Triton

A DOVER INDUSTRIES COMPANY

SOFTWARE LOADING PROCEDURE

(96XX CASH DISPENSERS)

VERSION 1.0

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SOFTWARE LOADING PROCEDURE
96XX CASH DISPENSERS

PURPOSE

This procedure describes how to perform a local, PC-based software download to a 96XX Cash Dispenser

PARTS/TOOLS REQUIRED

PARTS REQUIRED	
1	APPLICABLE SOFTWARE LOAD DISK
2	TRICOMM FOR WINDOWS INSTALLATION DISKS
1	96XX DOWNLOAD CABLE
REQUIRED TOOLS	
	IBM COMPATIBLE PC
	WINDOWS 95 (OR ABOVE) OPERATING SYSTEM

INSTALL TRICOMM FOR WINDOWS

The Terminal software must be loaded using the Tricomm for Windows program. If you need to install Tricomm for Windows on your PC, follow these steps:

1. Close all Windows applications. Place theTricomm for Windows Installation Disk into the floppy drive.

2. Select **Run** from the Windows **Start** menu. Type **<X>:\setup.exe** (where **<X>** is the drive letter of the floppy drive--typically **A:**) and press the **ENTER** key. OR, use the **Browse** feature to locate and run the setup.exe file on the floppy disk.

3. Follow the prompts that appear. Accept the default choices for the options that are presented.

4. After the setup program has completed the installation, start the program by selecting **Start / Programs / Tricomm for Windows / Tricomm for Windows** option.

For some applications the installation disks will contain two compressed files: **Disk1.exe** and **Disk2.exe**. The installation files must first be extracted from the compressed files. In these cases, use the alternative installation procedure that follows.

ALTERNATIVE INSTALLATION

1. Use Windows Explorer to create a temporary folder on the hard drive of the PC. This folder will be used to hold the Tricomm installation files. Example: **C:\Tricomm**.

2. Insert the first disk of the Tricomm for Windows installation disk set (disk 1 of 2) into the 3.5 inch floppy drive on the PC.

3. Copy the **Disk1.exe** file from the disk into the temporary folder you created in **Step 1**.

4. Remove the first disk from the floppy drive. Insert the second disk of the Tricomm for Windows installation disk set (disk 2 of 2) into the floppy drive.

5. Copy the **Disk2.exe** file from the disk into the temporary folder you created in **Step 1**.

6. Double-click the **Disk1.exe** file in the temporary folder. Windows will temporarily open a DOS window to run the self-extraction utility. The first set of installation files will be extracted from the **Disk1.exe** file and placed in the temporary folder.

   When the file extraction is complete you will be returned to Windows. Note that additional files are now present in the temporary folder.

7. Repeat the previous step (**Step 6**) for the **Disk2.exe** file. The second set of installation files will be extracted from the file and placed in the temporary folder.

8. Double-click the **Setup.exe** file in the temporary folder. The installation routine starts.

9. Follow the on-screen instructions to complete the installation procedure. It is recommended that you accept the default installation location and program name.

10. Remove the second installation disk from the floppy drive. You can delete the files in the temporary folder.
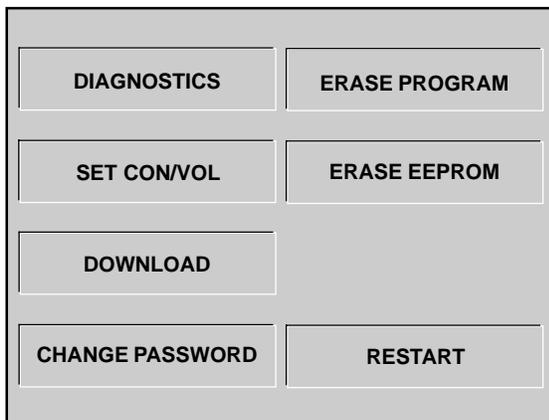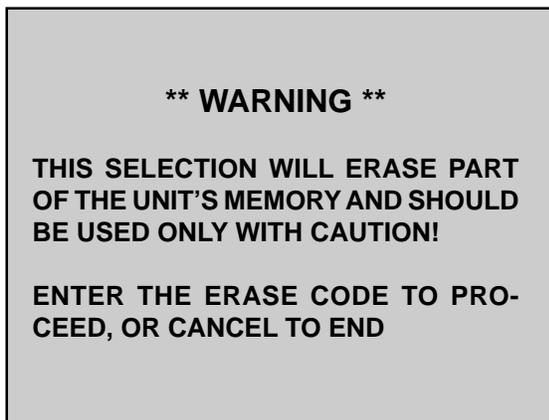
ACCESS THE EPROM DIAGNOSTICS

The Eprom Diagnostics Menu will be used to prepare the terminal for the software download. To access the Eprom main menu you will need the Eprom Access Code.

