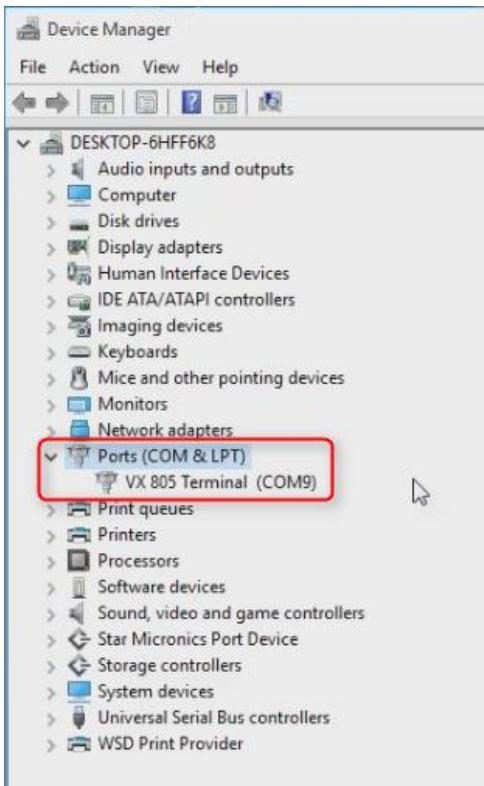


## Vantiv (formerly Mercury) EMV Set-up in POSitive Products

**IMPORTANT:** You'll have to do this installation on each workstation that will be processing credit cards and you'll need the following:

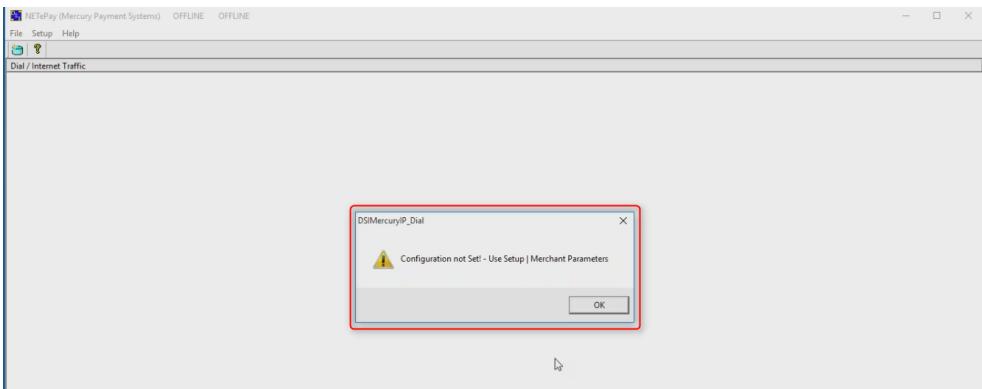
- Customer's Vantiv (Mercury) Deployment ID, the version of NETePay required for the deployment and Merchant Number (there will be a separate deployment ID for each workstation)
  - Verifone Vx805 USB driver
  - NETePay for Mercury "In-Store" version
1. We've collected the Verifone USB driver and NETePay files into a single zipped folder you may download here:  
[http://gopositive.com/downloads/positive/Mercury\\_deployment.zip](http://gopositive.com/downloads/positive/Mercury_deployment.zip)



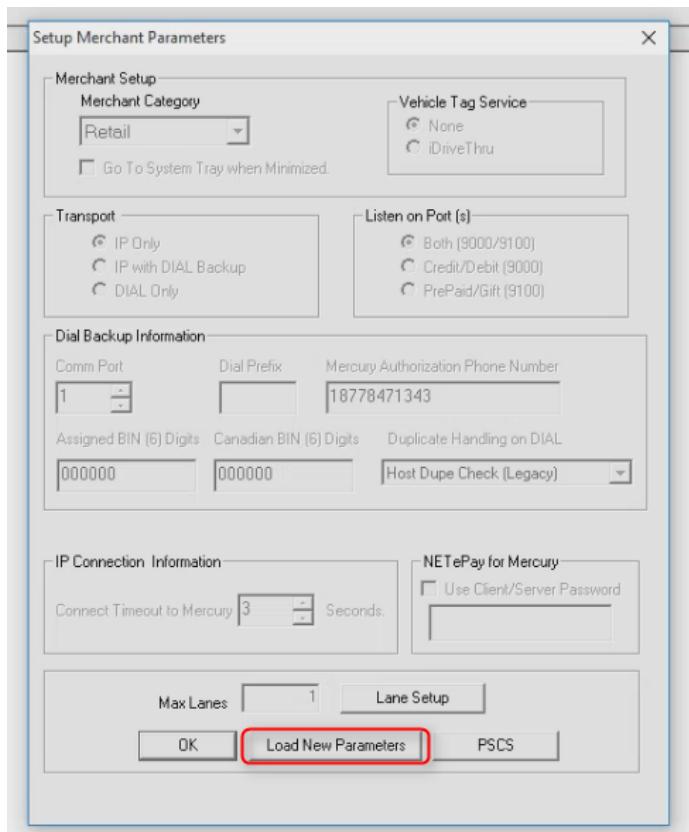
2. Plug in the Verifone Vx805 and make sure it boots up and says "Mercury" and also install the Verifone USB driver. By default it installs a virtual COM9 port and NETePay also looks for this port. You can check the Windows Device Manager to confirm the installation of the Vx805 COM port.



