

Cardol Data Systems, Inc. DeepEnd Point-of-Sale v.6.70.5 X-Charge Integration Guide

1. Install **X-Charge Locked Integration v7.1 Release 5 or higher** on the computer designated as the X-Charge Server computer. **This is an XpressLink Secure EXE integration. The X-Charge Client Software is needed on all systems processing payments.** X-Charge prints the signature receipt and must be setup accordingly.

A user must be set up with the same logon credentials defined in DeepEnd. The user must be allowed to perform the following functions in **X-Charge Client Options**: Credit Card – Purchase, Credit Card – Return, Credit Card – Debit Purchase, Credit Card – Debit Return, Credit Card – Force, Credit Card – Pre-Authorization, Credit Card – Void.

Note: The integration utilizes the Data Archive Vault feature in X-Charge. As such, it is imperative that the X-Charge database is backed up on a regular basis. If the X-Charge database is lost, all the archived credit card numbers will also be lost. Please make sure that the user is aware that the X-Charge database must be backed up.

XP:

C:\Documents and Settings\All Users\Application Data\CAM Commerce Solutions\X-Charge\History\Tran.xdb

Vista:

C:\ProgramData\CAM Commerce Solutions\X-Charge\History\Tran.xdb

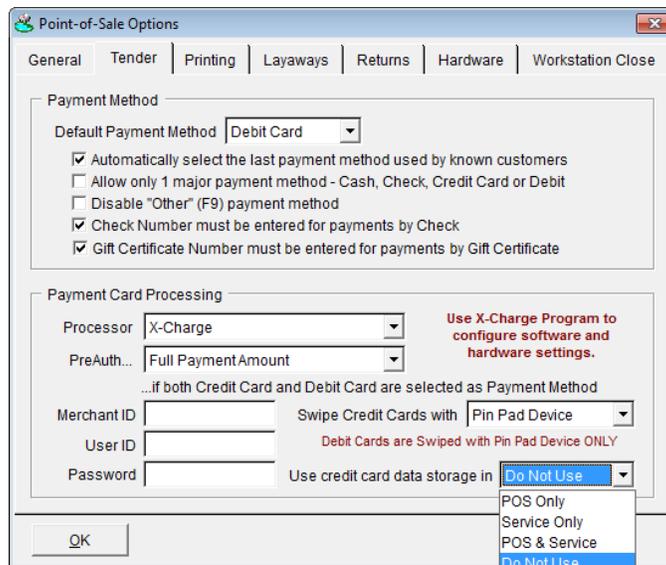
2. Set up DeepEnd for X-Charge integration.

Note: Cardol Data Systems must issue a new license key to activate the X-Charge integration. If the integration does not work after enabling it in DeepEnd, please contact Cardol Data Systems for a new license key.

a. Select **Tools, Options.**



- b. On the **Tender** tab, set **Processor** to **X-Charge**. Set **PreAuth** option as determined by the merchant's needs. Enter the appropriate **Merchant ID**. The **User ID** and **Password** are used for the XpressLink integration and must match credentials created in the X-Charge Security. **Swipe Credit Cards with** should be set according to the merchant's devices. **Use credit card data storage** determines if X-Charge's Data Archive Vault feature is used.

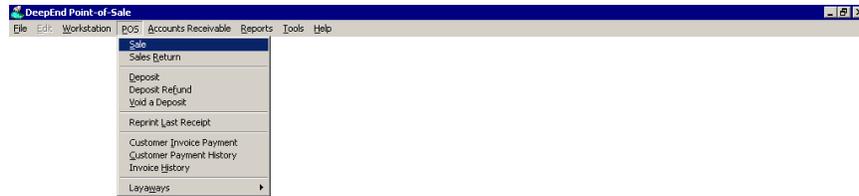


- c. Select **Save** and **OK** to exit **Point-of-Sale Options**.

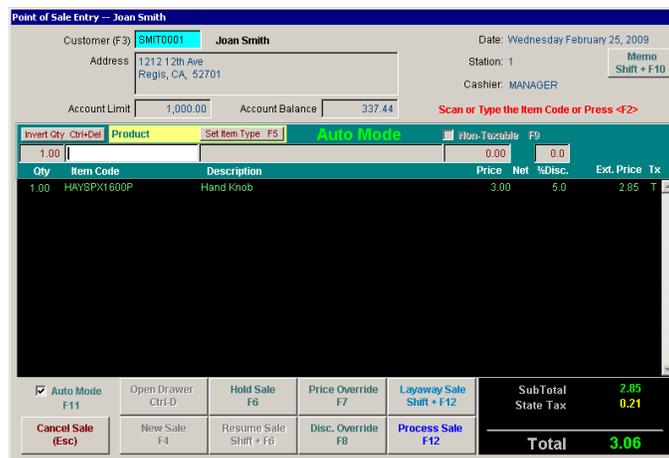
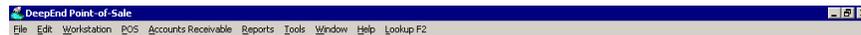


