

Connected Payments APL Client Users Guide

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To maintain the quality of our publications, we need your comments on the accuracy, clarity, organization, and value of this book.



Revision History

Date	Changed By	Comment	Version
6/13/2011	SM	<ul style="list-style-type: none">Document Created	
11/14/2012	MJM	<ul style="list-style-type: none">Updated to latest format	
5/29/2014	MJM	<ul style="list-style-type: none">Added Massachusetts, Florida & Virginia to the State Table.Added 610320xxxx;xx;EW;MA & 508139XXXX;XX;EW;FL & 622044XXXX;XX;EW;VA to known eWIC ranges.	
1/28/2015	MJM	<ul style="list-style-type: none">Added Wisconsin, WIAdded range 585992XXXX;XX;EW:WI	

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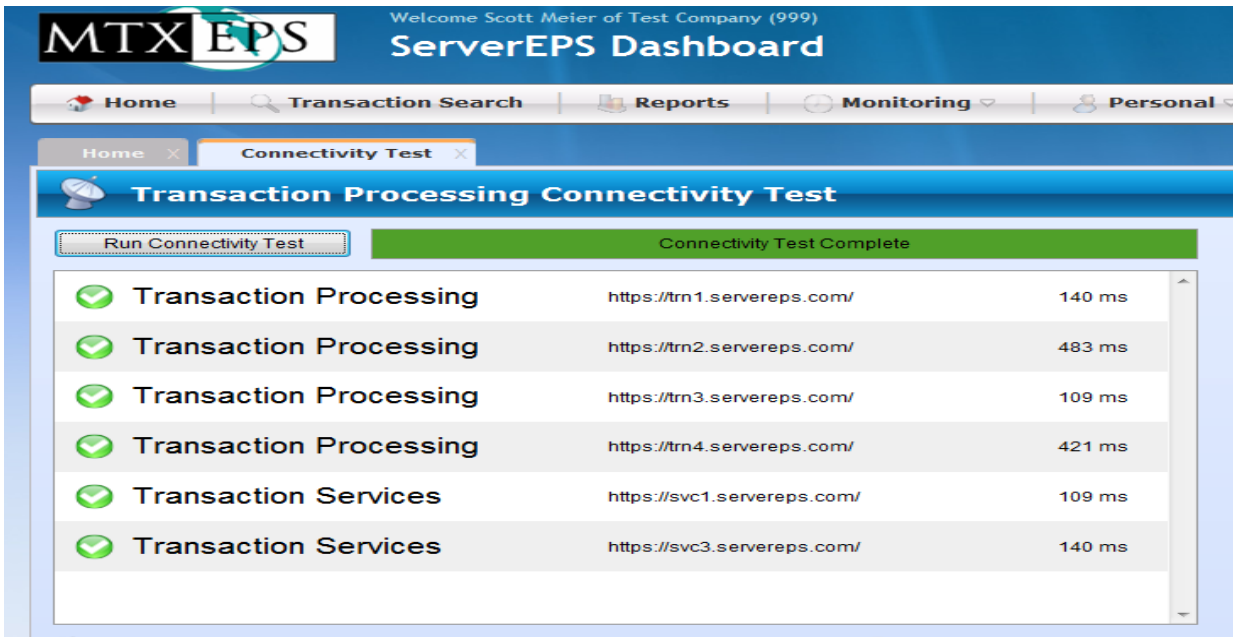
Introduction

The Connected Payments APL Client is designed to allow a merchant to securely obtain states APL files when available for ONLINE eWIC processing with Connected Payments. The APL Client is designed to be installed on the POS back office system where the APL files will be imported by the POS system. The Connected Payments APL Client application is only designed to facilitate the delivery of the APL file from the state to the merchant's location and does not import the APL file into the POS system. It is our recommendation that the regular downloading of the APL files should take place during slower transaction processing times in order to ensure receiving the APL files do not cause any local bandwidth issues.