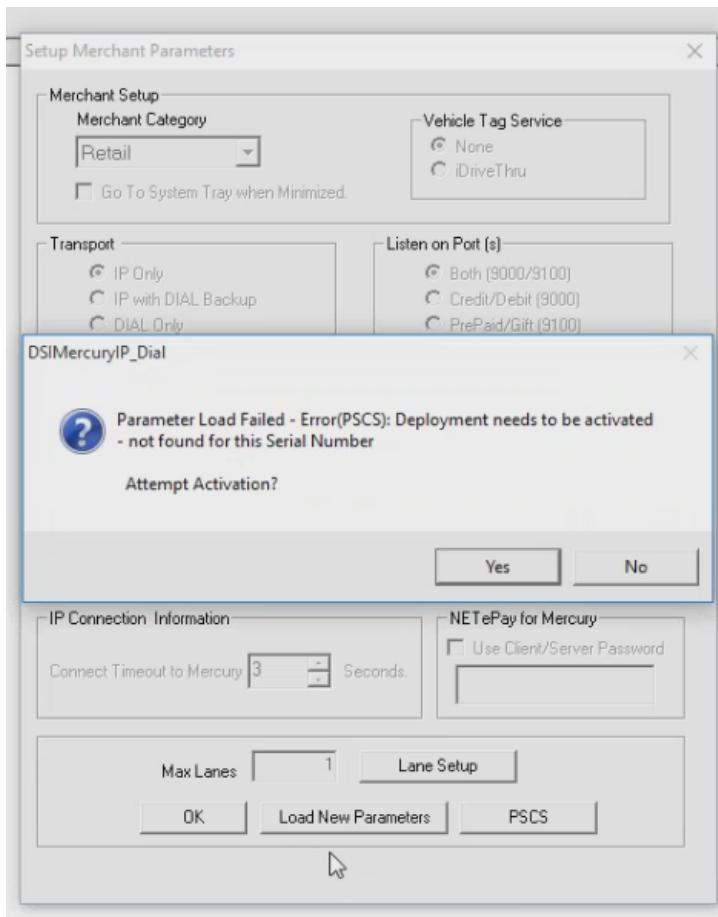
3. Install NETePay for Mercury. Most customers will use the latest version which is 5.06.11, but check your deployment information to make sure. Older versions are available if needed. You'll also need to reboot after installing this file. NETePay will create an icon on the desktop.



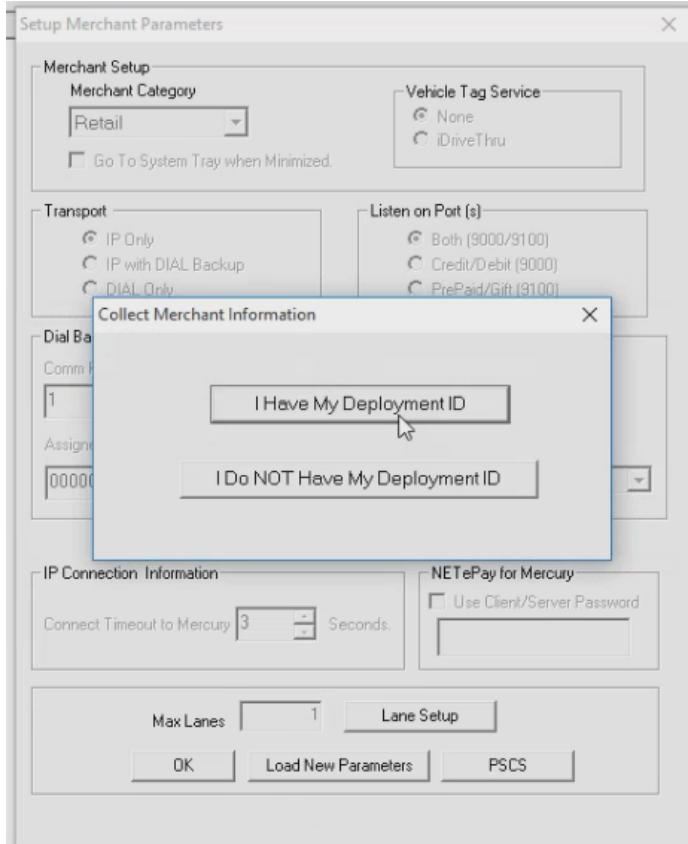
4. Launch NETePay and you'll see a message that says the configuration is not set. Click OK to continue.



