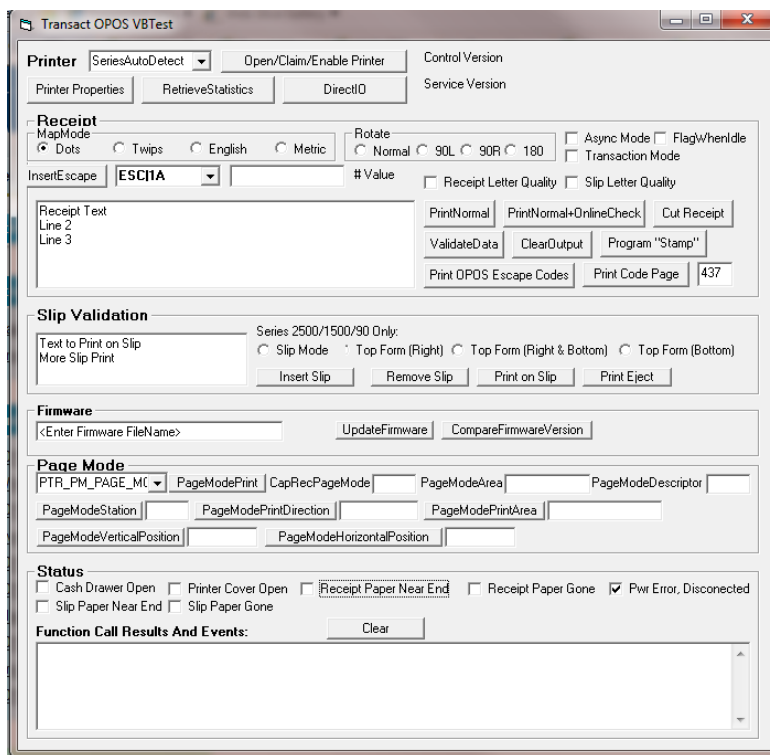


The Ithaca Receipt printers are an older model that are mapped one printer to one collection station. New World is no longer recommending these printers to new customers but they are still supported.

The key to the Ithacas is getting the VBTest program working. If you can print out of this program (it will be in the start menu on the installed machine under TransactOPOS) you will be able to print out of new world ERP. Ithacas cannot be installed with a Windows Print Driver. Use the OPOS driver described in this document.

Click Open/Claim/Enable Printer at the top and then click the PrintNormal button. If VBTest prints, you should be able to print from ERP.



Cash Register Setup - Slip Printers

The following steps will walk you through the installation and setup of TransAct Ithaca Series printers for use with the new world ERP product. This will include:

1. Open Point of Sale (OPOS) Driver Setup
2. Printer Hardware Setup
3. new world ERP Software Collection Station Setup



This document pertains to the following Brand and Models:

TransAct Ithaca Series 90/90Plus printers (Parallel only)

TransAct Ithaca Series 150 printers (Parallel only)

Prerequisites

The following components must be installed on the workstation where the Slip Printer will be physically connected to.

Microsoft .NET Framework Version 1.1 Redistributable Package

<http://www.microsoft.com/downloads/details.aspx?FamilyId=262D25E3-F589-4842-8157-034D1E7CF3A3&displaylang=en>

Microsoft .NET Framework Version 2.0 Redistributable Package

<http://www.microsoft.com/downloads/details.aspx?FamilyID=0856EACB-4362-4B0D-8EDD-AAB15C5E04F5&displaylang=en>