Pre-Installation Procedures

Step 1 - Networking

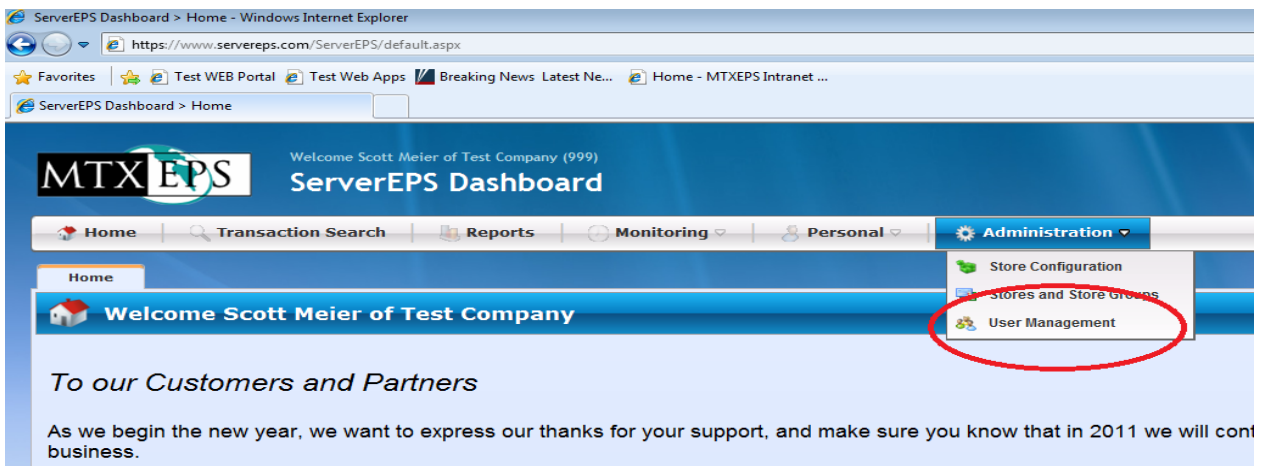
The system in which the APL Client will be installed on will need access to the internet using outbound port 443, these are the same network settings used for a POS lane integrated to Connected Payments. To verify connectivity we recommend you log into the Connected Payments Web Portal and run the connectivity tester and verify you receive all green results. The connectivity tester can be found under the "Monitoring" tab.



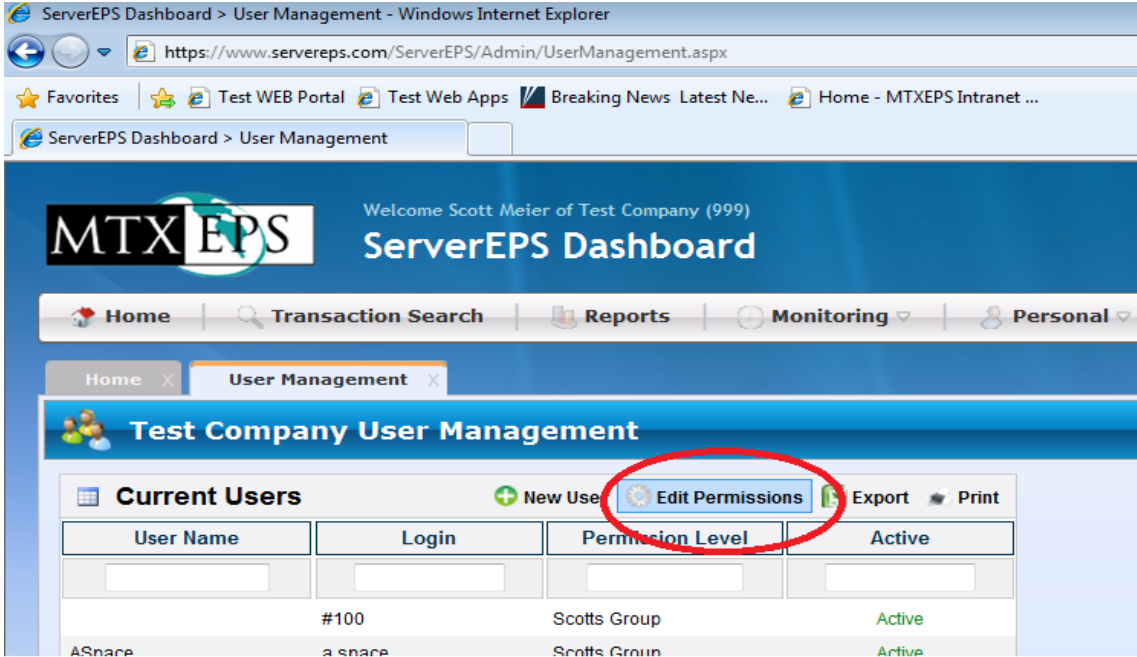
Step 2 – User Creation

Prior to installing the Connected Payments APL Client you will need to log into the Connected Payments Web Portal and create a user with “rights” to download the APL File. Rights to an individual group may be found in the permissions tab, the new right is: eWIC APL. It is recommended that you create a group and users whose sole right is to download eWIC APL files. Note the username and password you created as this will be needed in the next step. A single username will work for any store within the company. Follow the steps below to create a new user group. The password for this user will expire as normal but does NOT need to be changed or modified. The APL client is designed to work with a user whose password has expired and this is why we recommend you create a specific user whose only right is the APL export.