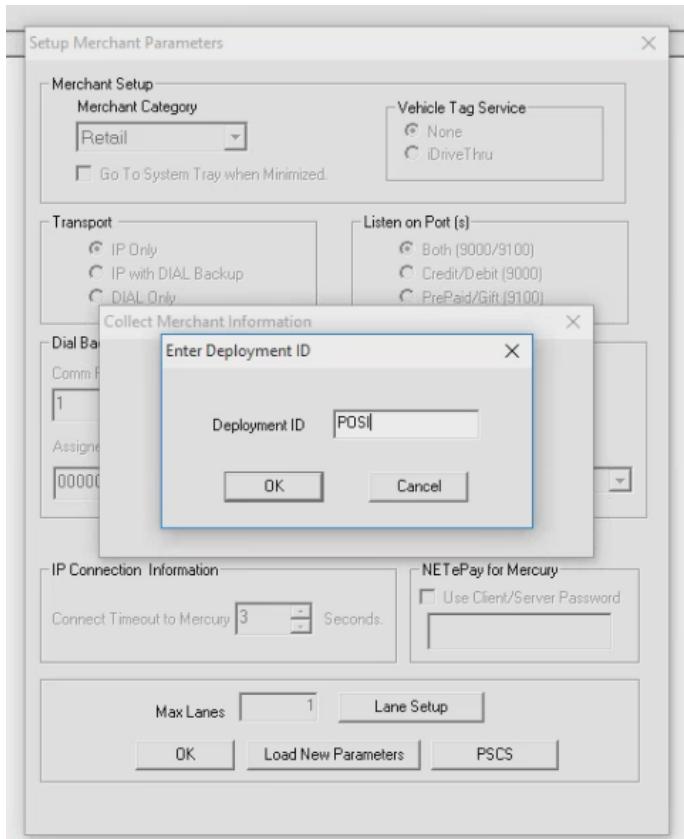
5. Click on Setup, Setup Information and select “Load New Parameters”.



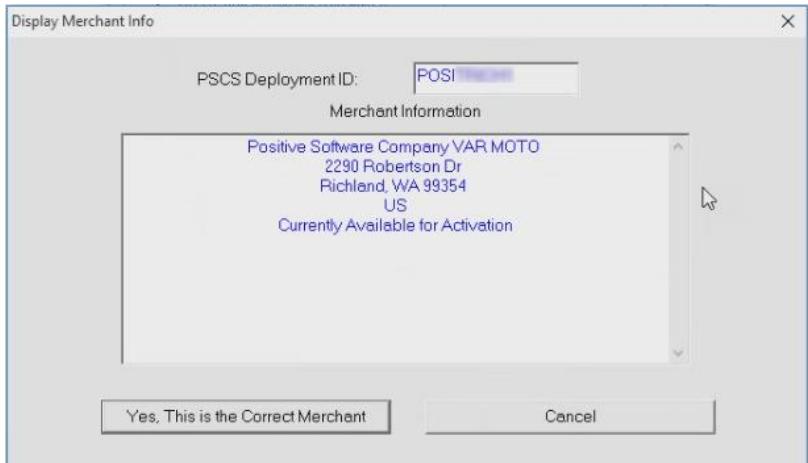
6. The “Parameter Load Failed – Error” message is normal. Click on Yes to continue.



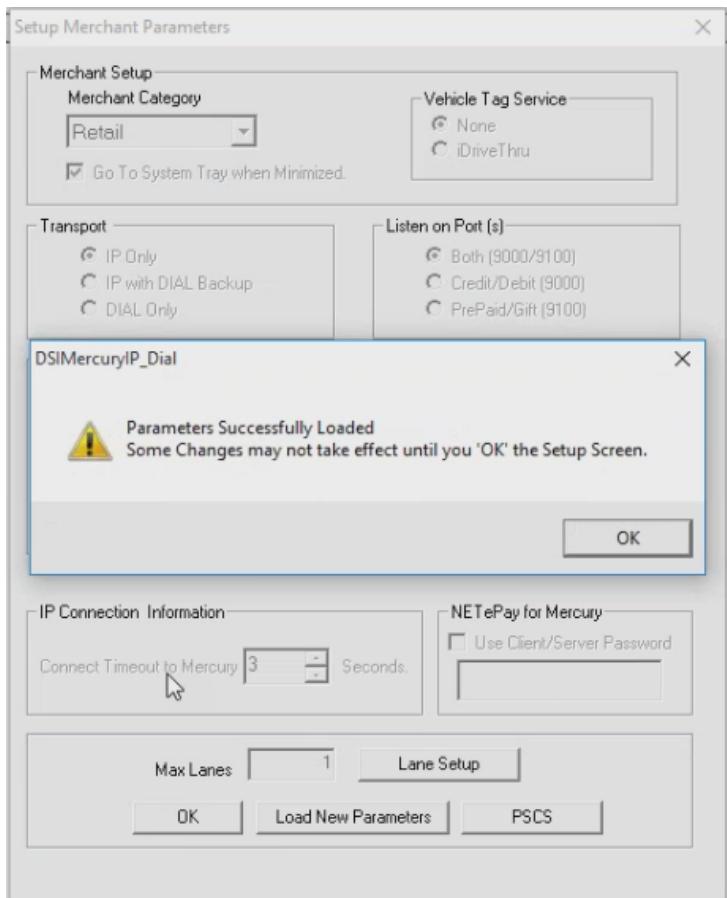
7. Select “I Have My Deployment ID”.



