

Created December 2008

This application note shows how to configure and use a Star Micronics TSP100 printer using Dinerware software to print receipts.

TSP100 Supported Interfaces: USB, Powered USB, LAN

Dinerware Supported Version: 2. 8.1.2786 or higher (<http://www.dinerware.com>)

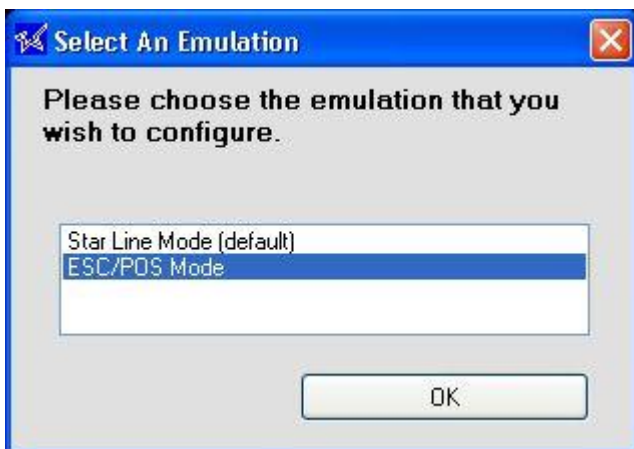
Star Micronics Tools Needed: TSP100 Configuration Utility (Included on Installation CD)

TSP100 Configuration

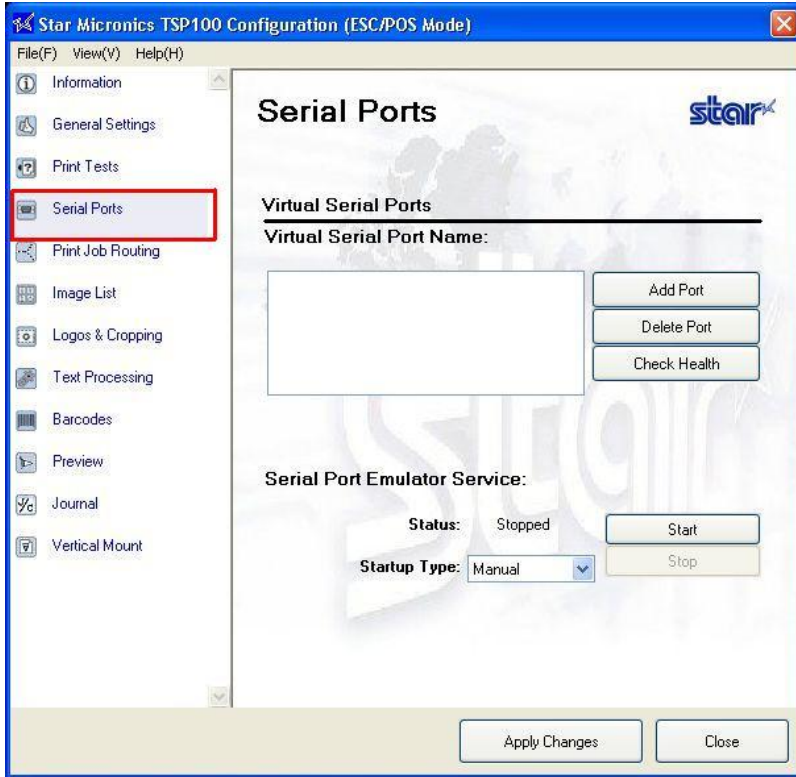
1. Ensure the TSP100 is installed in your system by opening the Printers and Faxes folder. If the TSP100 is listed here, it has been successfully installed. After confirming this, close this folder.

* For instructions on how to install the TSP100, visit the FAQ section of <http://www.starmicronics.com/>

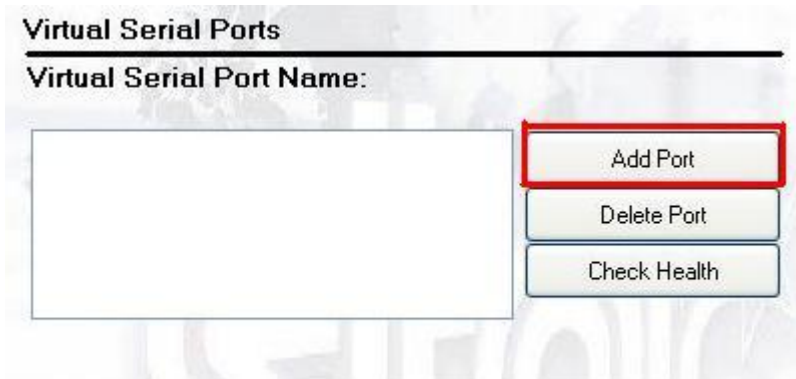
2. Press the Windows Start button and navigate Programs > StarMicronics > Star TSP100 > Configuration Utility



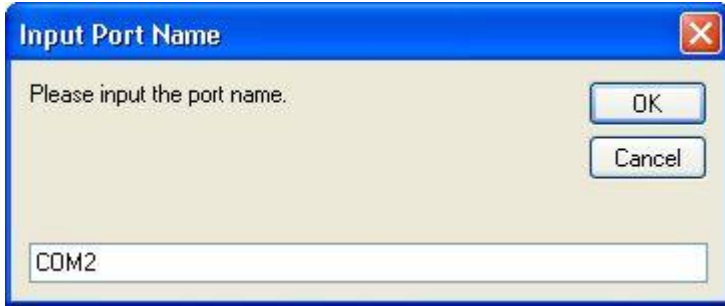
3. Highlight "ESC/POS Mode" and click the "OK" Button.