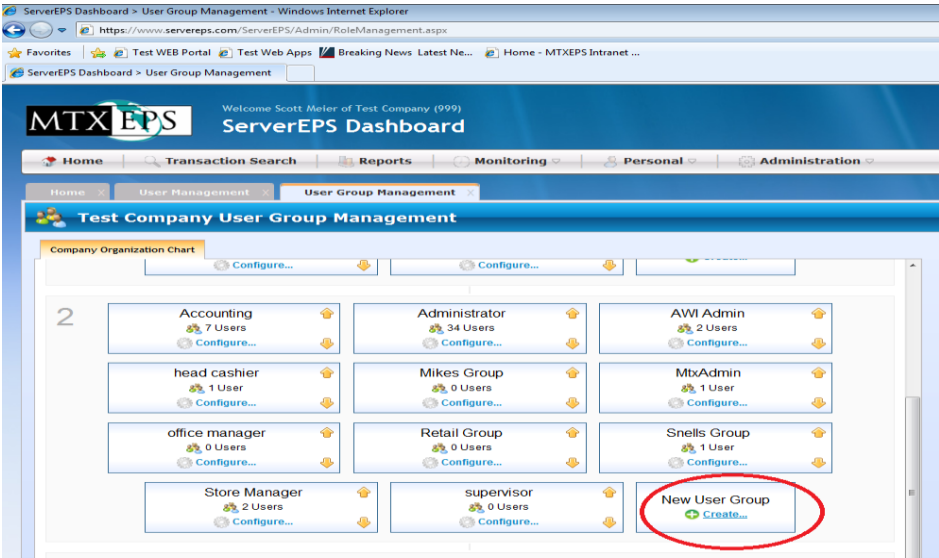
- To create a new user group log into the Web Portal and select Administration | User Management



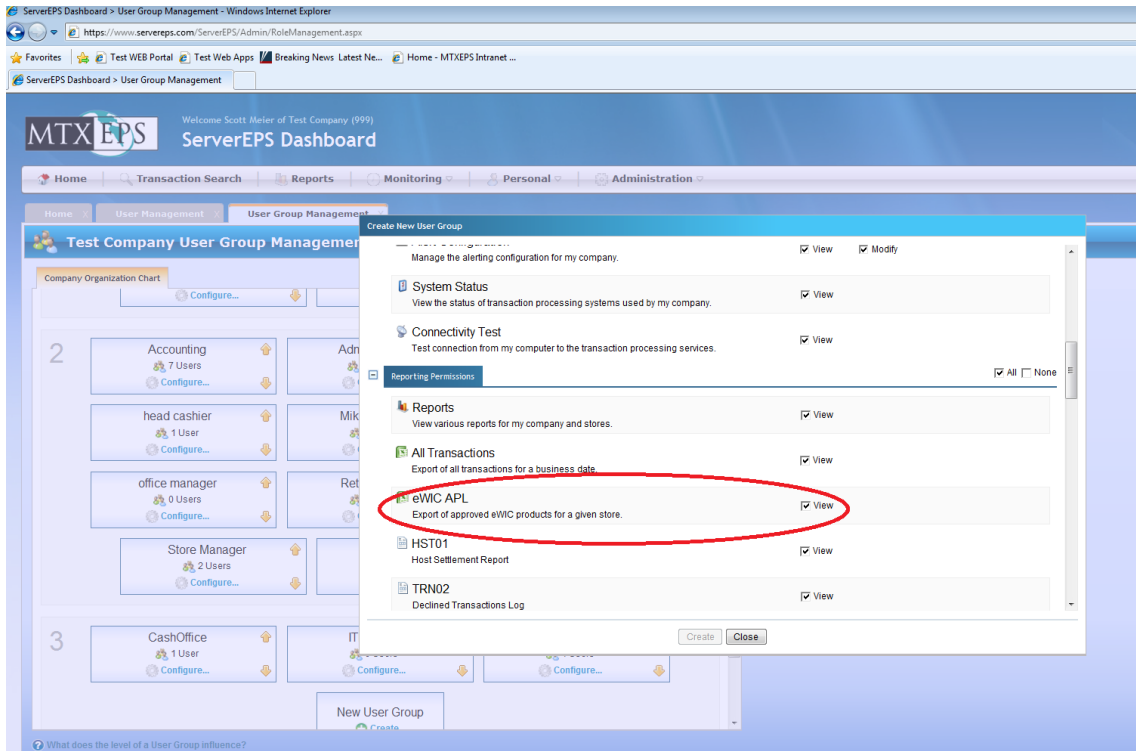
- From the User Management Screen select “Edit Permissions”



- From the permission management page select “Create New Group” in the desired permission level



- From the Group Permissions tab, select eWIC



Step 3 – eWIC APL Sign Up

The delivery of the APL files is controlled by configuration settings within the Connected Payments datacenter. To use the Connected Payments APL Client application you must contact your Connected Payments account manager and inform them which states you would like to make available for your particular company. The system currently supports delivering Kentucky and Chickasaw APL files. Attempting to use the Connected Payments APL client prior to notifying Connected Payments will result in non-delivery of the APL files.

Installation

Step 1 – Obtaining Installation

The Connected Payments APL Client installation is available on the Connected Payments Web Portal under the Customer Service option.

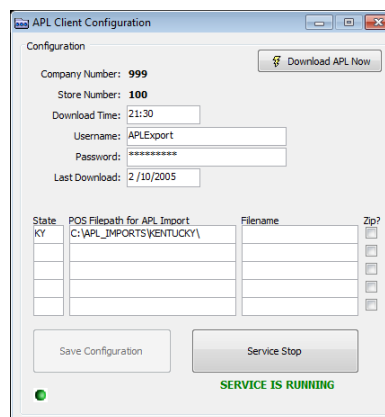
Step 2 – Run Installation

Place the Connected Payments APL Client installation on the desired system and execute the installation and follow the on screen instructions. The APL Client installation is identical to all Connected Payments installations; you will be prompted for a company and store number plus be prompted for an administrative user to control the APL Service.