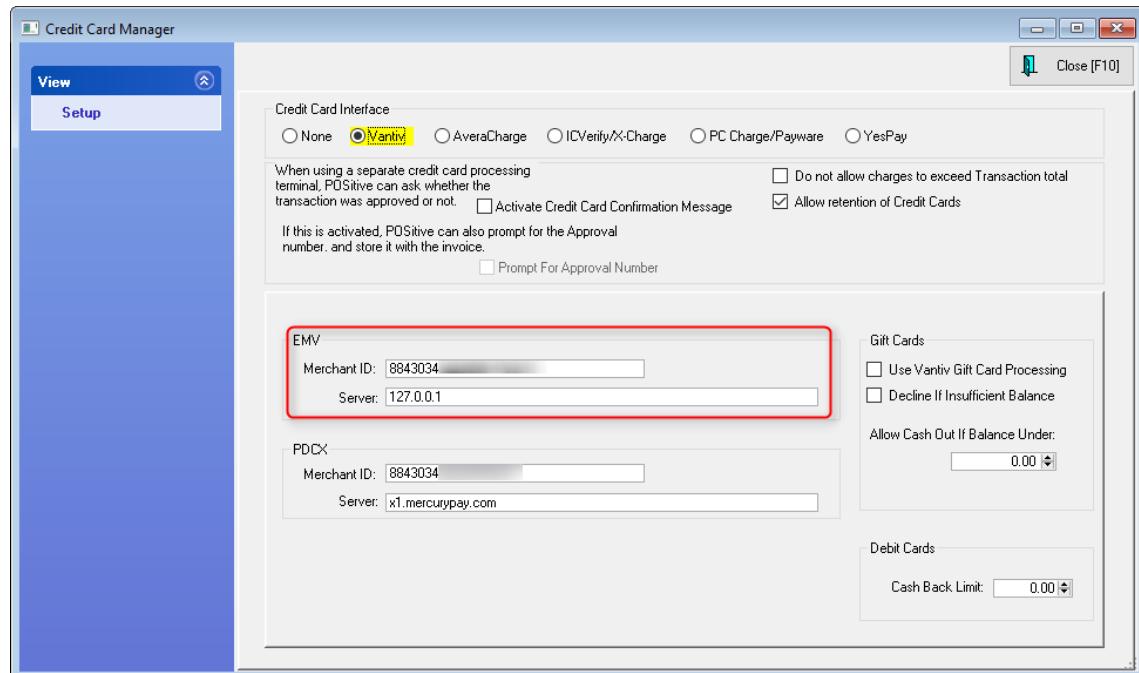
8. Enter the Vantiv (Mercury) Deployment ID number and click OK.



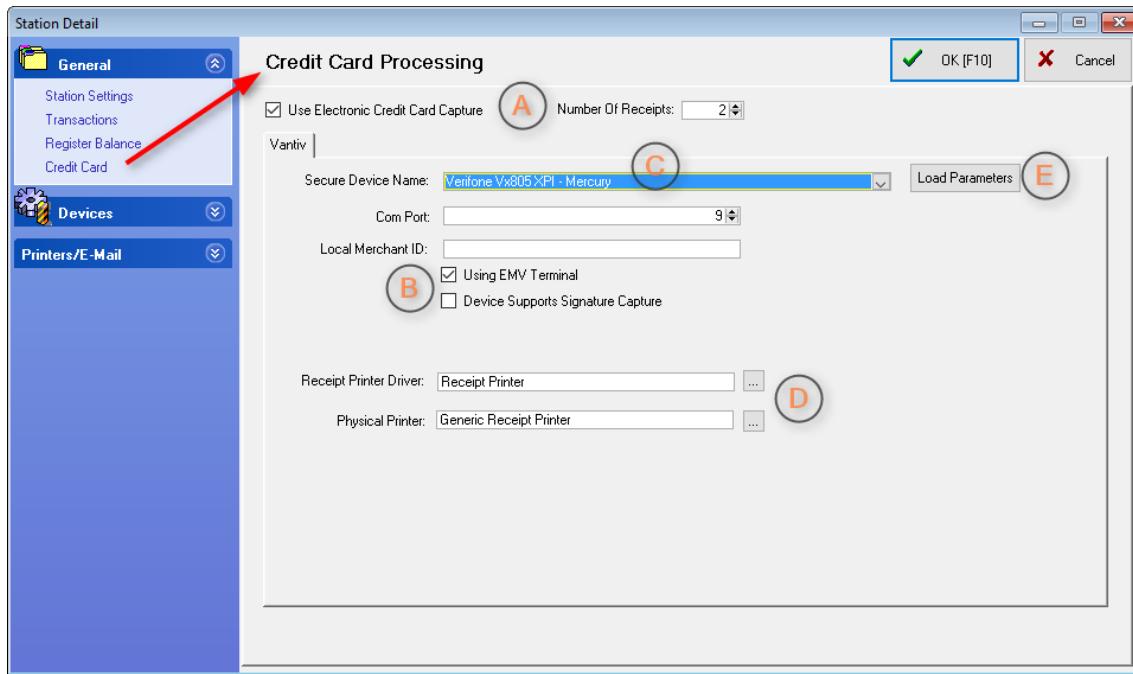
9. Confirm that the Merchant Information is correct. Click Yes to continue.



10. NETePay is now configured and ready to use with your POSitive product. Please note that NETePay does not run as a service, so to insure it starts automatically it should be placed in the Windows Start folder. Minimize it if you don't want it open on the desktop.



11. The next step to select Vantiv (Mercury) as the Credit Card Interface in POSitive. Go to Management, Credit Cards, Setup. Select Vantiv (Mercury) and under EMV enter the Merchant ID (which contains numbers and letters) and the Server IP address for NETePay, which for a workstation installation is 127.0.0.1 . Click Close to save.



