

Created March 2009

This application note shows how to configure a Star Micronics printer for Microsoft Dynamics™ Retail Management System (RMS) software to print receipts. While this document was developed using the USB TSP100, these instructions suffice for the supported printer models listed below.

Star Micronics Supported Printers: TSP100U, TSP100LAN, TSP100GT, TSP650, TSP700II, SP700

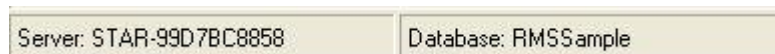
Printer Interfaces Supported: Serial, Parallel, USB, Powered USB, Ethernet

Star Micronics Tools Needed: Configuration Utility (Found on Installation CD Included in the Printer's Box)

Microsoft Dynamics™ Retail Management System (<http://www.microsoft.com/dynamics/rms/default.aspx>)

## RMS Configuration

1. Ensure your Star Micronics printer is installed as an OPOS device. For instructions on installing Star Micronics printers and configuring them as OPOS devices, visit the FAQ section of <http://www.starmicronics.com/> and search "OPOS".



2. Click the Windows Start button and navigate Programs > Microsoft Dynamics RMS > Store Operations Administrator. Confirm connection to the server in the lower left hand corner; as shown above, it will display the server and database names. If "Server: Not Connected" appears with no database name, go to step 2a. Otherwise, minimize the Operations Administrator window and go to step 3.

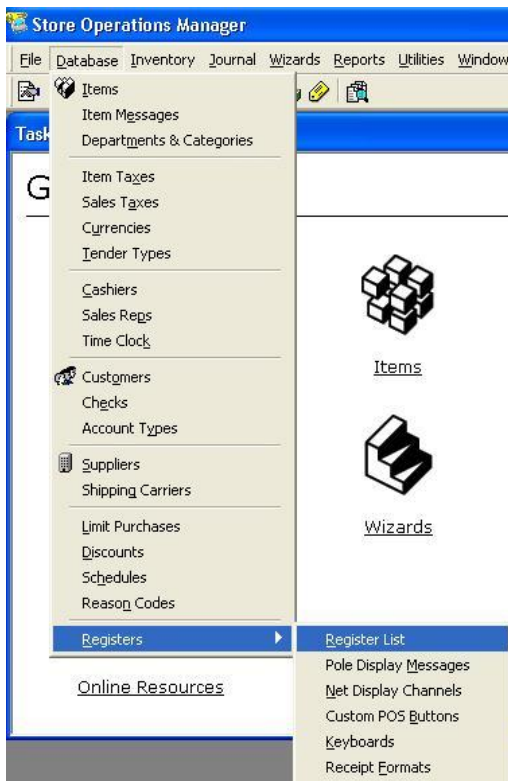


2a. Click "File" and then "Connect".

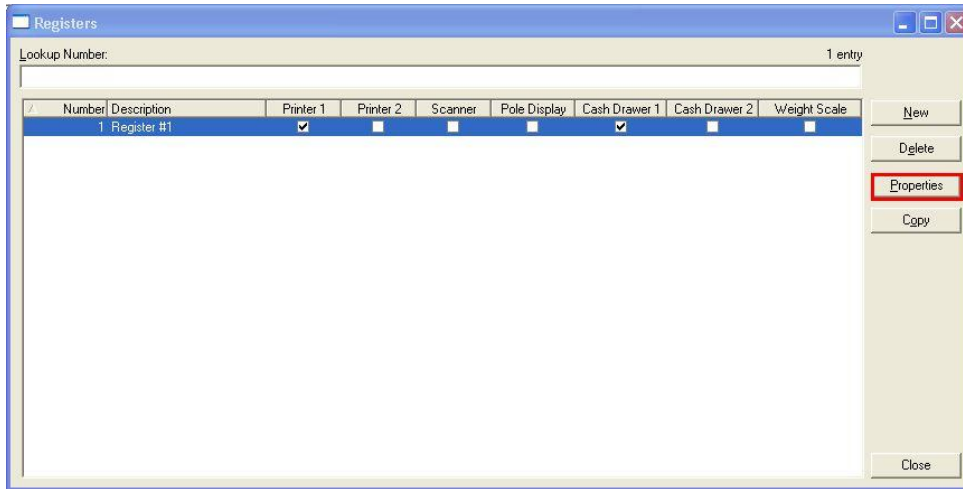


2b. Select the server, enter the password, and click the “OK” button. Connection to the server will be established. Minimize the Operations Administrator window.