3. Process a test transaction.

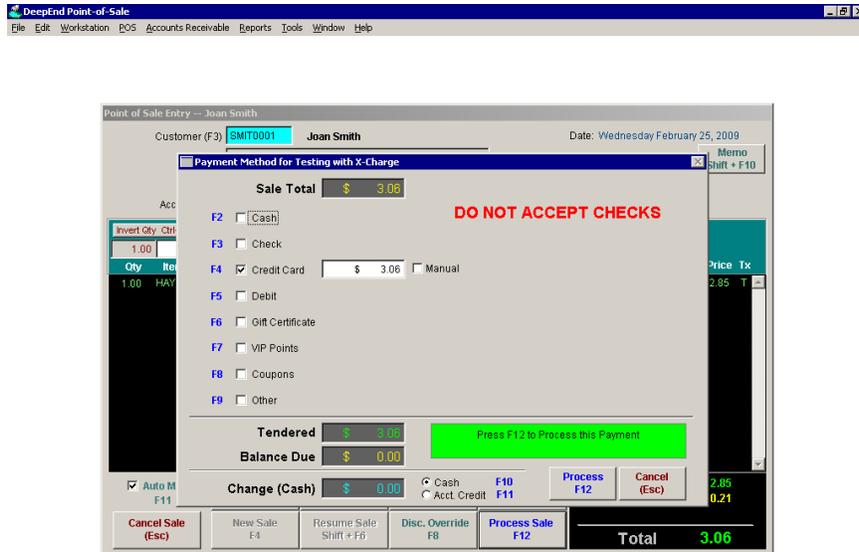
a. Select **POS, Sale**.



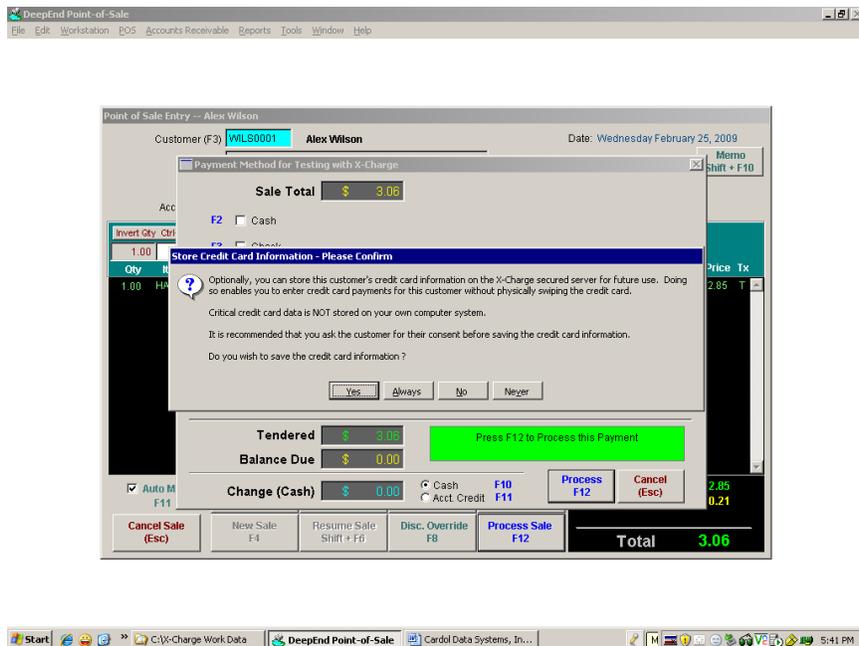
b. Enter a customer and an item on the ticket.



- c. Select **Process Sale F12**. Select **Credit Card** and the amount is automatically populated by the total amount.

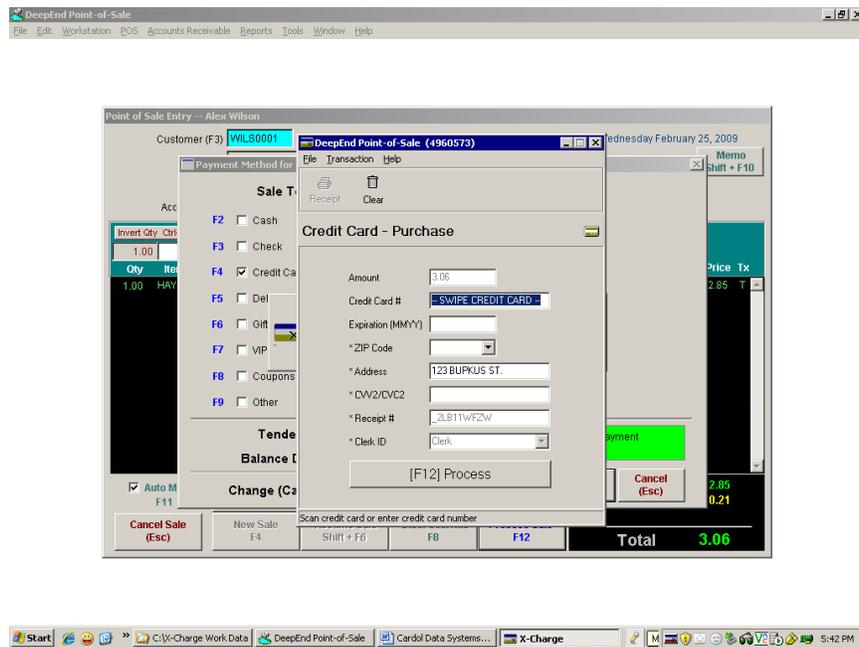


- d. If DeepEnd is configured to store credit card numbers, user is given the option to save the credit card prior to processing the transaction.