12. Finally, on each workstation go to Maintenance, Station Manager, chose Station and select Credit Card. (A) Select “Use Electronic Credit Card Capture” and set the “Number of Receipts” you wish to print. (B) Select “Using EMV Terminal”, (C) then for “Secure Device Name” select Verifone Vx805XPI-Mercury. (D) Also enter the settings for your receipt printer. **IMPORTANT: Click OK to save. Exit and restart POSitive.**
13. After POSitive has restarted go back to Station and Credit Card (E) and click on “Load Parameters”. This will install the correct configuration for the customer’s account. When the upload has completed, you’ll see “Success” on this screen and the Vx805 will reboot and say Welcome.
14. You should print two receipts for each EMV transaction. One is for the customer and the other is signed by the customer and retained by the merchant. You’ll need to modify an existing receipt to add the required EMV payment information. Contact your dealer or POSitive support for assistance in creating a receipt form. In our example we’re using a modified version of form 7 that includes the EMV payment information.

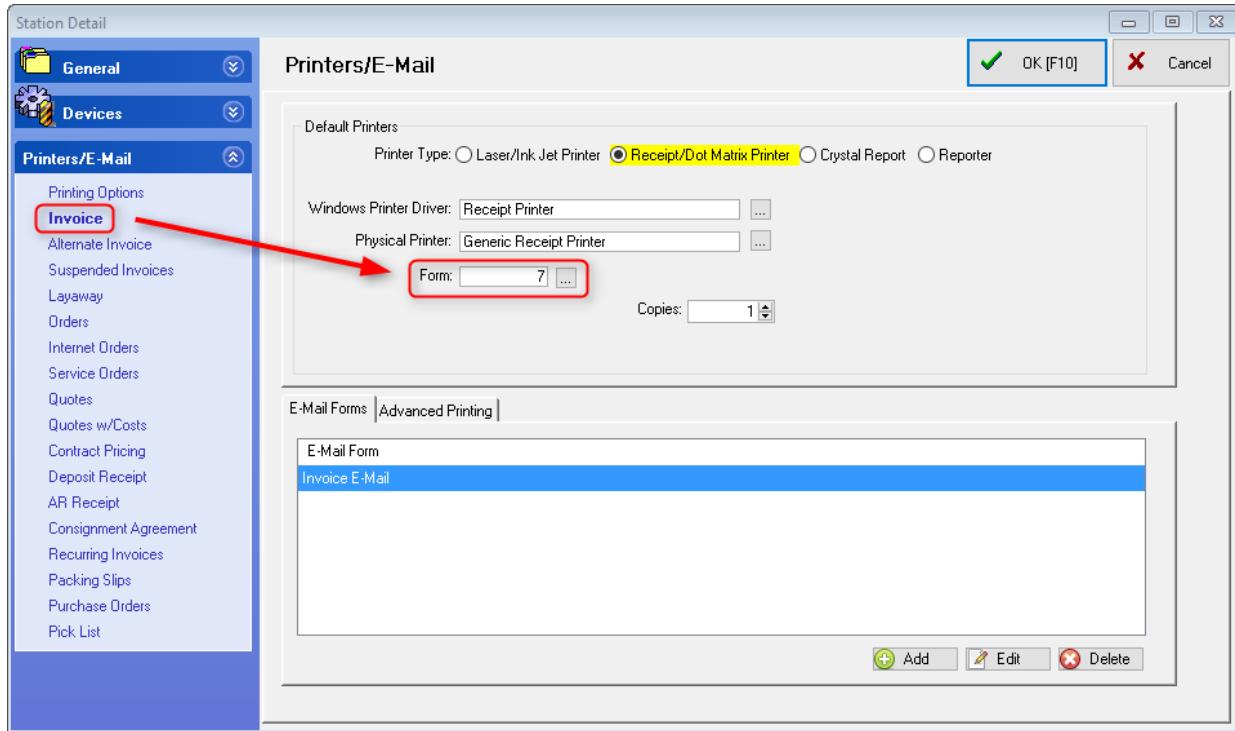
Receipt: 1226  
Register: 1 POS  
2/16/2015  
2:35PM  
  
**Generic Sales Company**  
123 Anystreet Ave.  
Richland, WA 99354  
  
Phone:  
Dean Martin  
  

Qty	Description	Price	Total
1.00	BLUE WIDGET	1.00	1.00
			SubTotal: 1.00
			SalesTax: 0.00
			Total: 1.00
			Total Paid: 1.00