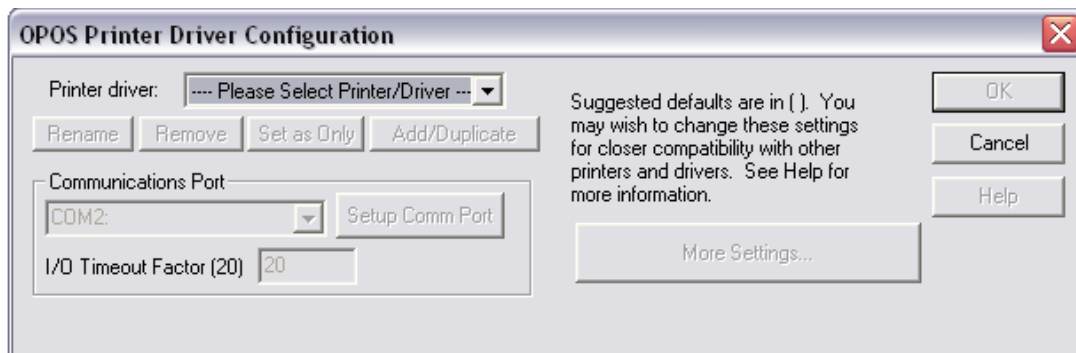
NOTE: Before setting up the Ithaca OPOS driver, make sure the printer is not setup as a Windows Printer under Windows Printers and Faxes. If the printer is setup as a Windows Printer, it will conflict with Receipt Printing and may cause errors.

Open Point of Sale (OPOS) Driver Setup

The Open Point of Sale (OPOS) Interface driver must be installed on the workstation where the printer will be physically connected to. Both the Ithaca Series 90/90Plus and Ithaca series 150 printers will work using the same drivers. Drivers can be downloaded from TransActs website (<http://www.transact-tech.com/tsg/90drivers.html>). The following setup is assuming the Ithaca OPOS driver, OPOS1617.exe, has been installed.

Note: The Driver Setup can also be accessed after the initial installation of the driver. It can be found under the Windows Start Menu >> All Programs >> Ithaca OPOS >> Ithaca OPOS Setup

During the installation of the driver, the following screen will appear:

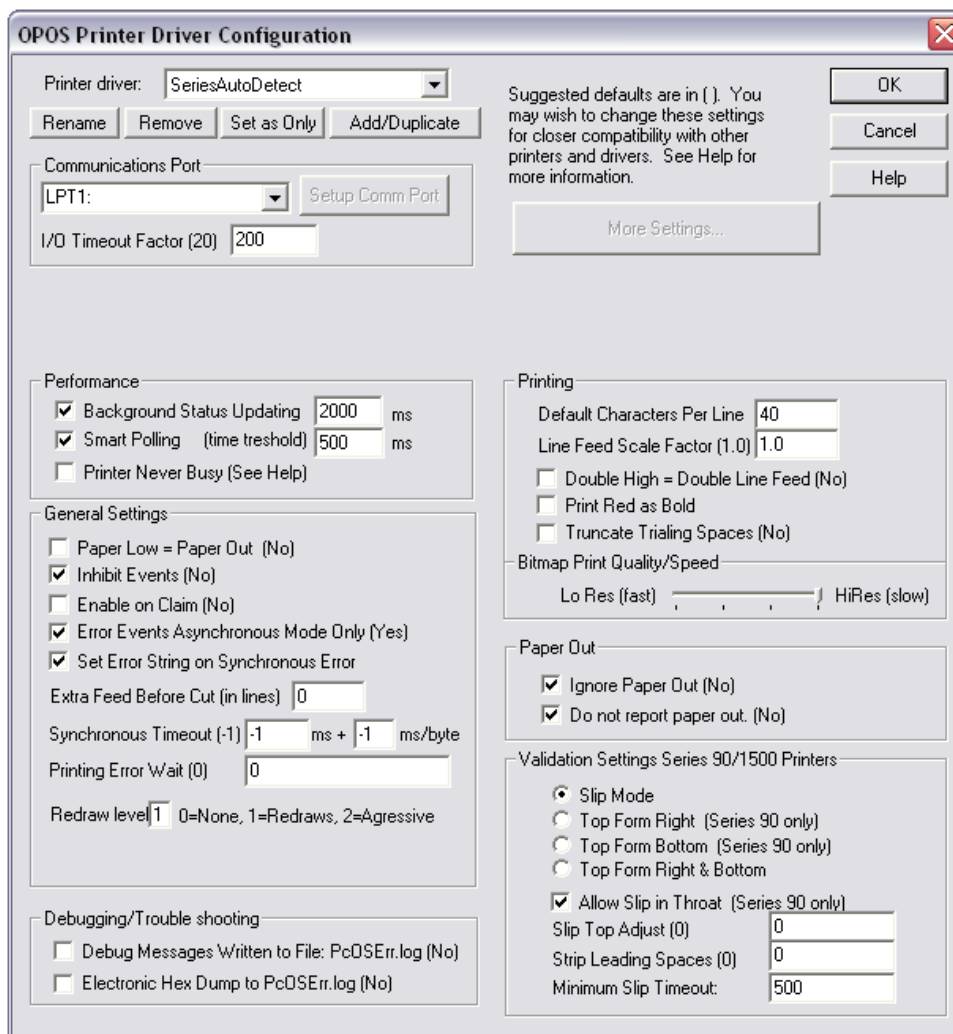


Setting up an Ithaca Receipt Printer

Update the following settings on this screen:

4. Select 'SeriesAutoDetect' from the **Printer driver:** dropdown.
5. Change the **Communications Port** to 'LPT:'
6. Change the **I/O Timeout Factor** to '200'

Once the above settings have been changed, click the **More Settings...** button to display extra settings on the driver.



Update the following settings on this screen:

1. Uncheck **Printer Never Busy**
2. Check **Inhibit Events**

Once the above settings have been changed, click the **OK** button to continue to the OPOS Cash Drawer Driver Configuration, as shown below.



Leave the default settings on this screen and Click **OK** to finish the Ithaca OPOS Driver setup.

Printer Hardware Setup

Once the printer driver has been installed and setup, the Printer Hardware's internal settings must be manually configured. This setup is necessary to make sure the Printer communicates properly with the workstation it is connected to.

Instructions on how to navigate and make changes to the printer setup can be found on TransAct's website (http://www.transact-tech.com/products/ithaca_series90_info_mcp.html). For your convenience, the instructions can be found below.

Manual Configuration:

This mode allows manual configuration of the printer.

To enter manual configuration mode:

1. Power the printer off.
2. Press and hold the Resume and Feed buttons down at the same time.
3. Power printer on, while still holding Resume and Feed.
4. As soon as the printer starts to print, the Resume and Feed buttons should be released.
5. The printer will print the software revision information and instructions for using manual configuration.
6. When that has finished printing, press the Resume and Feed buttons together again, and let go, and the printer will print a list of all the current settings in the printer. You are now in Manual Configuration Mode.

To navigate the Configuration Mode:

1. You will have to lift the cover to see the very last thing that printed on the paper, or tap the feed button until you get no more words on the paper. You will see on the left hand side, words that are all the same (General, Vertical, Character,...). They are groups.



2. To cycle through the different options in a group you press the Release button and let go.
3. To go to the next group you press the Resume button and let go.
4. To change an option in a group you need to press the Resume and Release buttons together, and then let go. This will print one line on the paper (next option).

To save the configuration:

1. Once you have made all your changes, then you need to press the Resume button until the last thing that prints out is "Save Changes No".
2. Then you need to press the Resume and Release buttons together and then let go, this will change it to "Save Changes Yes".
3. Next, press the Resume button one more time and this will store the information into the printer

Using the instructions above, verify the settings on your Printer match the following. All other settings on the printer can be left as default.

General Emulation Mode	Normal IBM
General M50 Compatibility	Off
General Reset Inhibit	Off
General Print Suppress/Pass	Off
General Graphics Save Lock	Off
Vertical Paper Out Mode	Warning
Interface Comm. Link	RS1284
Interface On/Off-line	Buffer Full Only
Interface Windows PnP	No

new world ERP Software Collection Station Setup

The last two parts of the setup will be done within the new world ERP software. The Collection Station needs to be setup using the following instructions.