4. In the left menu bar, click “Serial Ports”.



5. Click the “Add Port” Button.

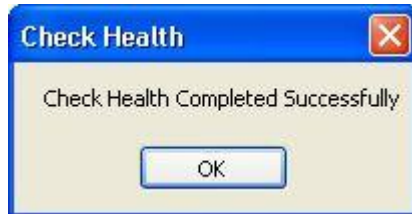
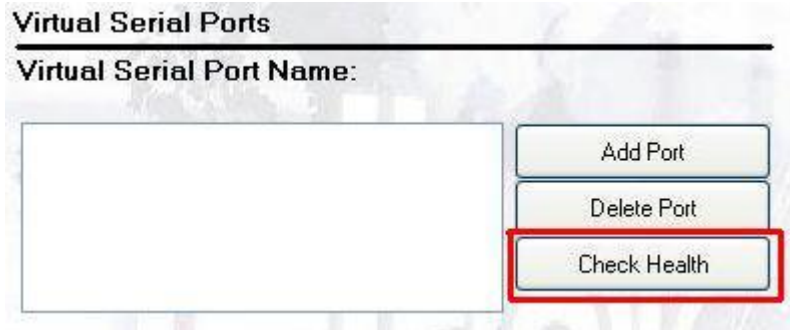


6. Enter an available COM port and click the “OK” button.



7. Click the “Start” button. Then, click the dropdown box and set the service to “Automatic”.

8. Click on “Apply Changes” in the lower right hand corner.



9. Wait five seconds for the service to complete initiating. Then, highlight the COM port and click the “Check Health” button. If successful, a message will display stating “Check Health Completed Successfully”. The printer will also output a short test print. Click “OK” to exit the Check Health window.

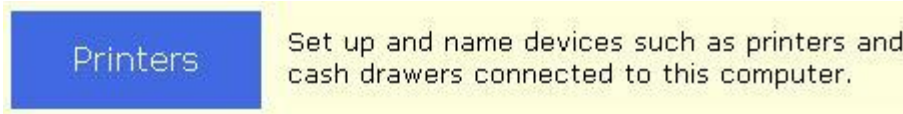
10. Click “Close” in the lower right hand corner to exit the Configuration Utility.

Configuring Dinerware

1. Click the Windows Start button and navigate Programs > Dinerware 2.8 > Dinerware 2.8 Brain to execute the Dinerware Brain application. Once the program is loaded, minimize the window.
2. Click the Windows Start button and navigate Programs > Dinerware 2.8 > Dinerware 2.8 Workstation to execute the Dinerware Workstation application.
3. Log in.



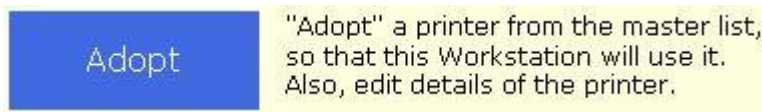
4. Click the “Manager” icon in the top menu bar.



5. Click the “Printers” button in the lower right hand corner.

Printer	Adopted	Receipt	Location	Cutter	\$ Drawer	Width
Receipt At Main Station	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	40
Bar Pickup	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	40
Kitchen	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	33
Expedite	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	40

6. Highlight the “Receipt At Main Station” row.



7. Click the “Adopt” button located in the center of the bottom section of the screen.



8. Ensure the radio button next to “Adopted At This Workstation” is selected.

Serial Printer
COM2:

Network Printer
IP Address

9. Select the radio button next to “Serial Printer” and choose the COM port number assigned when the virtual serial port was created in the TSP100 Configuration Utility. In this case, it is COM2. Click on “Test Print” to confirm that communication from the software is successfully reaching the printer.

Has a Paper Cutter

10. If the printer has an auto cutter, place a check in the box next to “Has a Paper Cutter”.

Is the receipt (default) printer for this station

- Attached Cash Drawer
- Second Cash Drawer

11. Put a check in the box next to “Is the receipt (default) printer for this station”. If a cash drawer is attached to the printer, place a check next to “Attached Cash Drawer”. The TSP100 is capable of driving one or two cash drawers. If two drawers are connected, place a check next to “Second Cash Drawer”.

Printer Speed

Epson Thermal (TM)

Epson Dot Matrix (U)

Small buffer (older model)

12. Select “Thermal” for Printer Speed.

OK

13. Click “OK” in the lower right hand corner.

Configuring the TSP100 for Receipt Printing from Dinerware

Printer	Adopted	Receipt	Location	Cutter	\$ Drawer	Width
Receipt At Main Station	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	COM2:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	40
Bar Pickup	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	40
Kitchen	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	33
Expedite	<input type="checkbox"/>	<input type="checkbox"/>	N/A	<input type="checkbox"/>	<input type="checkbox"/>	40

14. The box in the “Adopted” column will be checked next to “Receipt At Main Station”. The printer has been successfully configured. To confirm this, highlight the printer name and click “Test Print” in the lower right hand corner.



Back

15. Click the “Back” button to return to the setup screen.



Back to Tickets

16. Click the “Back to Tickets” button to return to the main menu screen.

17. Confirm successful printer installation by creating a new ticket and sample order. The TSP100 will print the guest check.

Congratulations! You have successfully configured the TSP100 printer for receipt printing from Dinerware. To learn how to configure a Star Micronics printer for kitchen tickets, visit the FAQ section of <http://www.starmicronics.com/> and type “Dinerware” in the search bar.