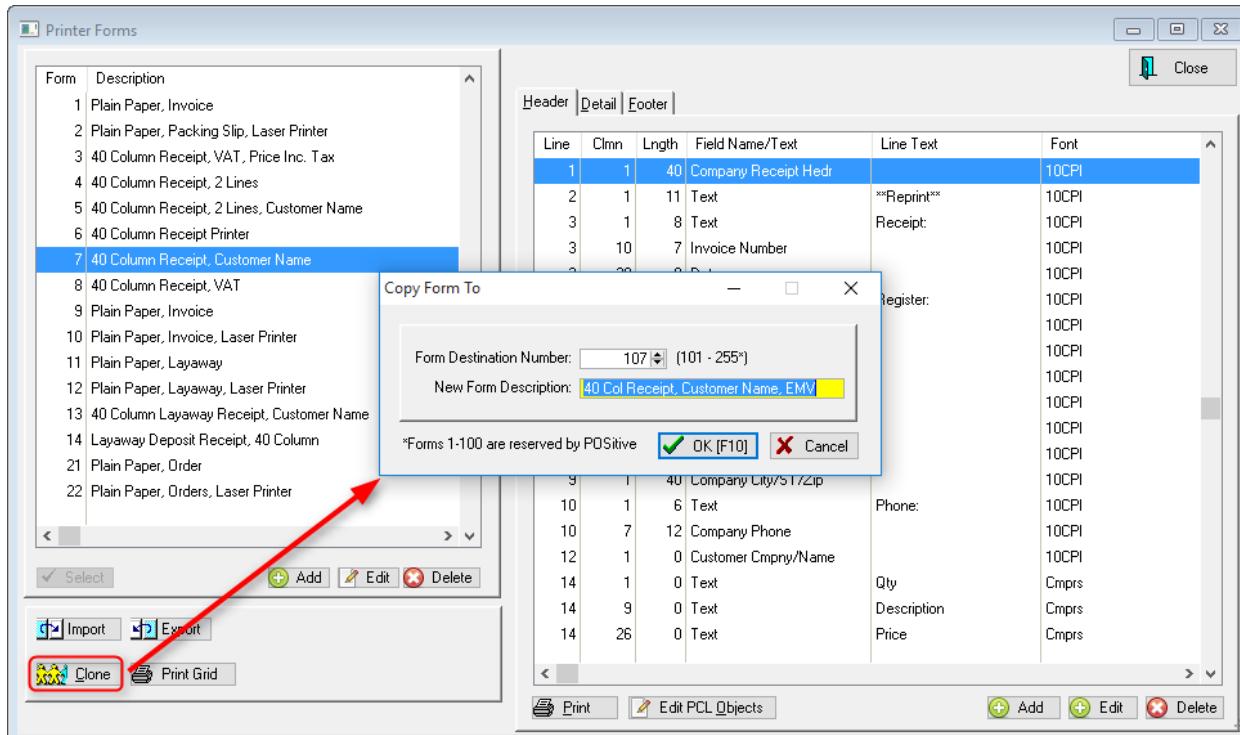
  
MERCHANT ID: 88430246223  
CLERK ID: POS  
SALE  
  
VISA  
\*\*\*\*\*1491  
ENTRY METHOD: SWIPE  
DATE: 12/16/2015 TIME: 14:40:55  
INVOICE: 10000221  
REFERENCE: 1001  
AUTH CODE: 199476  
AMOUNT USD\$ 1.00  
TOTAL USD\$ 1.00  
APPROVED - THANK YOU  
  
I AGREE TO PAY THE ABOVE TOTAL AMOUNT  
ACCORDING TO CARD ISSUER AGREEMENT  
(MERCHANT AGREEMENT IF CREDIT VOUCHER)  
  
X \_\_\_\_\_  
Cardholder Signature \_\_\_\_\_  
  
Policy Statement Goes Here.

## How to Create an EMV Receipt Form

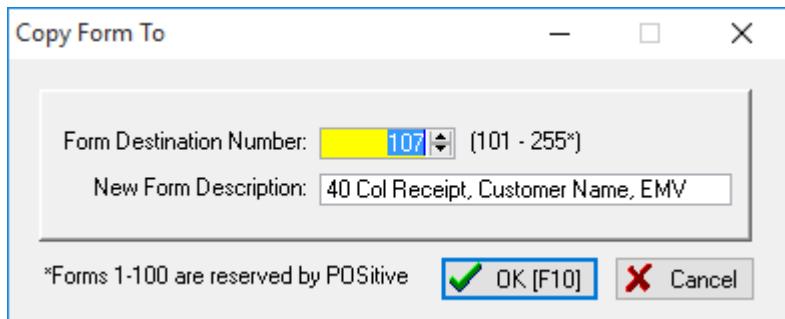
Receipts for EMV transactions are required to have certain information on them, so you must create a custom receipt form in your POSitive product.



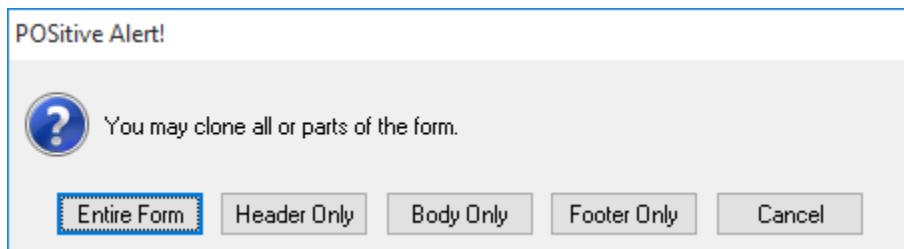
Go to Maintenance, Station Manager, select Station and Edit, Invoice and click on the box next to Form.



This will take you to the list of receipt printer forms. For our example we're going to modify form 7, "40 Column Receipt, Customer Name". Highlight form 7 and press the Clone button.