3. Click the Windows Start button and navigate Programs > Microsoft Dynamics RMS > Store Operations Manager and log in.

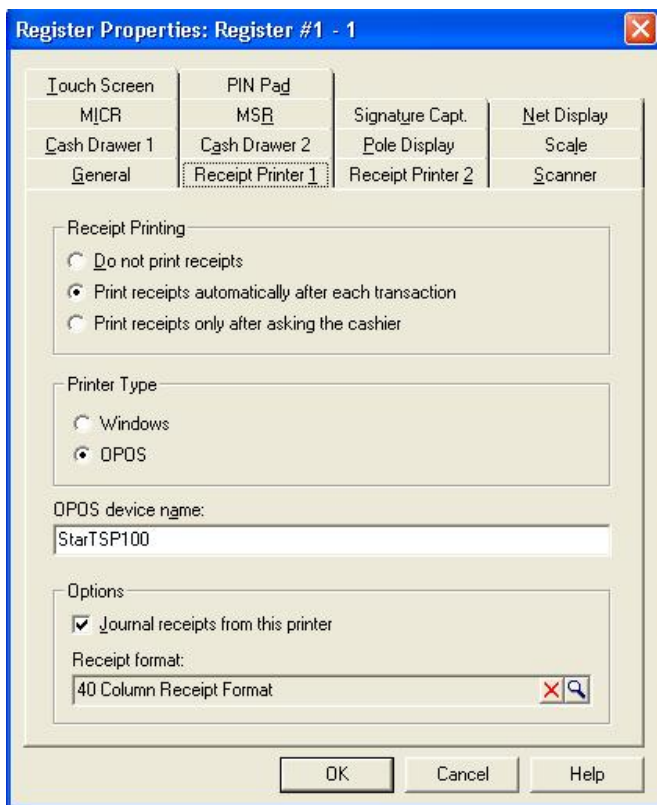


4. Click “Database”, hover the mouse over “Registers”, and click “Register List”.



5. Highlight “Register #1” and click the “Properties” button.

**VERY IMPORTANT:** Do not delete Register #1, even if other registers are created. Doing so may result in RMS not functioning properly.



6. Click the “Receipt Printer 1” tab.

Receipt Printing

Do not print receipts

Print receipts automatically after each transaction

Print receipts only after asking the cashier

6a. Select the desired time for RMS to print receipts.

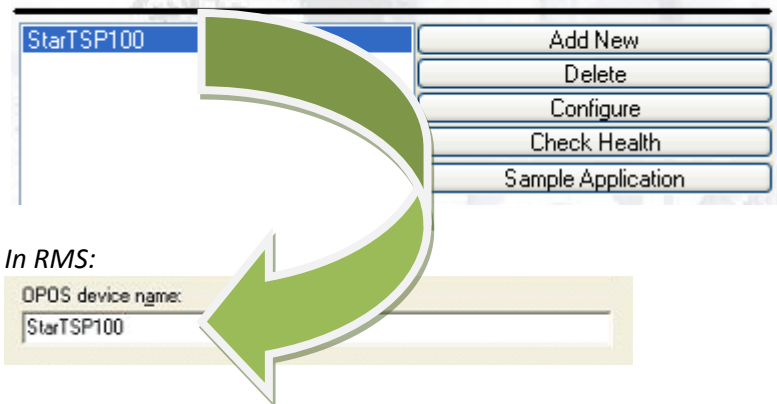
Printer Type

Windows

OPOS

6b. Select “OPOS” for Printer Type.