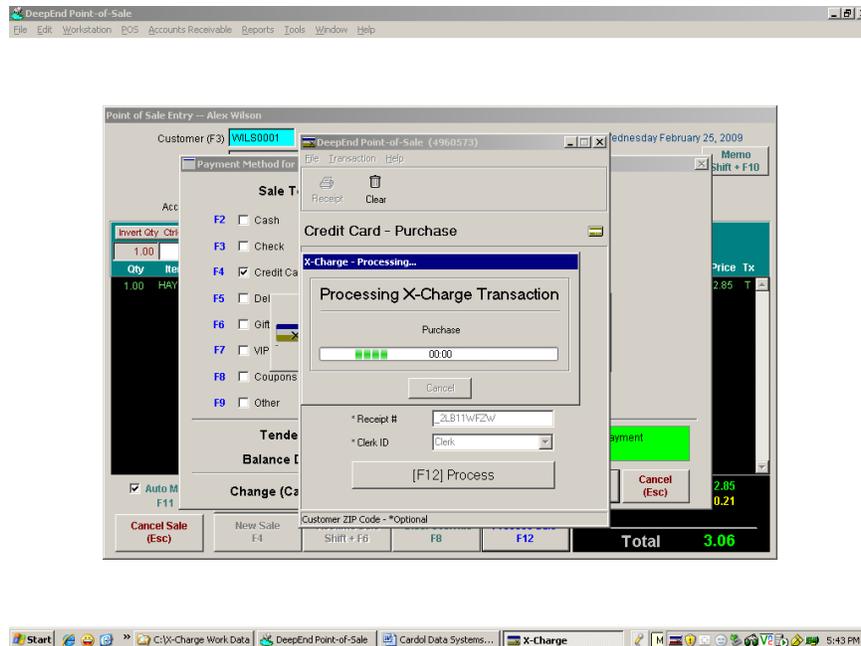




e. X-Charge launches for processing.

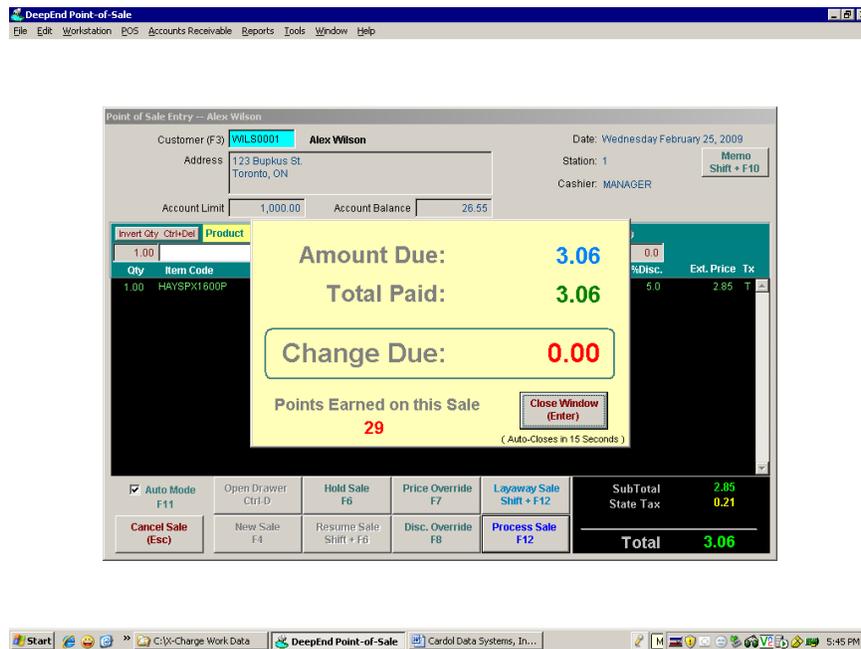


f. Transaction processes.





g. Transaction completes.



4. Notes.

- a. Integration method is XpressLink Secure.
- b. Integration supports:
 - 1) Credit Card Purchases, Returns and Voids.
 - 2) DB Purchases and Returns.
 - 3) Data Archive Vault Add, Delete and Update.
 - 4) US and Canadian processing.
 - 5) Partial Approval and Balance Printing on receipt.
- c. X-Charge prints the signature receipt and must be configured accordingly.



d. Screen shots of a Debit Purchase (Canada).

DeepEnd Point-of-Sale

File Edit Workstation POS Accounts Receivable Reports Tools Window Help Lookup F2

Point of Sale Entry -- Harry Vaderchi

Shift F3 Customer (F3) VADE0001 Harry Vaderchi Date: Wednesday February 25, 2009
 Address 673 Huckleberry St Station: 1 Memo Shift + F10
 Mansfield, OH, 12345 Cashier: MANAGER
 Account Limit 1,000.00 Account Balance 5,127.12 Scan or Type the Item Code or Press <F2>

Qty	Item Code	Description	Price	Net	%Disc.	Ext. Price	Tx
1.00	HAYSPX1600P	Hand Knob	3.00	5.0		2.85	T

Auto Mode F11
 Open Drawer Ctrl-D
 Hold Sale F6
 Price Override F7
 Layaway Sale Shift + F12

