

TRAY 4 SW DOWNLOAD TOOL (V330-100)

Purpose

The purpose of this kit is to upgrade the Tray 4 software to V330.100.

Introduction

Read each step completely before performing the actions.

Prerequisites

- Ensure that Tray 4 has HCF Tag 2 and TAG 12 – DSC EEPROMS (605K10570).
- Serial Cable Adapter Tool (600T02185)
- FFIU Software Version 1.010 (Tag 6)
- Serial Cable (600T2056)

NOTE: The PWS should be plugged into an AC power source to prevent a loss of battery power during the software download.

Procedure

Put a check mark next to each step as it is completed.

- ___ 1. Remove Tray 4 Left Side Cover.
- ___ 2. Remove Tray 4 Rear Cover.
- ___ 3. Cheat the AC Power Interlock.
- ___ 4. Power on Tray 4.
- ___ 5. Connect the serial cable and serial cable adapter between the serial port on the PWS, and J15 on the MCON PWB.
- ___ 6. Place the System SW CD V4.0 into the PWS CD-ROM drive.
- ___ 7. Start the Hyper Terminal; select **Start, Programs, Accessories, and Hyper Terminal**. Double click on **Hypertrm.exe**.
- ___ 8. In the "Name:" field, type **Tray 4 SW**, then click **OK**.
- ___ 9. The Phone Number window will be displayed. In the "Connect using:" field, select **Direct to Com 1** then click **OK**.
- ___ 10. The "COM 1 Properties" window opens, set the following:
 - Bits per second: to – **9600**.
 - Data bits: to – **8**.
 - Parity: to – **None**.

- Stop bits: to – **1**.
- Flow control: to – **None**.
- Click **OK**.

NOTE: The Hyper Terminal is now connected to the MCON PWB, see the "connected" message at the bottom of the window.

- ___ 11. Press the Reset Button (SW1) on the MCON PWB.
- ___ 12. Immediately press the number "1" key on the PWS. Wait for MCON PWB to finish self-test and menu is displayed.
- ___ 13. To program, press **Shift P**, then **Enter**.
- ___ 14. Set the terminal to high speed:
 - Press **Shift H** (disregard the jumbled characters).
 - Select the **Disconnect** icon on the tool bar.
 - Select: **File, Properties, and Configure**.
 - Change Bits per second to: **115200**.
 - Click **OK**.
 - Click **OK**.
 - Select the Connect icon on the tool bar. 
- ___ 15. Press **Enter**.

NOTE: Steps 16 through 20 are timed. Read the instructions for Steps 16 through 20 before starting this part of the procedure. If you are timed out before the download has started, go back to Step 16 and continue with the procedure.

- ___ 16. To Download and decode the program, Press **Shift B**.
- ___ 17. Select **Transfer, Send File**. The "Select file" window will open.
- ___ 18. Browse to the CD-ROM drive. Open the **Tray 4** folder then select the **SfidaFdr330.100** file.
- ___ 19. Set the 'Protocol:' field to **Xmodem**.
- ___ 20. Click **Send**.

- ___ 21. The software will start downloading and the download information window will be displayed. Download time and file information will be displayed at the bottom of the window.
 - **Do Not** press any keys or disconnect any cables when the download information window closes. The software will be verifying that the download was complete.
 - A **“Burn Completed”** message will be displayed on the PWS after the software download has been verified.

___ 22. Select the Disconnect icon on the Tool Bar.



- ___ 23. Select **File, Exit**. The save session Tray 4 SW window will open. Select **NO**, do not save the session.
- ___ 24. Close the Hyper Terminal window.
- ___ 25. Disconnect the serial cable from the MCON PWB.
- ___ 26. Remove the Software CD.
- ___ 27. Power off then power on the DC 2045/2060.

NOTE: If Tray 4 is not connected to the DC 2045/2060 remove the cheater from the AC Power Interlock then replace the cheater to power off / power on Tray 4.

- ___ 28. Initialize Tray 4. On the Tray 4 keypad select **1, 2, #**. (refer to Section 6 General Procedures, Tray 4 UI/Diagnostics, DC12)
 - 8's will be displayed on the LED's
 - the software level will be displayed
 - paper stack will set to paper feed position
 - when initialization is completed, the percentage of paper in Tray 4 will be displayed on the LED's.
- ___ 29. On the Tray 4 keypad select **31#** to enter Tray 4 Service Diagnostics. (refer to Section 6 General Procedures, Tray 4 UI/Diagnostics, DC31)
- ___ 30. Change the paper size limit values to those in table 1.

NVM Location	Value
1011	4880
1012	2032
1013	3200
1014	1820

Table 1. Paper size limit NVM values

- ___ 31. Complete the Tray 4 Paper Path Timing Measurement procedure (GP4).
- ___ 32. Remove the cheater from the AC Power Interlock.
- ___ 33. Reinstall all covers.