Step 3 – Configuration

Once the installation is complete you should find an APL Client shortcut on your desktop. If the shortcut does not exist then access to the GUI can be found in the default installation path of “C:\Program Files\MTXEPS\APL Client\”, the APL client GUI executable is APLClientGUI.exe.

Launch the APL Client GUI.



Company Number - This should be displaying the company number value entered during your installation. To change the company number you need to edit the company number value in the windows registry.

Store Number - This should be displaying the store number value entered during your installation. To change the store number you need to edit the store number value in the windows registry.

Download Time - This value represents the time each day the APL Client Service will check for APL file updates. It is recommended that this value be set to at least 1 hour prior to the normal POS back office process and should take place during slower transaction processing times in order to ensure receiving the APL files do not cause any local bandwidth issues.

Username – This value represents the Connected Payments user created in your pre-installation steps that has the EWIC APL right. If you do not know this user please refer to the pre-installation steps in this document.

Password - This value represents the password of the Connected Payments user created in your pre-installation steps that has the EWIC APL right. If you do not have this password please refer to the pre-installation steps in this document or obtain the password from your company administrator.

Last Download - After each download the APL client will “remember” the last time it received an APL file, this value upon installation will be set a date in the past but upon your first download this value will be updated to the current date. If you ever wish to initiate a download you can set this date to year 2009 and save the configuration, this will cause the server to send new files at the Download Time.

Path & Filename definitions – By default the Connected Payments APL Client will download and place the APL files into the root folder where the service is installed. In general this will not facilitate the importing into your POS system. Each POS system has folders it is expecting the APL files to be placed prior to the EOD processes being ran. It is recommended you check with your POS vendor to get specifics on where your POS expects these files to exist and whether the POS expects this file to be compressed or simply the flat ASCII file. Below are recommendations for some of the POS which currently support eWIC through Connected Payments. For the State box we are expecting the two digit value defined for each state or ITO participating in eWIC, below is a chart of the currently known values:

State

State	2 - Digit Value	Comments
Chickasaw	C4	▪
Florida	FL	▪
Kentucky	KY	▪
Massachusetts	MA	▪
Michigan	MI	▪
Nevada State	NV	▪
Nevada ITCN	I5	▪ Letter “I” and 5, not Fifteen
Virginia	VA	▪
Wisconsin	WI	▪

POS file path for APL Import

ScanMaster

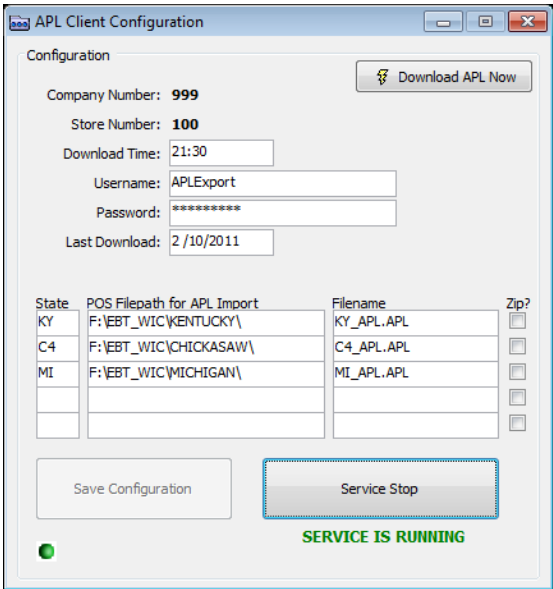
The base folder in ScanMaster is \EBT_WIC\ off the root of the shared drive; in general the ScanMaster shared drive will be letter “F”. When a WIC authority is enabled in the ScanMaster back office a state specific subfolder will be created and the APL files should be placed there for importing.