SubTotal 2.85
 State Tax 0.21
Total 3.06

DeepEnd Point-of-Sale

File Edit Workstation POS Accounts Receivable Reports Tools Window Help

Point of Sale Entry -- Harry Vaderchi

Shift F3 Customer (F3) VADE0001 Harry Vaderchi Date: Wednesday February 25, 2009

Payment Method for Testing with X-Charge

Sale Total \$ 3.06

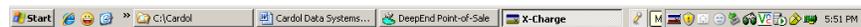
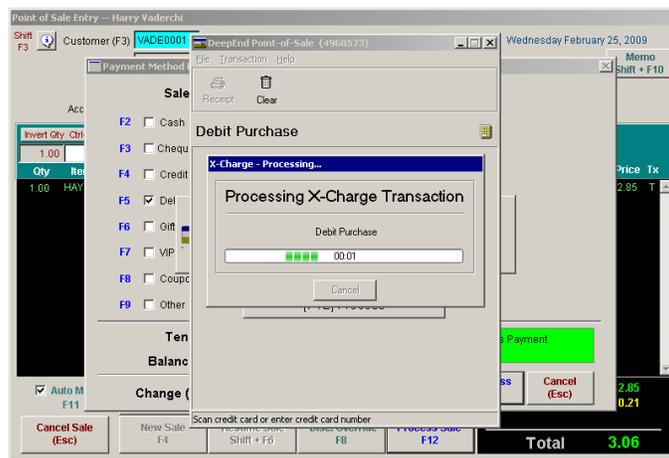
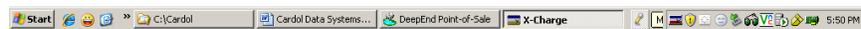
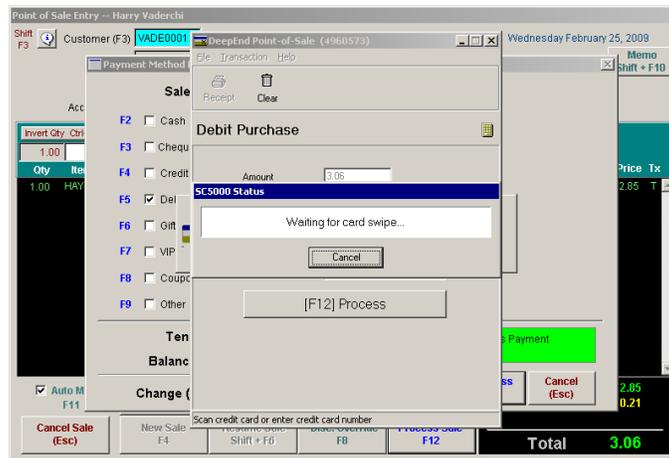
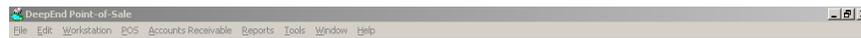
F2 Cash
 F3 Cheque
 F4 Credit Card
 F5 Debit \$ 3.06 Manual
 F6 Gift Certificate
 F7 VIP Points
 F8 Coupons
 F9 Other