*In the Star Micronics Configuration Utility:*  
**OPOS POSPrinter Device Names**



*In RMS:*

6c. In the “OPOS device name” field, enter the TSP100 OPOS device name EXACTLY as it appears in the TSP100 Configuration Utility. If you are unsure of the exact OPOS device name, click the Windows Start button and navigate Programs > StarMicronics > TSP100 > Utility > TSP100 Configuration Utility. Click the “OPOS” tab in the left menu bar. The assigned device name will appear.

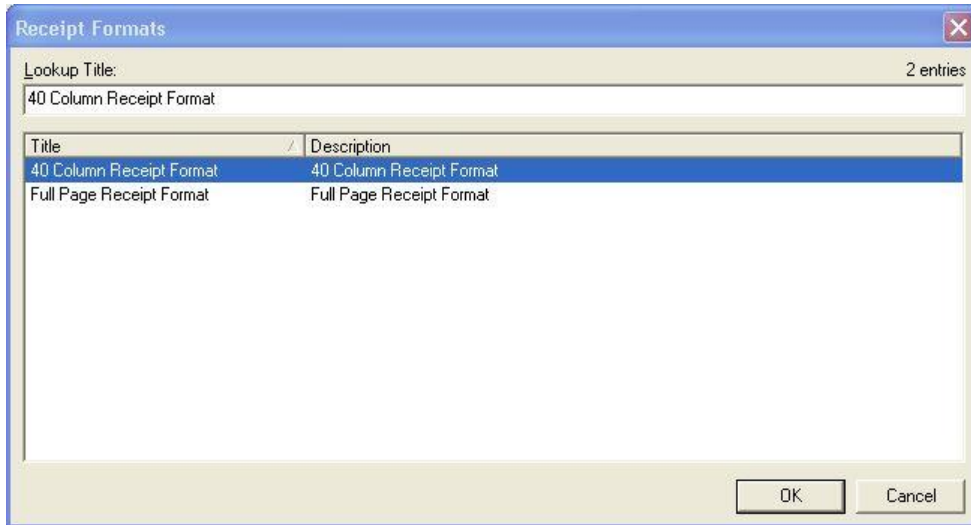
Options

Journal receipts from this printer

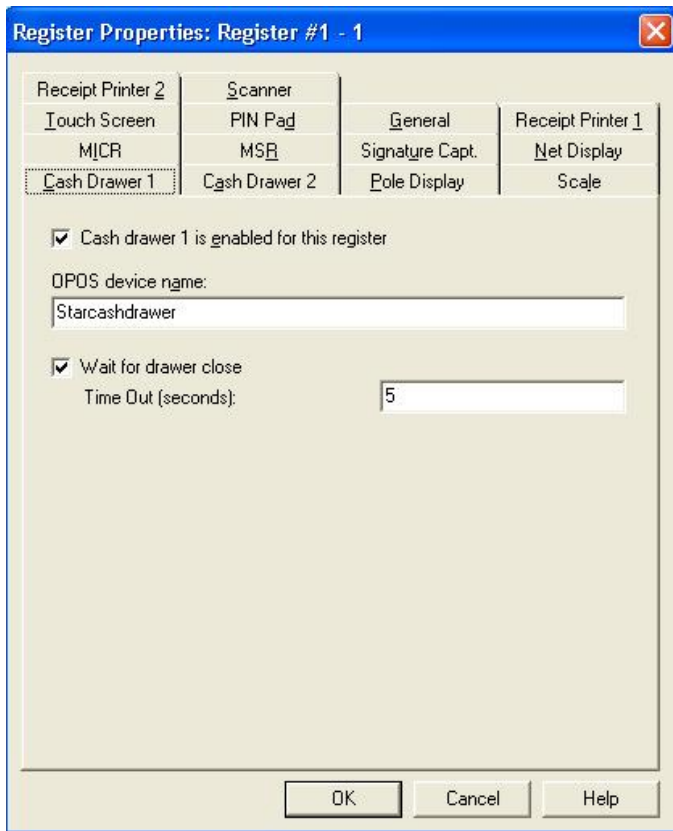
Receipt format:



6d. Check “Journal receipts from this printer” and then click the magnifying glass icon.