The minimum version of POS to support eWIC is: 2.07.02-050

F:\EBT_WIC\KENTUCKY\



Sample GUI

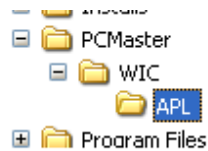


ISS45 V7

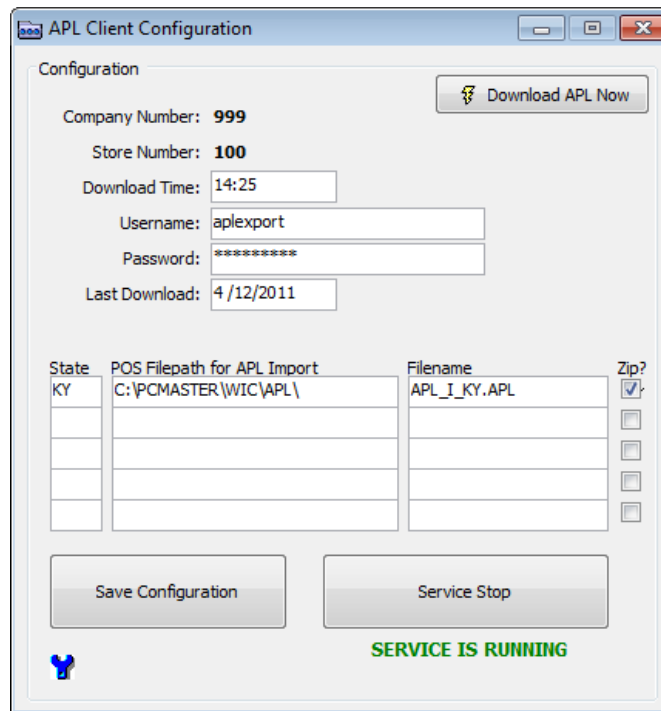
For the ISS45 V7 system all state APL files needs to be placed into the “APL” folder for importing at EOD. Because all states go into the same folder it is important that you name each state differently. The filename must be at least 8 digits and the extension for the file name must be “apl”. The “zip” flag should be set for this POS so the file will be compressed and the name will be preserved.

The minimum version of POS to support eWIC is: 7.1.4.0-050

`\PCMaster\WIC\APL\`



Sample GUI

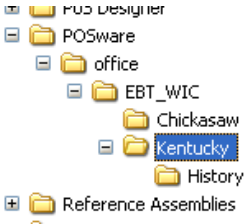


ISS45 V8

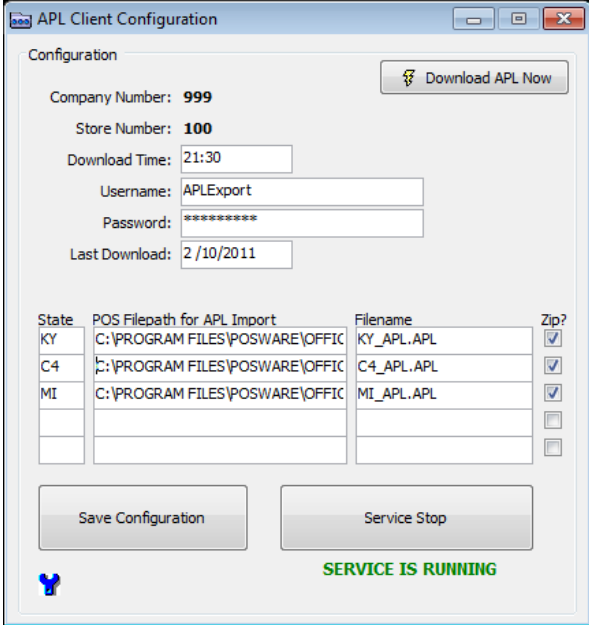
For the ISS45 V8 system each state will be placed in its own individual “State” folder as shown below. The state folders will be created automatically upon activating the state in the POS back office system. The zip option should be used with this POS.

The minimum version of POS to support eWIC is: 8.1.5.2-050

`\Program files\posware\office\EBT_WIC\'state name'\History\`



Sample GUI

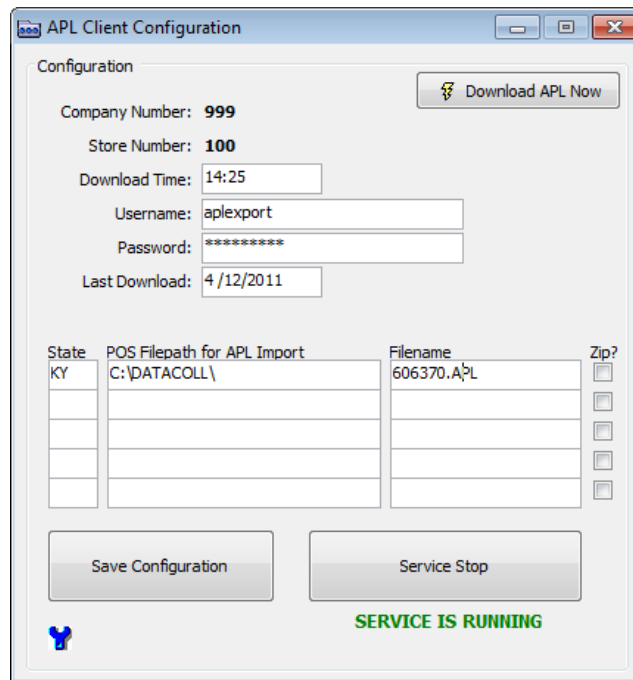


RORC viPOS

For the RORC viPOS system each states APL file will be placed into the DataColl folder. The file naming convention is XXXXXXXX.apl where XXXXXXXX is the WIC Authority or State BIN Number, i.e. 606370.APL is for Kentucky.

