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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 (<u>http://www.microsoft.com/dynamics/rms/default.mspx</u>)

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".

Server: STAR-99D7BC8858 Database: RMSSample

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.

File	Edit	Database	Query	Window	Help
-	<u>C</u> onne	ct	Ctrl+O	I X	暭1
	Discon	nect	Ctrl+F4		
ŝ	Open				
	Save		Ctrl+S		
	Save <u>A</u>	<u>1</u> 5			
	Print		Ctrl+P		
5	Export				
2	Confia	uration			

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



Connect to Server 🛛 🔀					
<u>S</u> erver:	(local)				
Connection informa	tion:				
⊂ Use <u>W</u> indow	s authentication				
Ose SQL Ser	ver authentication				
<u>U</u> ser name:	sa				
<u>P</u> assword:					
<u>D</u> atabase:	RMSSample				
OK	Cancel Help				

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".



Configuring Microsoft Dynamics[™] RMS for a Star Micronics Single Station Printer



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.

Touch Screen	PIN Pad		
MICR	MS <u>B</u>	Signature Capt.	<u>N</u> et Display
Cash Drawer 1	Cash Drawer 2	Pole Display	Scale
<u>G</u> eneral	Receipt Printer 1	Receipt Printer 2	<u>S</u> canner
Receipt Printin	ig		
C Do not prin	nt receipts		
· Print receip	ots automatically after	each transaction	
C Print receip	ots only after asking th	e cashier	
Printer Type -			
OPOS device n	ame:		
StarTSP100			
- Options			
Journal re	ceipts from this printer		
Receipt forma	it:		
40 Column R	eceipt Format		×Q
- C.			100 C

6. Click the "Receipt Printer 1" tab.



Receipt Printing	
C Do not print receipts	
 Print receipts automatically after each transaction 	
C Print receipts only after asking the cashier	

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

Printer Type	 	
C Windows		
OPOS		

6b. Select "OPOS" for Printer Type.

In the Star Micronics Configuration Utility: OPOS POSPrinter Device Names



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.

Leurnal receipte from this printed	
V gournal receipts nom this printer	
Receipt format:	
	VQ.

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



Configuring Microsoft Dynamics[™] RMS for a Star Micronics Single Station Printer

Receipt Formats		
<u>L</u> ookup Title:		2 entries
40 Column Receipt Format		
Title	/ Description	
40 Column Receipt Format	40 Column Receipt Format	
Full Page Receipt Format	Full Page Receipt Format	
		OK Cancel

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

Register Properti	ies: Register #1	- 1				
Receipt Printer <u>2</u> <u>I</u> ouch Screen MICR <u>C</u> ash Drawer 1 ✓ Cash drawer OPOS device n <u>a</u>	<u>S</u> canner PIN Pa <u>d</u> MS <u>R</u> C <u>a</u> sh Drawer 2 1 is <u>e</u> nabled for this re me:	<u>G</u> eneral Signat <u>u</u> re Capt. <u>P</u> ole Display egister	Receipt Printer <u>1</u> <u>N</u> et Display Sca <u>l</u> e			
0P0S device name: Starcashdrawer ✓ Wait for drawer close Time Out (seconds): 5						
		IK Cano	cel Help			

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	×				×		

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	~	

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

F12: Tender

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



Tender	
Iender information:	
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
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 <u>http://www.starmicronics.com/</u> and type "RMS" in the search bar.