Tendered \$ 3.06 **Press F12 to Process this Payment**
 Balance Due \$ 0.00

Auto Mode F11
 Cash F10
 Acct. Credit F11

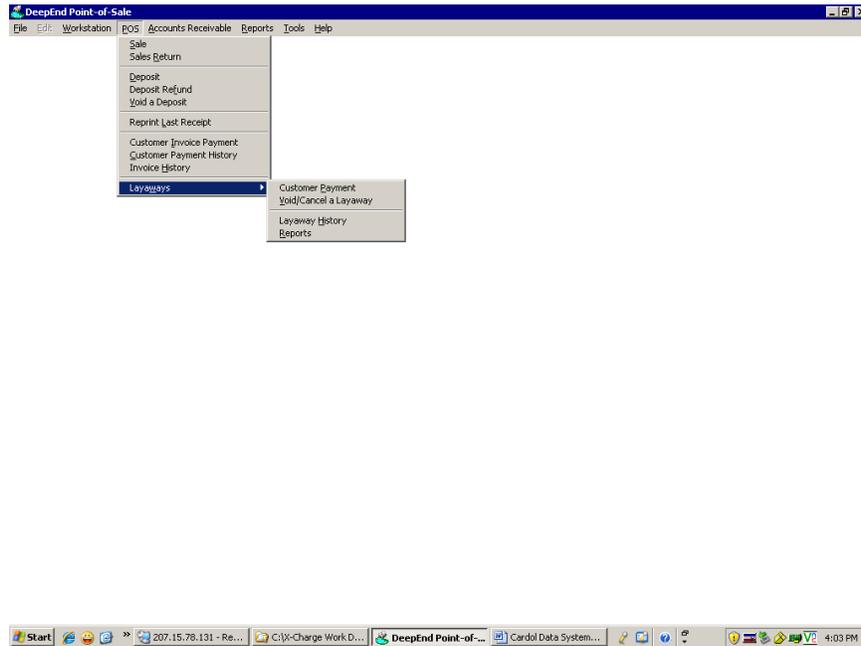
Change (Cash) \$ 0.00

SubTotal 2.85
 State Tax 0.21
Total 3.06

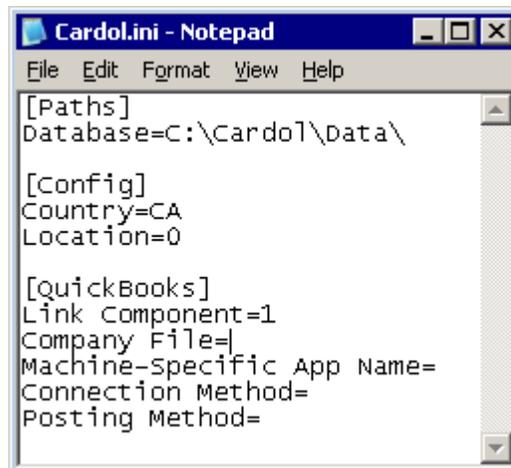


- e. DeepEnd accepts multiple tenders. If paying with a Credit Card and a Debit Card, the Credit Card is pre-authorized first. If the Debit Card transaction is approved, then the Credit Card transaction is forced (Pre-Auth Completed). The Credit Card may be pre-authorized for the full amount of the ticket or just the Credit Card amount, depending on how Point-of-Sale Options is configured.

- f. The integration is available in most POS options: Sale, Sales Return, Deposit, Deposit Refund, Void a Deposit, Customer Invoice Payment, Customer Payment History, Invoice History, Layaways-Customer Payment, Layaways-Void/Cancel a Layaway, Layaways – Layaway History.

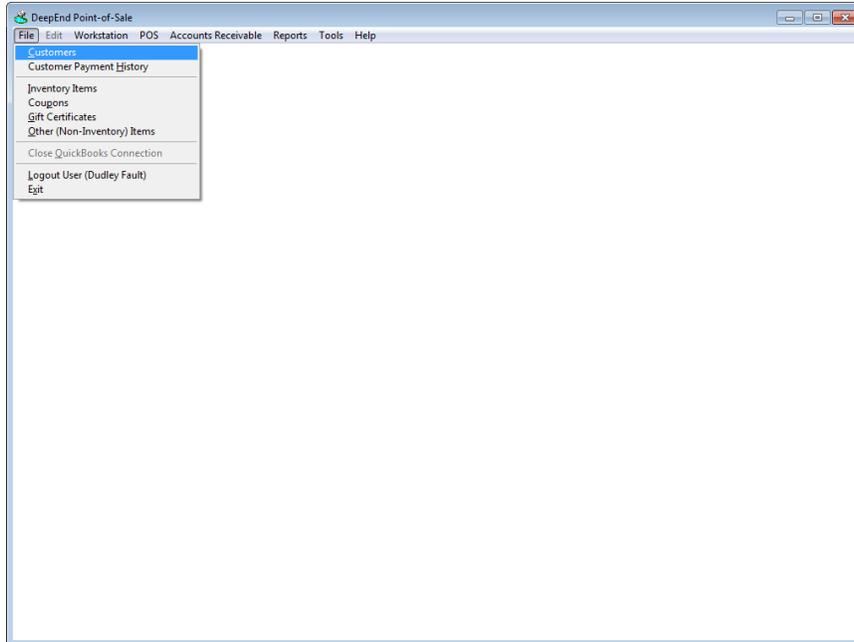


- g. The Cardol.ini file has a setting that indicates if the installation is for Canada or US. The .ini setting is set during installation.