The minimum version of POS to support eWIC is: viPOS 5.2 SP9

\DataColl



Filename

On most POS systems the only requirement is to have the file extension be named .APL, by default you should be able to leave this blank and the files should import into your POS system.

Zipped

At present the ISS45 V7 & V8 systems expect the file to be compressed when placed into the desired folder, this option should be checked for those POS systems. Keep in mind that although this file is compressed the file extension will need to be .APL, not .zip what you would normally expect on a compressed file.

Download Now Option

The download now button can be used to fire off an immediate request to Connected Payments for the APL files. If you have made any recent changes to the State, Path, Filename, or Zipped configuration please make sure you save the configuration before hitting the Download Now button. Please note, the download and importing of each state file takes approximately 1 minute.

Step 4 – Start Service

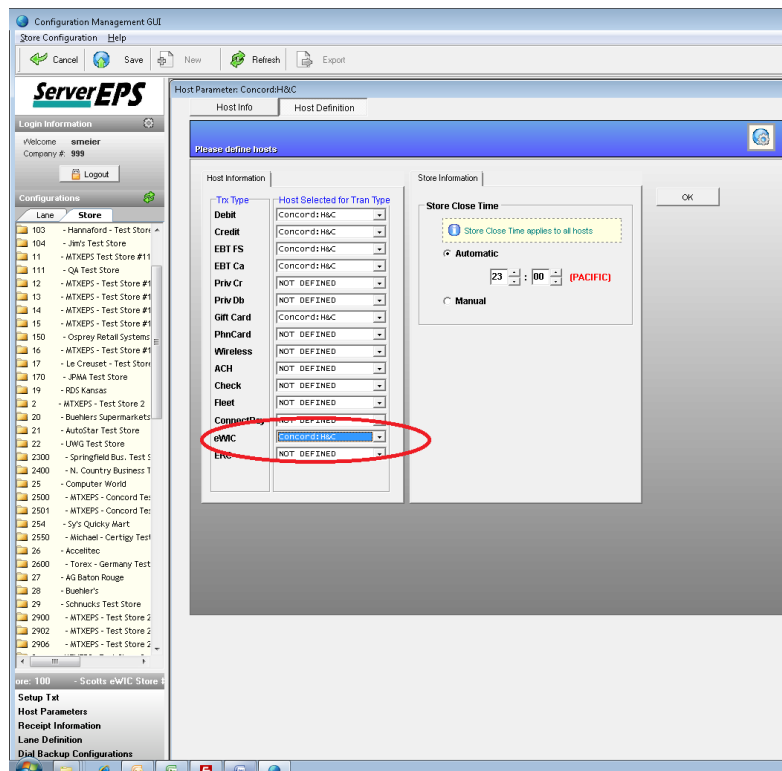
After you have configured the system the last step is to click the Service Start button. If the service does not start within 2-3 seconds you may attempt to start the APL Service from the Windows Service Control manager to see details on any errors. The most common error is the wrong password for the user used to control the service.

Configuring eWIC in Connected Payments

There are a few basic steps to configuring eWIC in Connected Payments. The first step is to log into the Connected Payments web portal and launch the Connected Payments Configuration Manager under the company that you wish to add eWIC support to. Once you have logged into the Configuration Manager follow the steps below to enable eWIC processing in Connected Payments.

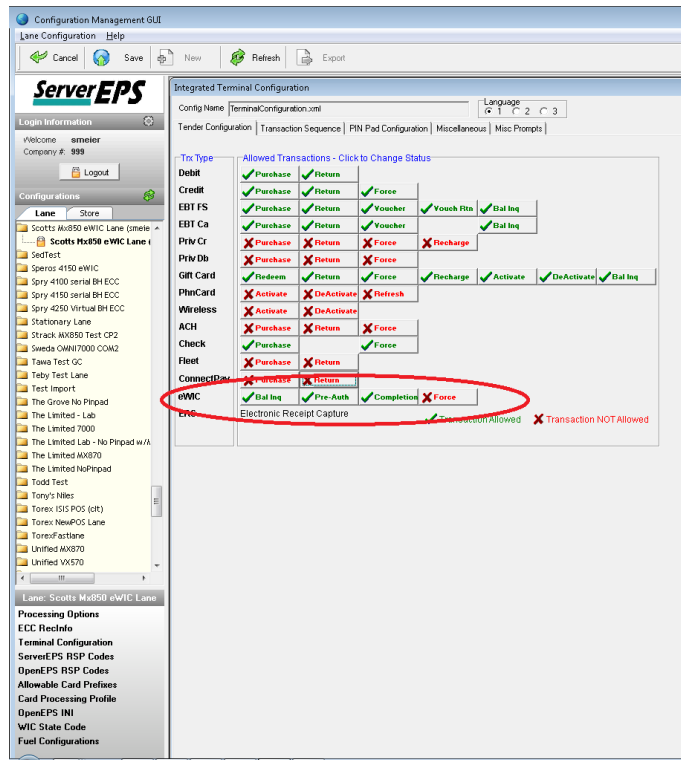
Step 1 – Define Host processing eWIC transactions.

