PixelPoint®

Mercury EMV Canada Integration

Publication Details

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Overview

This payment integration is specific solely to Canadian users and allows the POS to communicate with and process payments through Mercury EMV software. This integration replaces the existing Mercury EMV Canada integration supported by Authorization Manager and Remote Device.

Requirements

- Minimum POS v12.3.20
- MercuryEMVCanada.dll 17.8.x or higher
  - To be copied into the folder C:\PixelPOS\DLLS
- NETePay v5.06 or later
- DSIEMVClientX v1.26 or later
- Add the following entry to each Station# section in the Pixel32.ini file:
  - ActiveServer=Y

Supported Functions

- Sale
- Refund
- Void Sale
- Void Refund
- Settle
- EMV Reports

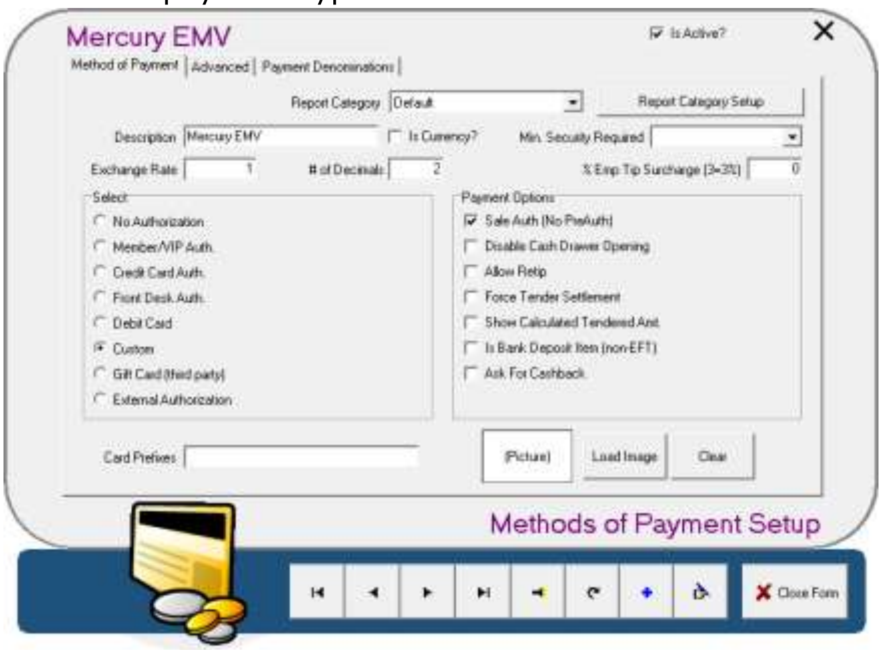
Policies

Before configuring this integration in the POS, the following policy must be enabled:

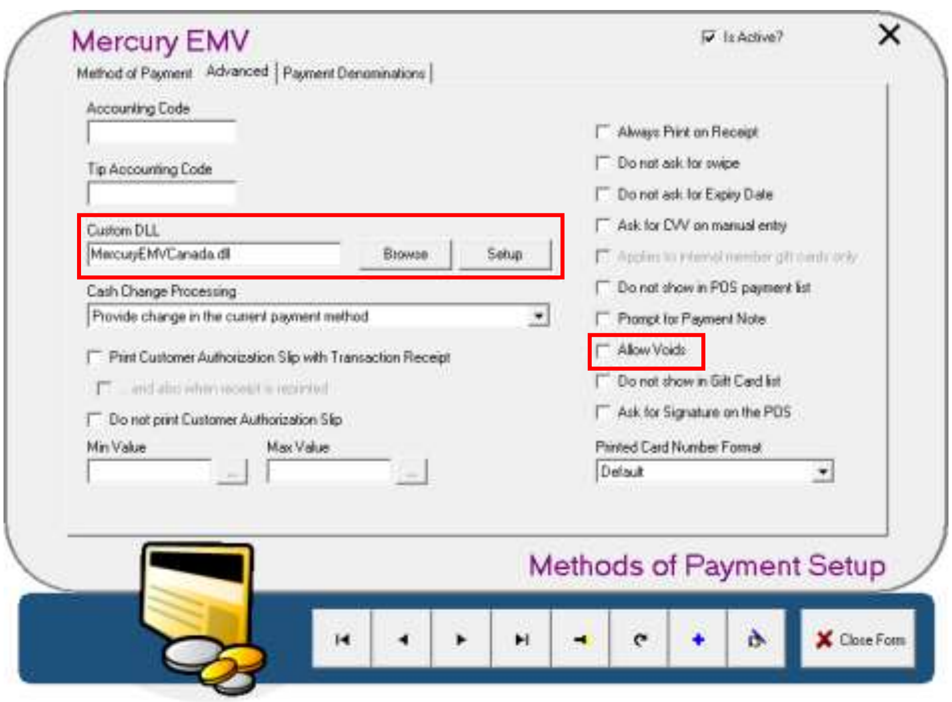
- UseCustomPayment

Setup and Configuration

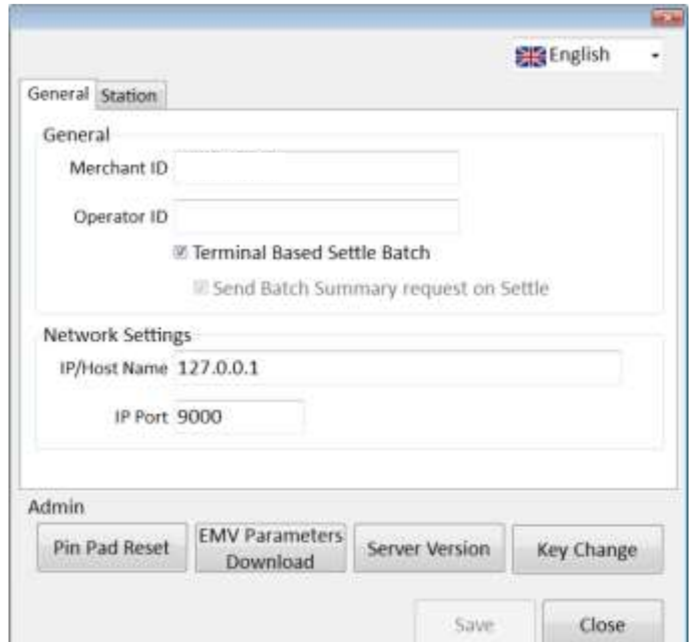
1. In BackOffice, navigate to Administrator>Payment Method Setup.
2. Create a new method of payment and name it Mercury EMV.
3. Select Custom as the payment type.

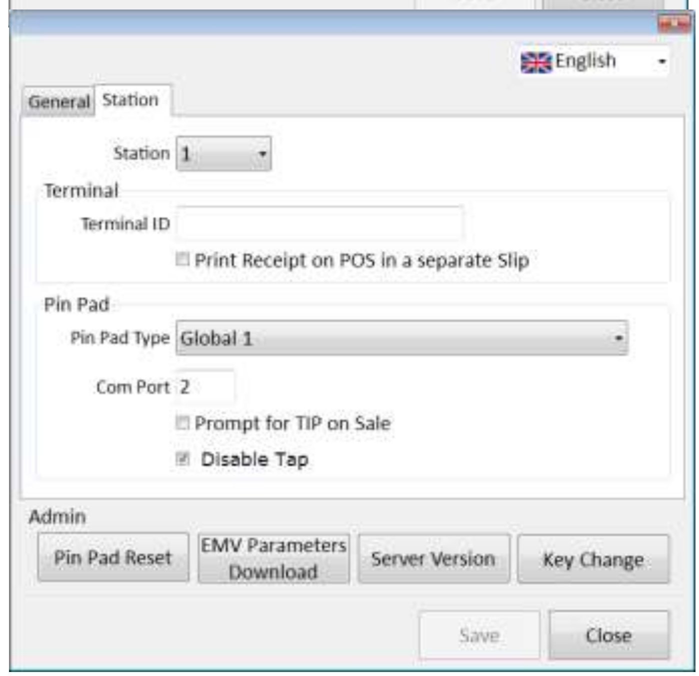


4. Under Payment Options, check the box Sale Auth (No PreAuth).
5. Click the Advanced tab.



6. Ensure the Allow Voids checkbox is unchecked.
7. In the CustomDLL field, select the Browse button. Load the file MercuryEMVCanada.dll from the folder C:\PixelPOS\DLLS.





8. Click the Setup button. The drop down menu in the top-right corner can be used to change the language of the window from English to French.
9. Enter the Merchant ID, Operator ID and IP/Host Name (not always required), as provided by the payment processor.
10. Check the box Terminal Based Settle Batch to send a Settle Batch request to the processor when settling in the POS.
11. Check the box Send Batch Summary Request on Settle to request a Batch Summary from the processor when settling in the POS.
12. Enter the IP Port to access the processor service (9000 by default).
13. Click the Station tab. The Station drop down menu will automatically populate all station numbers found in the Pixel32.ini file. Select the Station # to configure.
14. Enter the Terminal ID as provided by the payment processor.
15. Check the box Print Receipt on POS in a separate slip to print any receipt information returned by the payment processor on a separate slip from the POS receipt.
16. Select the Pin Pad Type in use.
17. Enter the Com Port number that the pin pad is connected to.
18. Check the box Prompt for Tip on Sale to have the pin pad prompt the customer for a tip on each sales transaction.
19. Check the box Disable Tap to disable tap-to-pay functionality on the pin pad.
20. The Admin section has four buttons:
    - Pin Pad Reset – Resets all pin pad settings.
    - EMV Parameters Download – Downloads parameters based on the latest EMV requirements. Should be performed when a new pin pad is installed or replaced, or if requested by your payment processor.
    - Server Version – displays the NETePay server version with which the DSIEMVClientX is communicating.
    - Key Change – Allows the encryption key in the EMV Pin Pad to be changed.
21. Click the Save button and exit the Payment Method Setup window.

Processing Payment Transactions

To process a payment using Mercury EMV:

1. Proceed to the Finish Form and select Mercury EMV as the payment method.
2. Have the customer follow the instructions on the Pin Pad to complete the transaction.
3. If the transaction is successful, an approval message with an AuthCode will be displayed by the POS. The AuthCode for each transaction will also be printed on the POS Authorization slip.

Users can also perform Refunds, Void Sales and Void Refunds using the corresponding POS functions as long as the transaction to be refunded or voided was paid with the Mercury EMV payment method.

Batch Settlements

Users can settle the batch of charges using the corresponding POS function.

EMV Reports

To send a request for reporting information to the payment processor, a button must first be created and placed on the order form. Four reports are available to the user via EMV:

- Offline Declined Report
- Public Key Report
- EMV Parameters Report
- EMC Statistics Reports

To create an EMV Reports button:

1. In BackOffice, navigate to Administrator>Form Designer.
2. Open the Order Form template that is currently in use.
3. Create a new TPixelFunctionBtn on the template.
4. Set the FunctionType of the new button to ftCustomDLL.
5. Set the FunctionID to 200.
6. Caption and style the button as desired.
7. Save and close the form.

To run a report:

1. From within the POS, proceed to the order form and select the newly added EMV Report button.
2. Select the report you wish to run from the resulting window.
3. The POS will print the report that comes back from the processor.