Forms 1 – 100 are reserved by POSitive, so your Form Destination Number must be 101 or higher. We recommend using a number that relates to the original form, so we're selecting number 107 and calling the form "40 Col Receipt, Customer Name, EMV". Click OK to continue.



Select Entire Form.

Line	Min	Length	Field Name/Text	Line Text	Font
1	1	40	Line		12CPI
2	22	9	Text	SubTotal:	12CPI
3	22	9	Tax Desc. 1		12CPI
3	31	10	Tax Amount 1		12CPI
5	22	9	Tax Desc. 2		12CPI
5	31	10	Tax Amount 2		12CPI
8	22	9	Text	Total:	12CPI
8	31	10	Total		12CPI
9	23	8	Text	Coupons:	10CPI
9	31	10	Less Coupons		10CPI
10	23	8	Text	Balance:	12CPI
10	31	10	Balance		12CPI
11	22	9	Text	Refunded:	12CPI
11	31	10	Refunded		12CPI
12	11	20	Text	Gift Certificate:	12CPI
12	31	10	Gift Certificate		12CPI
13	1	40	Tender Info 40 Col.		12CPI
14	20	11	Text	Total Paid:	12CPI

You've now created form 107 and it will be automatically highlighted. We're going to add the EMV payment information to the bottom or "footer" of the receipt, so click on the Footer tab.

Header | Detail **Footer**

Line	Clmn	Lngth	Field Name/Text	Line Text	Font
17	31	10	On Account		10CPI
18	1	0	EndOfLine (CR/LF)		10CPI
18	4	0	Text	Check #:	10CPI
18	13	0	Check No.		10CPI
19	1	0	EndOfLine (CR/LF)		10CPI
19	4	40	Text	Gift Cert. Balance:	10CPI
19	24	20	Gift Balance		10CPI
20	1	0	EndOfLine (CR/LF)		10CPI
21	1	19	CCard 1 Nmbr (xxxx)		12CPI
21	30	10	CCard 1 Approval #		12CPI
22	1	0	EndOfLine (CR/LF)		Cmrs
23	1	40	Large Text		10CPI
24	1	40	Line		10CPI
25	1	40	Policy Statement		10CPI
26	1	3	EndOfLine (CR/LF)		10CPI
27	1	3	EndOfLine (CR/LF)		10CPI
28	1	3	EndOfLine (CR/LF)		10CPI
29	1	3	EndOfLine (CR/LF)		10CPI
30	1	1	Tear-Off		10CPI

Print Edit PCL Objects Add Edit Delete

These 4 lines  
are removed

Scroll down the list of fields until you get to line 21 "CCard 1 Nmbr". You'll need to highlight and delete line 21 and do the same for the other line 21 and lines 22 and 23.

Header | Detail **Footer**

Line	Clmn	Lngth	Field Name/Text	Line Text	Font
16	20	11	Text	On Account:	12CPI
16	31	10	To Account		12CPI
17	20	11	Text	To Account:	12CPI
17	31	10	On Account		10CPI
18	1	0	EndOfLine (CR/LF)		10CPI
18	4	0	Text	Check #:	10CPI
18	13	0	Check No.		10CPI
19	1	0	EndOfLine (CR/LF)		10CPI
19	4	40	Text	Gift Cert. Balance:	10CPI
19	24	20	Gift Balance		10CPI
20	1	0	EndOfLine (CR/LF)		10CPI
24	1	40	Line		10CPI
25	1	40	Policy Statement		10CPI
26	1	3	EndOfLine (CR/LF)		10CPI
27	1	3	EndOfLine (CR/LF)		10CPI
28	1	3	EndOfLine (CR/LF)		10CPI
29	1	3	EndOfLine (CR/LF)		10CPI
30	1	1	Tear-Off		10CPI
40	1	100	EMV Receipt		10CPI

Print Edit PCL Objects Add Edit Delete

You should now have something that looks like our example above.

Record Will Be Changed

Form Entry

Line Number:	21
Column:	1
Length:	100
Field Name:	EMV Receipt
Line Text:	
<input type="checkbox"/> Move Up If Space Above Blank Move No Higher Than Line 0	
Instructions: Print Always	
<input checked="" type="button"/> OK [F10] <input type="button"/> Cancel	

Click on the Add button and fill in the fields to match our example above. Click OK to save.

Printer Forms

Form	Description
72	AR Receipt, 40 Column
81	Plain Paper, Consignment Agrmnt
82	Plain Paper, Consignment Agrmnt, Laser Printer
89	Recurring Invoice E-Mail Receipt
90	Invoice E-Mail
91	Orders E-Mail
92	Layaway E-Mail
93	Service Order E-Mail
94	Quotes E-Mail
95	Quotes w/Costs E-Mail
96	Contract Pricing E-Mail
97	Purchase Orders E-Mail
98	RMA E-Mail
99	Internet Order E-Mail
106	106
107	40 Col Receipt, Customer Name, EMV