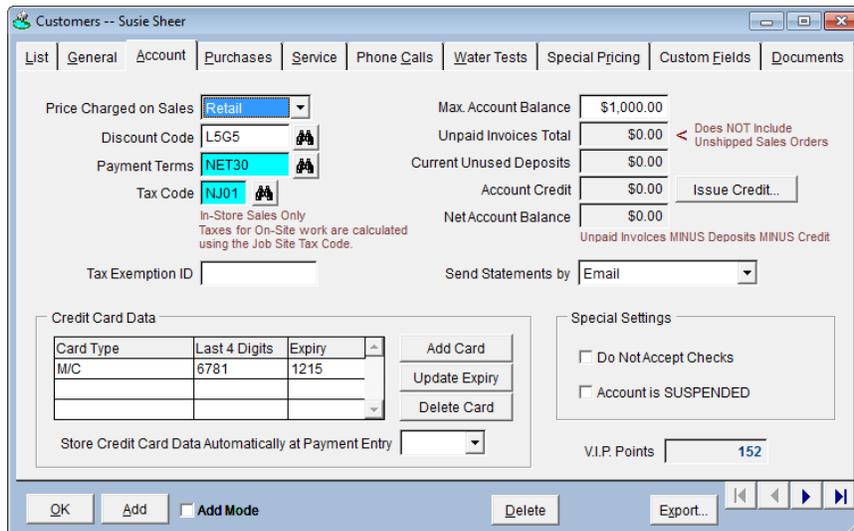


h. Data Archive Vault in Customer Account

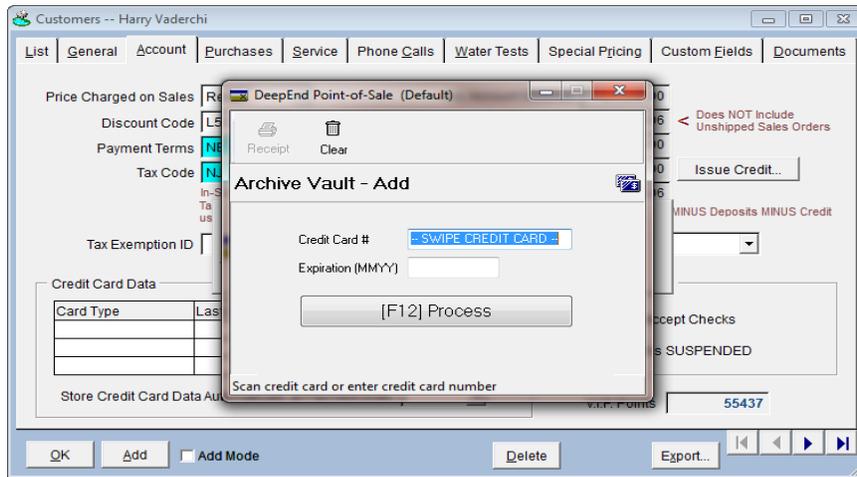
Select **File > Customers.**



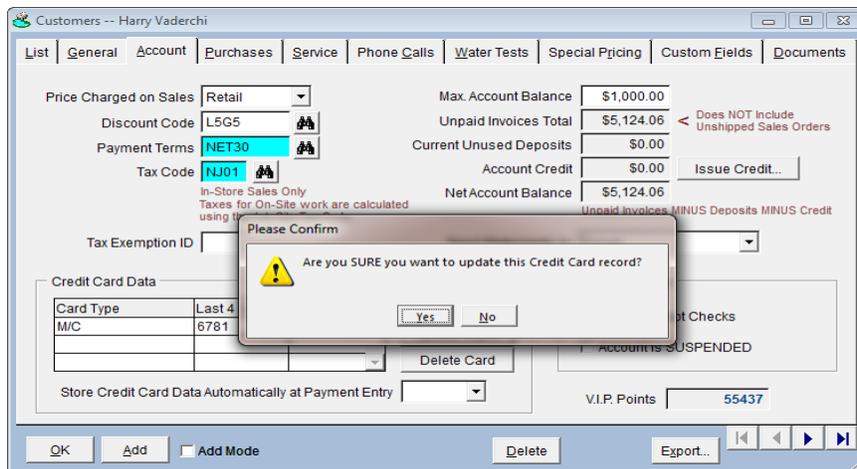
Select the **Account** tab, press **Add Card.**



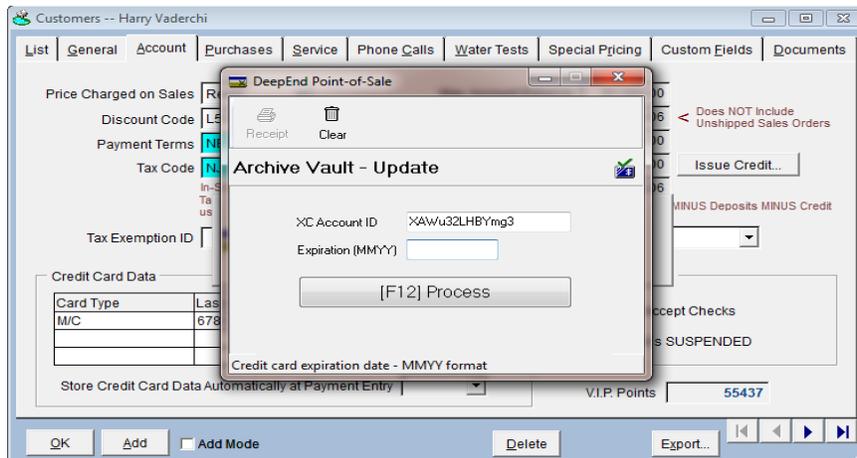
X-Charge opens for DAV Add. Swipe credit card or enter information manually.



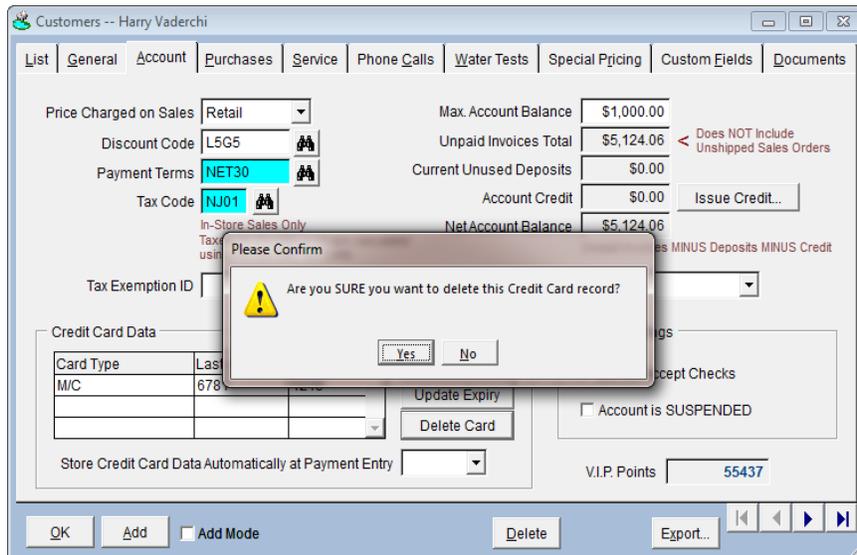
To update the expiration date, press **Update Expiry** and press **Yes**.