- Open Store Configuration set
- Select Host Parameters configuration screen
- Set “Concord H&C” next to eWIC tender
- Save Store Configuration set



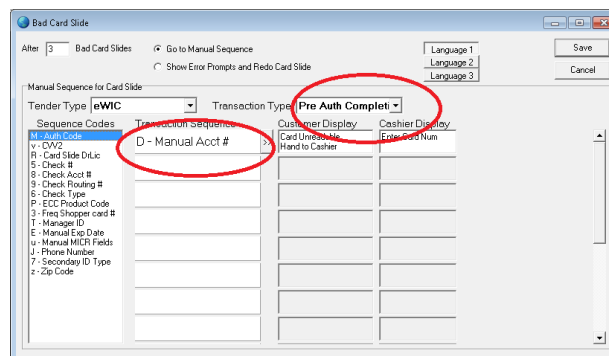
Step 2 – Turn on eWIC Transaction Types

- Open Lane Configuration set used in store
- Select Terminal Configuration screen
- For eWIC tender select; Bal Inq, Pre-Auth, and Completion
- (Force is not currently being used)



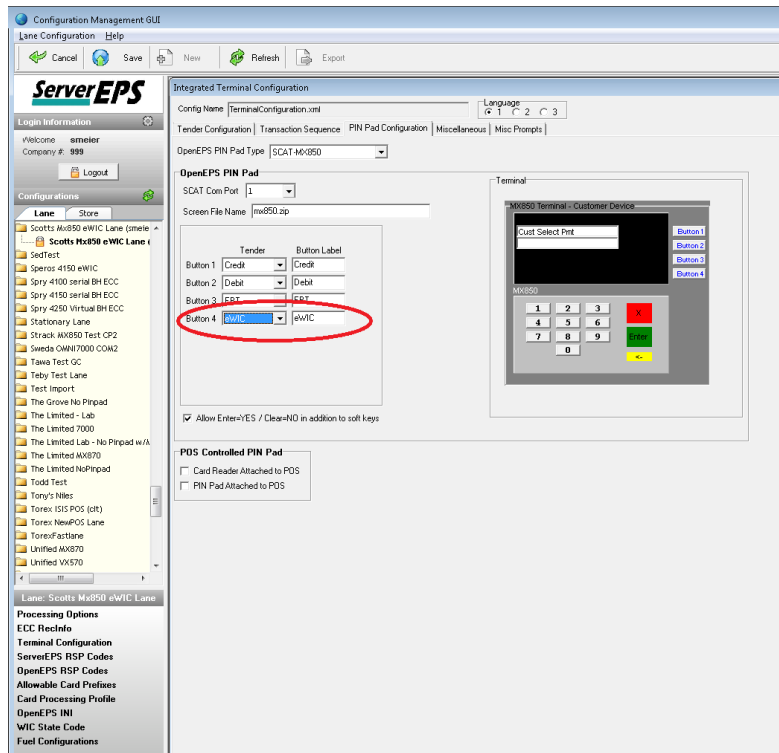
Step 3 – Configure Manual Actions

- On Terminal Configuration Screen select Transaction Sequence Tab
- Left click “Card Slide” TAC “>>” in First Actions and select “Bad Card Slide”
- Select eWIC tender
- Select each transaction type and confirm the “D” TAC is in each sequence
- Select Save



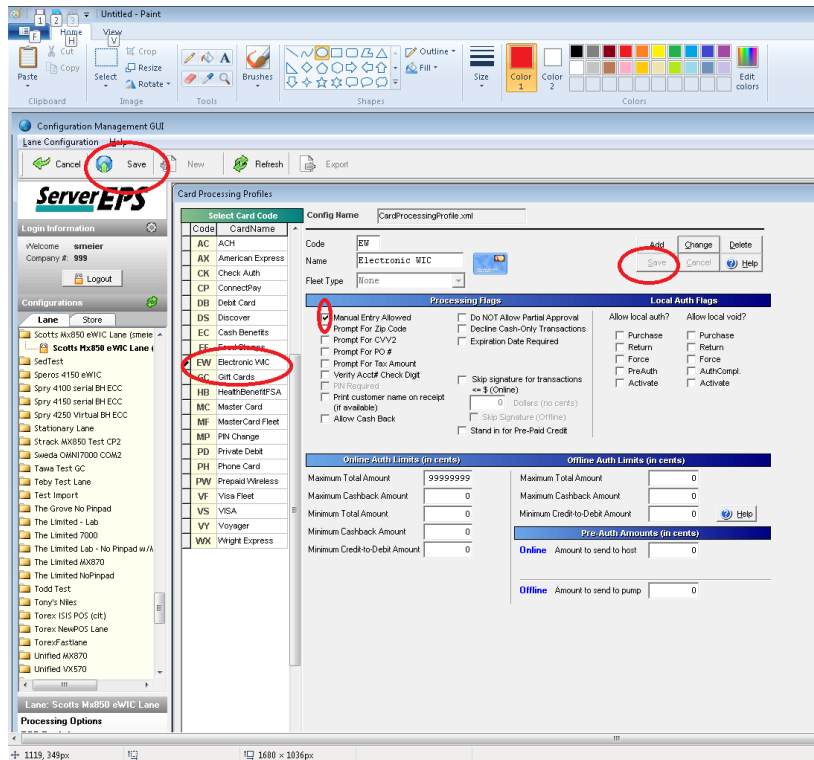
Step 4 – Define eWIC tender button on Pin Pad (optional)

