS AND SELECT PRINTER

STEP 2.

Open a HyperTerminal session on the PC.

STEP 3

Select the file you would like to print from the SYSTEM tab under FILE SERVICES. Highlight the file by pressing upon it, and select PRINT to the right.



STEP 4

Using the HyperTerminal applications, select CAPTURE TEXT. You can now save this text as a file on your PC and open the file using WORDPAD. Once opened, the file can be saved as a Word Document for printing, saving, and emailing.