1. Log in to new world ERP and go to Maintenance > new world ERP Suite > Revenue Collection > Collection Stations
2. Click **New** to add a new Collection Station
3. Fill in the **Collection Station** fields:



Collection Station	
Active	☒
Name	Station 1
IP Address	1.1.1.1
Print Receipts	☒

Note: The IP Address field should be filled in with the IP Address of the workstation where receipt printer is connected to. It can be set to a 'generic' address if the workstation does not have a static IP address or if the workstation is used to connect to different collection stations.

4. Fill in the **Printer** fields:

Printer	
Type	Slip Printer
Header	Default Receipt Header
Footer	
Print Driver	EPOS Print Driver
Model	Ithaca - Series90 - Alt
Name	SeriesAutoDetect
Default Validate Checks	☒

5. If using a Cash Drawer, fill in the **Cash Drawer** fields:

Cash Drawer	
Cash Drawer Name	PcOSSeries
Model	PcOSSeries - PcOSSeries

6. Click **Save** to save the new collection station.
7. Once the collection station has been created, navigate back to the Collection Station list and click the **Setup Slip Printer** button.

Setup Slip Printer

8. Click the **Setup** button to create a batch file to run on the workstation.



Collection Station List

Set Up Collection Station For Point of Sale Printer

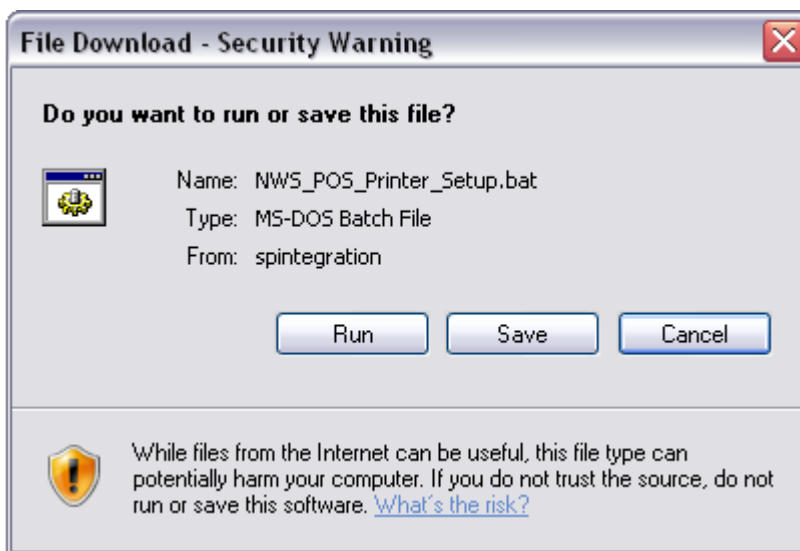
Click the "Setup" button below and select "Save" when prompted to save the batch file to disk. Run the saved file to enable POS printing at this collection station.

IMPORTANT! You must be logged in at the collection station's PC and the .Net Framework ver 1.1.4322 or 2.0.50727 must be already installed.

Setup

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9. You will be prompted to either **Run** or **Save** the file. Click **Run** to run the batch file.



10. The screen will prompt the following question twice:
Are you sure you want to perform this operation? (yes/no)

Type **yes** and press **Enter** on both prompts.

11. Log out of new world ERP and close the Internet Explorer browser.

new world ERP Security Settings

Once the Collection Station is setup, authorization will need to be given to any user who will be using the Collection Station within the new world ERP software. Use the following steps to authorize the user:

1. Log in to new world ERP and go to Maintenance > new world ERP Suite > Security > User-Based Security
2. Select the **User** to give authorization to
3. Select 'Collection Stations' under the **Function** dropdown



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Setting up an Ithaca Receipt Printer

4. Find the new Collection Station under the ***Available Collection Stations*** and move it to the ***Authorized Collection Stations*** box.
5. Repeat steps 2 through 4 for each user that needs to be authorized to use the Collection Station.