- If merchant would like an eWIC button on the pin pad proceed with this step
- On Terminal Configuration Screen select Pin Pad Configuration tab
- Under Button Configuration select Tender eWIC and define button label



Step 5 – Build eWIC Card Processing Profile

- Select Card Processing Profile screen
- If 'EW' profile does not currently exist select "Add"
- Define 'EW' profile as shown in below screen shot
- Select "Save" on Card Processing Profile Screen
- Select "Save" on Lane Configuration in upper Left corner
- *note – 'EW' in our recommended CPP code but it is not required.

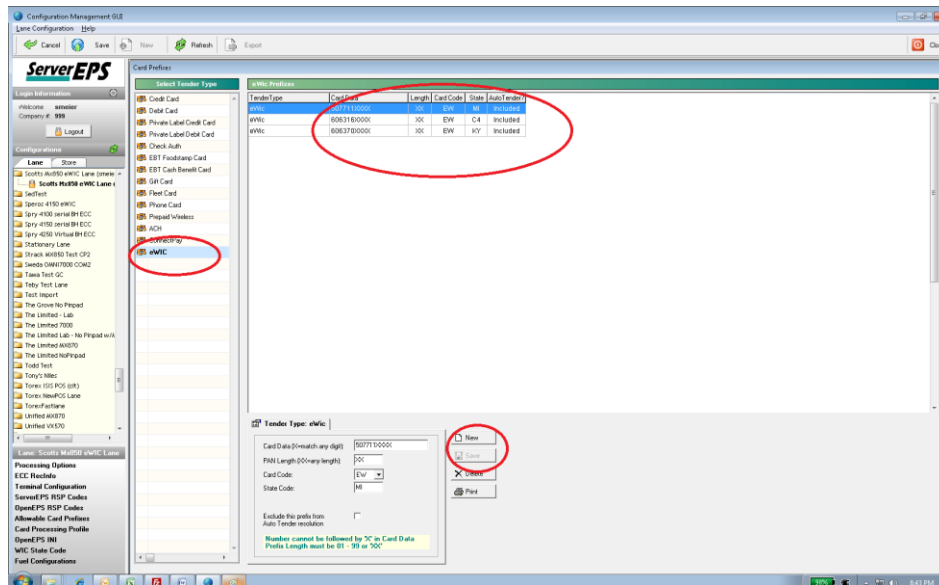


Step 6 – Define Allowable Card Prefixes

- Re-Open Lane Configuration set used in previous step, note, if you did not save in the previous step then please save now and re-open.
- Select Allowable Card Prefixes screen
- Select Tender Type “eWIC”
- Select “new” in lower right center of screen to add a new range
- Define the following known ranges:

Range	Comment
507711XXXX; XX; EW; MI	
606316XXXX; XX; EW; C4	
606370XXXX; XX; EW; KY	
50771580XX; XX; EW; NV	
50771581XX; XX; EW; NV	
50771582XX; XX; EW; NV	
50771583XX; XX; EW; NV	
50771584XX; XX; EW; NV	
50771585XX; XX; EW; NV	
50771586XX; XX; EW; NV	
50771587XX; XX; EW; NV	
50771588XX; XX; EW; NV	
50771589XX; XX; EW; I5	(letter “I” + 5, not Fifteen)
508139XXXX;XX;EW;FL	
585992XXXX;XX;EW;WI	
610320XXXX;XX;EW;MA	
622044XXXX;XX;EW;VA	

- Select Save on Lane Configuration
- Log out of Connected Payments configuration Manager



Step 7 – Sign OFF and ON POS to download new configurations to lane.

Additional Configuration Steps

Step 8 – For ISS45 V7 & V8 users - Modify the ServerEPS response codes and ADD a new “55” response specific to the “EW” card code and set the Terminal Action to “ND”. The V7 & V8 do not support PIN retry requests.

```
<ResponseCode ResponseCode="55" CardCode="EW" CardTypeReadOnly="N" TerminalAction="ND" TerminalActionReadOnly="N">
```

Step 9 – Notify your Connected Payments account representative and have them add the eWIC tender as an allowed tender for the company you wish to process eWIC.

Step 10 – Notify your acquirers account representative and have them add the eWIC tender as an allowed tender for your merchant ID, the acquirer will also need the States eWIC merchant number assigned to this store in order to properly route the transactions.

Step 11 – Check with POS vendor for any updates that may be necessary to process eWIC transactions with OpenEPS.

Contact Information

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