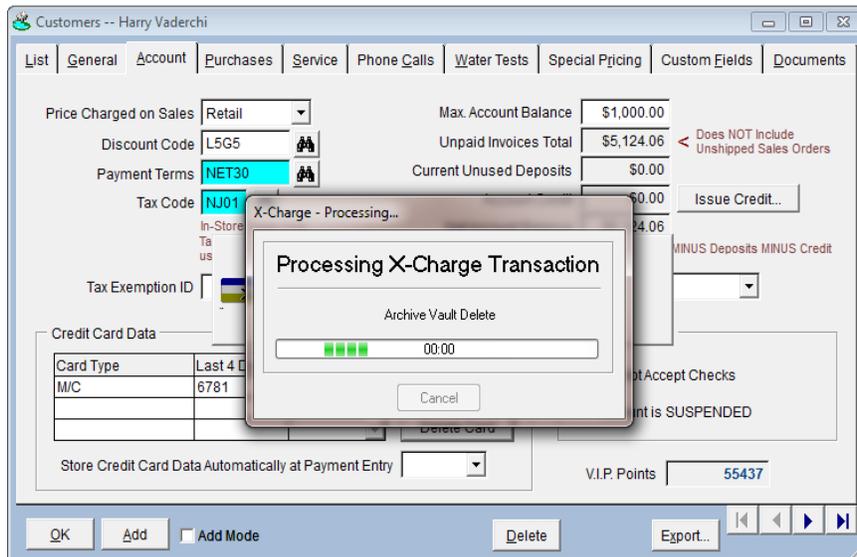
X-Charge will open, enter the new expiration date and press **(F12) Process**.



To delete a store credit card, press **Delete Card** and press **Yes**.

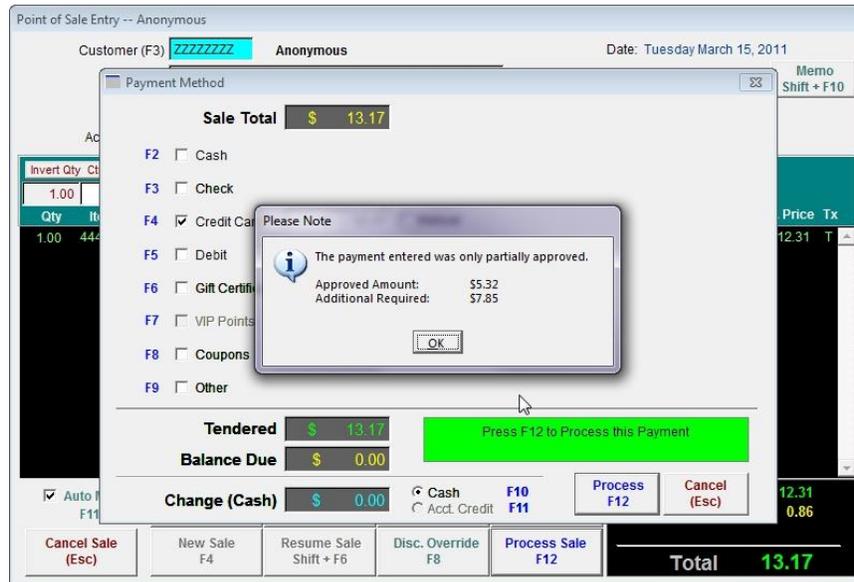


X-Charge will delete the stored credit card number.