1. While holding down the "1" key on the Terminal main keypad, reset the unit by turning the AC Power Switch OFF for a few seconds, then back ON again. The terminal will perform a series of boot-up diagnostics. At the conclusion of the boot-up sequence the unit should now display a screen requesting an Eprom access code. Release the "1" key. *Consult with your distributor for the access code for the terminal.*

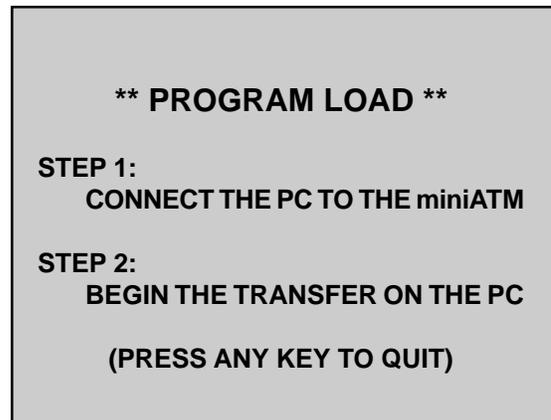2. Enter the Eprom access code. The unit will display a EPROM DIAGNOSTICS menu:

DIAGNOSTICS	**ERASE PROGRAM**
SET CON/VOL	**ERASE EEPROM**
DOWNLOAD	
CHANGE PASSWORD	**RESTART**

3. Press the **ERASE PROGRAM** option. A warning screen is displayed:

** WARNING **

THIS SELECTION WILL ERASE PART OF THE UNIT'S MEMORY AND SHOULD BE USED ONLY WITH CAUTION!

ENTER THE ERASE CODE TO PRO-CEED, OR CANCEL TO END

4. Enter the Erase Program code of **2455**. When the erase operation is completed the main menu will appear.

5. Press the **ERASE EEPROM** option. A warning screen is displayed, as in step 3.

If the terminal software installation is a **FULL SOFTWARE LOAD**, **PERFORM THE NEXT STEP** (**STEP 6**) to erase the currently loaded parameters. If the installation is a **PARTIAL SOFTWARE LOAD**, **DO NOT PERFORM THE NEXT STEP!**

6. Enter the **Erase EEPROM** code of **2455**. When the erase operation is completed the main menu will appear.

7. Press the key next to the **DOWNLOAD PROGRAM** option. The next screen will present a message prompting you to connect the PC to the Terminal and begin the software transfer:

** PROGRAM LOAD **

STEP 1:
    CONNECT THE PC TO THE miniATM

STEP 2:
    BEGIN THE TRANSFER ON THE PC

    (PRESS ANY KEY TO QUIT)

CONNECT THE DOWNLOAD CABLE

1. Connect the 9-pin adapter end of the download cable to the selected serial port on the PC. Take note of the serial port you are using (COM1 or COM2) for use in configuring the Tricomm for Windows program. See the figures below for connector location:

2. Unlock and open the control panel of the terminal.

3. Note the location of the download port on the CPU Controller Module (installed in the Card Cage). Connect the free end of the download cable to this port. See the following figures.
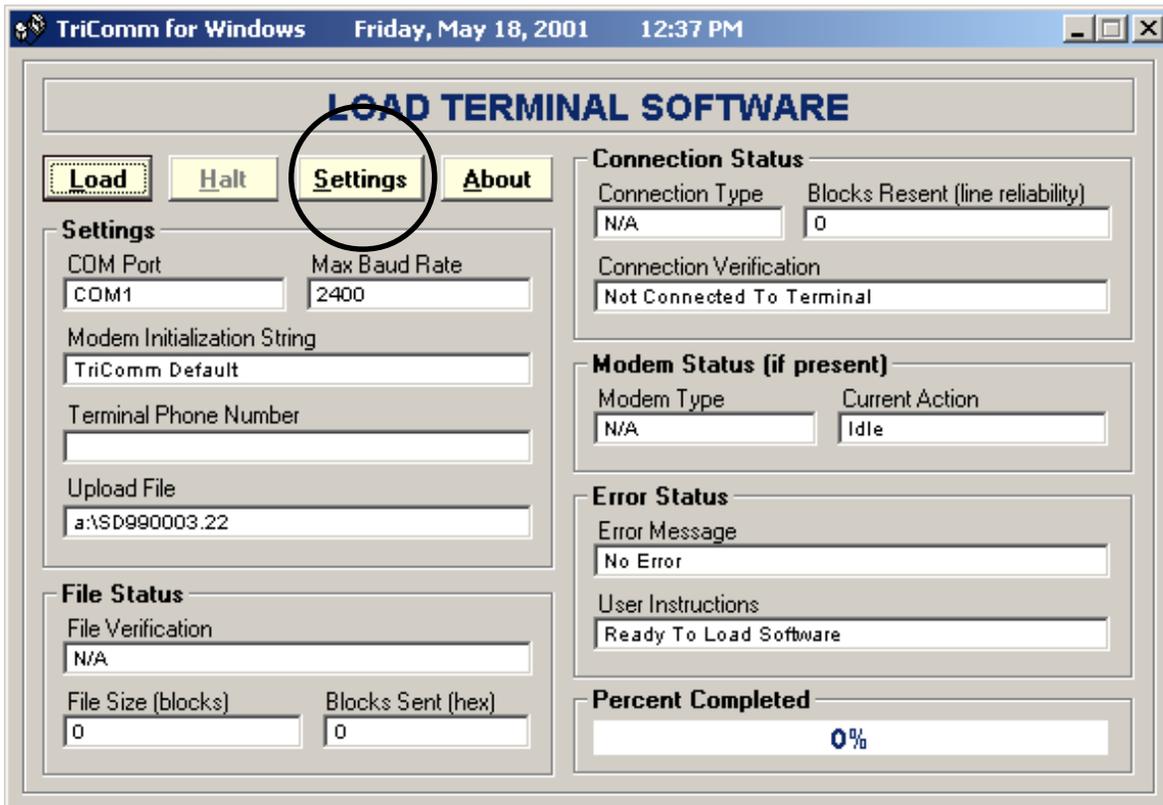
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CONFIGURE TRICOMM FOR WINDOWS SETTINGS