6e. Highlight “40 Column Receipt Format” and click the “OK” button in the lower right hand corner.



7. Click the “Cash Drawer 1” tab.

7a. Check “Cash drawer 1 is enabled for this register”. In the “OPOS device name” field, enter the cash drawer device name EXACTLY as it appears in the TSP100 Configuration Utility. If desired, RMS will display a message asking the cashier to close the drawer after it has been opened for a period of time. Place a check next to “Wait for drawer close” and enter the number of seconds in the “Time Out” field.

8. Click the “OK” button.



9. When prompted to restart the POS station, click the “OK” button.

Number	Description	Printer 1	Printer 2	Scanner	Pole Display	Cash Drawer 1	Cash Drawer 2	Weight Scale
1	Register #1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Verify the columns named “Printer 1” and “Cash Drawer 1” have check boxes in the “Register #1” row. Click the “Close” button in the lower right hand corner.

11. Exit Store Operations Manager.

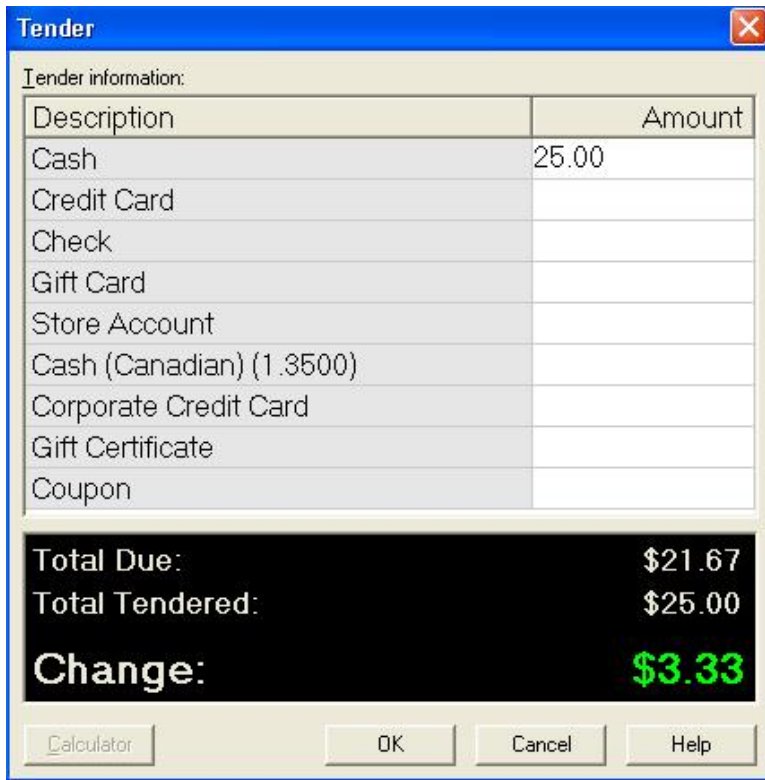
12. Click the Windows Start button and navigate Programs > Microsoft Dynamics RMS > Store Operations POS. Log in.

Item Lookup Code	Description	Quantity	Price	Extended	Tax	Rep
11200	R/C Glider	1	\$149.99	\$149.99	<input checked="" type="checkbox"/>	

13. Type in an item number from your database for a sample transaction.



14. Strike the F12 key or click the “Tender” button in the lower right hand corner.



Description	Amount
Cash	25.00
Credit Card	
Check	
Gift Card	
Store Account	
Cash (Canadian) (1.3500)	
Corporate Credit Card	
Gift Certificate	
Coupon	

**Total Due:** \$21.67  
**Total Tendered:** \$25.00  
**Change:** \$3.33

Buttons: Calculator, OK, Cancel, Help

15. Enter an amount in the “Cash” field.

The printer will print the receipt and pop the cash drawer.

Congratulations! You have successfully configured your Star Micronics printer for use with Microsoft Dynamics™ RMS!

To learn how to print a logo on a receipt in RMS, visit the FAQ section of <http://www.starmicronics.com/> and type “RMS” in the search bar.