Select     Add     Edit     Delete

Import     Export

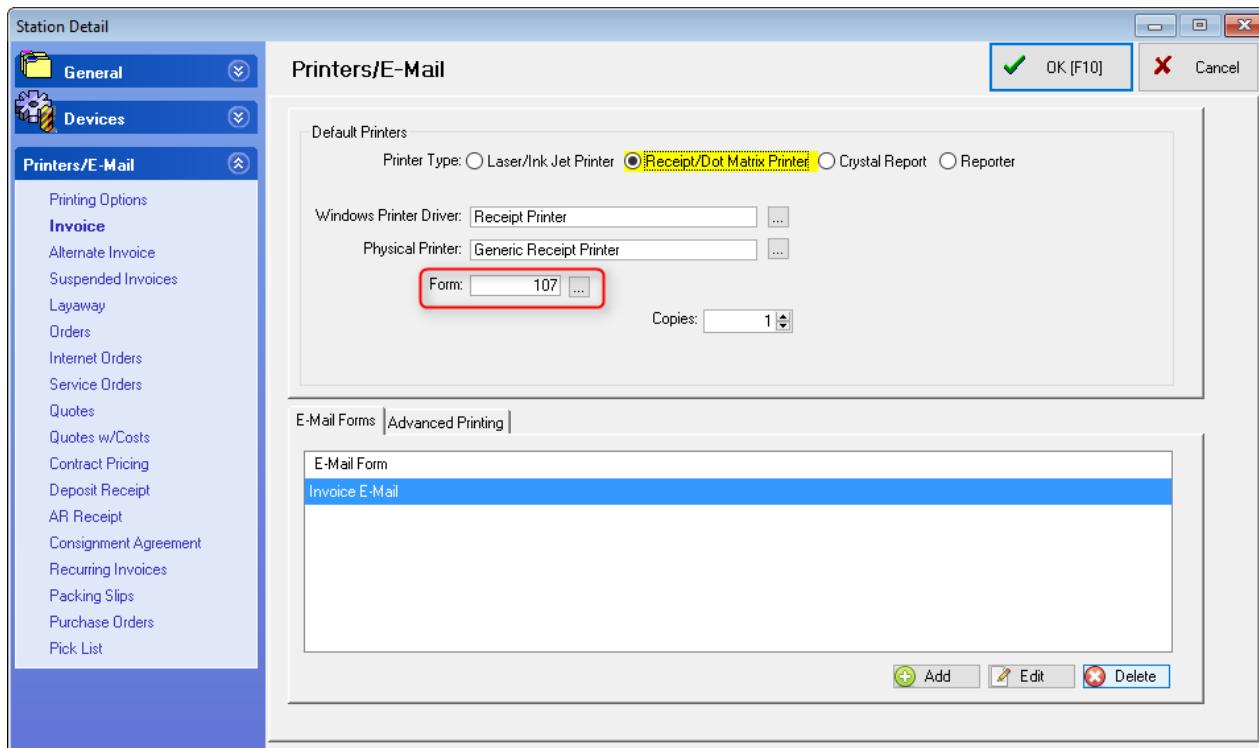
Clone     Print Grid

Header | Detail | Footer |

Line	Clnm	Lngth	Field Name/Text	Line Text	Font
16	20	11	Text	On Account:	12CPI
16	31	10	To Account	To Account:	12CPI
17	20	11	Text		10CPI
17	31	10	On Account		10CPI
18	1	0	EndOfLine (CR/LF)		10CPI
18	4	0	Text	Check #:	10CPI
18	13	0	Check No.		10CPI
19	1	0	EndOfLine (CR/LF)		10CPI
19	4	40	Text	Gift Cert. Balance:	10CPI
19	24	20	Gift Balance		10CPI
20	1	0	EndOfLine (CR/LF)		10CPI
21	1	100	EMV Receipt		10CPI
24	1	40	Line		10CPI
25	1	40	Policy Statement		10CPI
26	1	3	EndOfLine (CR/LF)		10CPI
27	1	3	EndOfLine (CR/LF)		10CPI
28	1	3	EndOfLine (CR/LF)		10CPI
29	1	3	EndOfLine (CR/LF)		10CPI
30	1	1	Tear-Off		10CPI

Print     Edit PCL Objects     Add     Edit     Delete

You should now have something that looks like our example above. Click on the Select button to assign the new form 107 to your receipts.



Click OK to save your station settings. You'll need to assign the new EMV receipt form to all the other stations that will be processing credit card payments.

Receipt: 1226      12/16/2015  
Register: 1 POS      2:35PM

Generic Sales Company  
123 Anystreet Ave.  
Richland, MA 99354

Phone:

Dean Martin

Qty	Description	Price	Total
1.00	BLUE WIDGET	1.00	1.00

SubTotal: 1.00  
SalesTax: 0.00  
Total: 1.00  
Total Paid: 1.00

MERCHANT ID: 88430346223  
CLERK ID: POS

SALE

VISA  
\*\*\*\*\*1491  
ENTRY METHOD: SWIPE  
DATE: 12/16/2015 TIME: 14:40:55

INVOICE: 10000221  
REFERENCE: 1001  
AUTH CODE: 199476

AMOUNT	USD\$ 1.00
TOTAL	USD\$ 1.00

APPROVED - THANK YOU

I AGREE TO PAY THE ABOVE TOTAL AMOUNT  
ACCORDING TO CARD ISSUER AGREEMENT  
(MERCHANT AGREEMENT IF CREDIT VOUCHER)

X \_\_\_\_\_  
Cardholder Signature \_\_\_\_\_

Policy Statement Goes Here.