1. Insert the Terminal software load disk into the 3.5 inch floppy drive of the PC.

2. Access the **Windows Start\Programs** menu and select the **Tricomm for Windows** option. The program will start. The program's main window will be displayed:

3. Click the **Settings** button. The following dialog window will be displayed:

**4.** Choose a Com Port setting that matches the port on the PC, as noted in Step 3a. Click the down arrow on the **Com Port** control to see additional selections, as shown here:
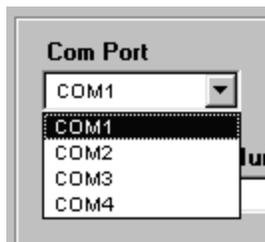
5. Use the **Drive List** control to select the floppy drive, which should contain the terminal software load disk. This will usually be the <a:> drive, as shown here:
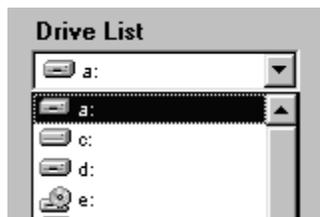
6. Once the drive is selected the **Directory List** box will show what directories (if any) are present on the disk. In most cases, no additional directories below the root directory (i.e. a:\) will be present, as shown here:
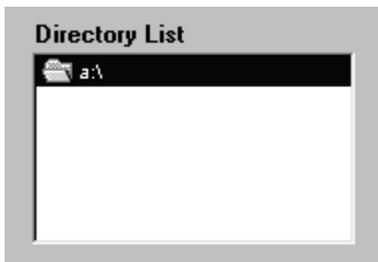
7. The **File List** box will show the contents of the currently selected directory on the drive. Here is an example:
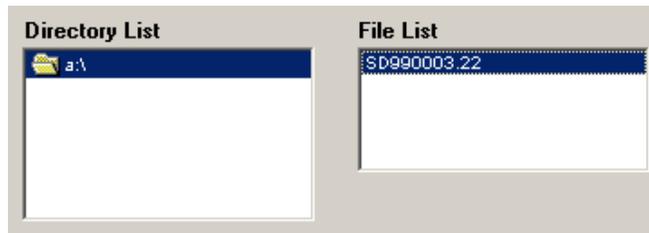
8. The kinds of load files that will be displayed in the list will depend upon the ATM model type and the type of load file (Full Load or Update Load) present on the disk. The following table shows the general format of load file numbers for typical single and multicassette cash dispensers:

LOAD FILE NUMBERS		
ATM MODEL	Full Load	Partial (update) Load
9600/01/20/21	SDXXXXXX.XX	SAT-XXXX.XX
9640/60/50/70	UDXXXXXX.XX	UAT-XXXX.XX

Highlight the appropriate file and click the **Save** button to save the current settings and return to the Tricomm main window.

START SOFTWARE DOWNLOAD

1. Click the Load button on the Tricomm main window. The software loading process begins. The Percent Completed progress bar will indicate the degree of completion of the file transfer. A corresponding progress indicator will appear on the Terminal display during the file transfer, along with the words, "TRANSFER INITIATED."

2. Once the file transfer is complete (has reached 100%), the Terminal will perform a check of the received data, as indicated by the words, "CHECKING FLASH CRC" on the unit's display.

3. When the words, "DOWNLOAD COMPLETED" appear on the Terminal display, the software load is complete. Remove the download cable and close the control panel of the terminal.

4. Press the **CANCEL** key on the keypad to exit the diagnostics menu area and run the terminal program. The terminal will run a series of verification tests, after which the terminal's Top Menu will be displayed.

   From this menu, select **MANAGEMENT FUNCTIONS** to configure the unit. Refer to the operations manual for specific setup and configuration procedures.

5. Close the Tricomm for Windows program by clicking on the close button in the upper-right corner of the program window, or by clicking on the title bar icon in the upper-left corner of the program window and selecting the Close option from the pop-up menu. Remove the download cable connection at the PC Com Port. Remove the software load disk from the floppy drive of the PC.