

Strata® DK

Technical Bulletin

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SMIS Installation on a Windows 95 PC

This bulletin explains how to install and operate SMIS software on a PC that has been equipped with Microsoft® Windows® 95:

1. Select Start, Programs, then Windows Explorer.
2. Select File Menu, New, and then Folder to create a new file folder. The SMIS programs will be copied into this folder.
3. Insert the SMIS software diskette into **Drive A:** (or **B:**). Click the **A:** drive in Explorer to display a list of files on the diskette.
4. Use the Windows copy function to copy all files into the new SMIS folder (created in Step 2).
5. Click the SMIS folder. The contents side shows the file listing under contents.
6. Right click on the SMIS application (not the icon that looks like a book with a question mark) to display a list of options.
7. Click Properties, then Program Tab.
8. Click Advanced. Verify that "Suggest MS-DOS mode as necessary" is checked. Click OK.
9. Repeat Steps 6~9 for the ADMIN application.
10. Use the Windows copy function to copy both ADMIN and SMIS onto the desktop for a shortcut icon to start the program.

Using Hyperterminal to Test the Link

To ensure that the data link between the DK424 and the PC is working, use Windows Hyperterminal in Windows 95.

1. Select Start, Programs, Accessories, then Hyperterminal.
2. Execute the Hyperterminal program. Within the Properties dialog box, select the appropriate COM port and Baud Rate for your PC. Also set 7-bit data and Even Parity for the MIS data stream.

Once you are connected, you should see a steady stream of time messages (at least one per 30 seconds) appear on screen. (You may need to select Call, Connect a second time to make the connection).

3. Disconnect and exit Hyperterminal.
4. Start SMIS and go through the Setup Interface of SMIS to set the communications parameters to match the DK424.

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5. Go to the *Strata DK SMIS Installation Manual* and follow the instructions in the Installation section.
6. Perform the Test procedures in the following section of the *Strata DK SMIS Installation Manual*.

Printer Setup Using Windows 95

The printer needs to be set up to use the spooler capabilities of Windows 95 for printing reports from SMIS. Using the spooler prevents problems with time outs and print drivers. It also enables SMIS to send the entire report to the spooler and while you go back on line to continue collecting data. This was not possible with DOS.

To ensure Windows 95 is properly set for MS-DOS® print spooling capabilities, perform the following:

1. Click Start, Settings, then Printers.
2. Select the printer to be used and right click.
3. From the menu that appears, select Properties.
4. From the Properties screen, select Details.
5. In the Details screen, click Spool Settings.
6. Ensure that “Spool print jobs” and “Start printing after receiving first page” are enabled. Click OK.
7. Click on Port Settings.
8. Ensure that both “Spool MS-DOS print jobs” and “Check port state before printing” are enabled. Click OK.
9. Close all screens. If any changes were made, system needs a “hard” restart (power down) to ensure all changes take effect.

➤ To test whether the print spooler is working on Windows 95 from DOS programs

- Use the MS-DOS prompt to open a DOS window. Go to the root directory (**C:\>**) and type **copy config.sys lpt1**. Press **Enter**.

The copy command sends the text information contained in file config.sys to the print spooler for printing to printer 1. This is a good method to test the PC prior to installing SMIS to see if things are set up for running a DOS program.