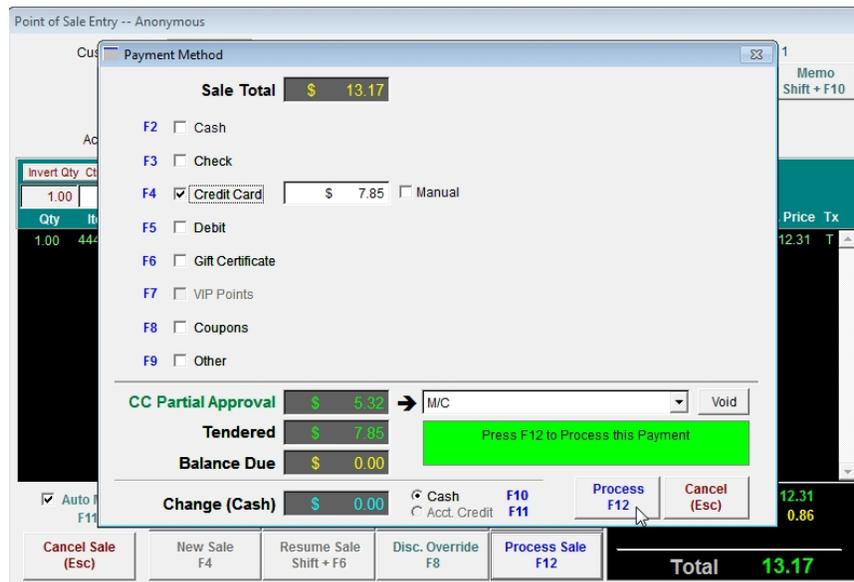


i. Screen Shots of a Partial Approval

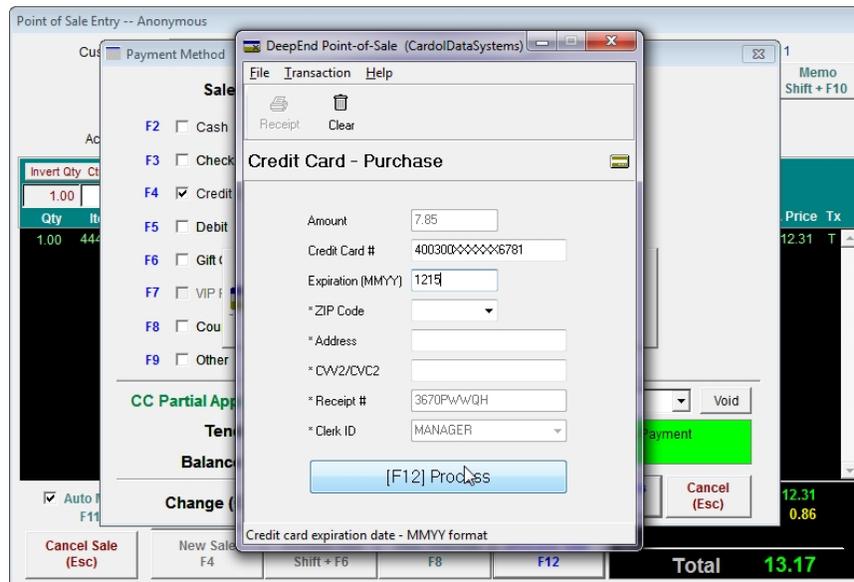
Upon receipt of a Partial Approval the user will receive a prompt detailing the approved amount as well as the additional funds required.



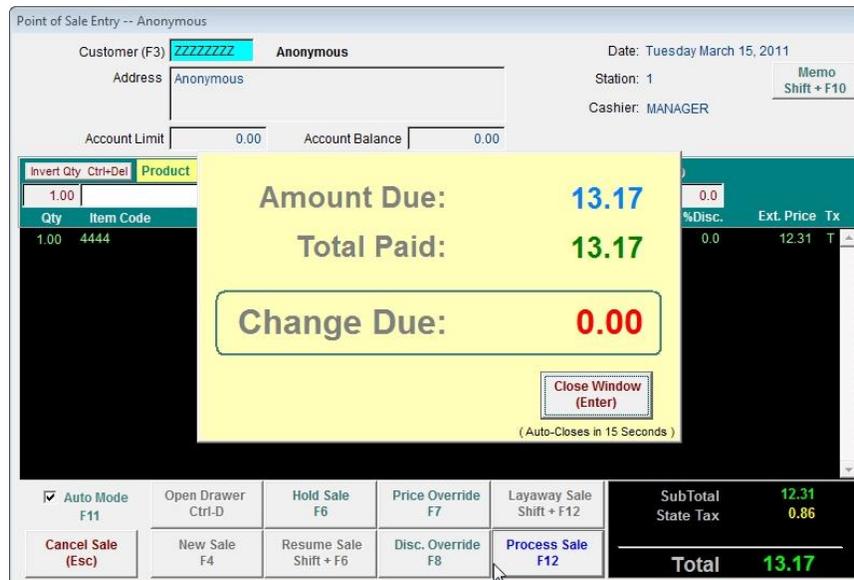
Choose **OK** and choose a payment method to process multiple tenders. Then choose **Process**.



Enter CCard information and choose **Process**.



Upon approval of the final tender DeepEnd will display a zero balance and print a receipt.





<p>Ultimate Pool & Patio, Inc. 46 Main St. West Orange New Jersey, USA 07052 905-263-1161</p> <p>Sold To: Anonymous</p>	<p>Receipt</p> <p>Invoice Number: 292 Invoice Date: 03/15/2011 Time: 12:06 PM Station: 1 Cashier: MANAGER</p>
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Qty	Item Code	Description	Price	% Disc	Amount	
1.00	4444	PA Trigger	12.31 EA	0.0	12.31	
					SubTotal	12.31
					State Tax	0.86
					Sale Total	13.17
					Paid	13.17
					Change	0.00

Memo: This is a good place to put your Return/Exchange Policy.
Any promotions or reminders can also be printed here.

j. Void of a Partial Approval

Upon receipt of a Partial Approval choose the payment that you wish to void from the drop down box. Then choose **Void**.

Point of Sale Entry -- Anonymous
Customer (F3): 77777777 Anonymous Date: Tuesday March 15, 2011

Sale Total \$ 13.17

F2 Cash
F3 Check
F4 Credit Card
F5 Debit
F6 Gift Certificate
F7 VIP Points
F8 Coupons
F9 Other

CC Partial Approval \$ 5.32 → VISA 6781 5.32
Tendered \$ 0.00
Balance Due \$ 7.85

Change (Cash) \$ 0.00

Process Sale F12 Cancel (Esc)

Total 13.17

Point of Sale Entry -- Anonymous
Customer (F3): 77777777 Anonymous Date: Tuesday March 15, 2011

Sale Total \$ 13.17

F2 Cash
F3 Check
F4 Credit Card
F5 Debit
F6 Gift Certificate
F7 VIP Points
F8 Coupons
F9 Other

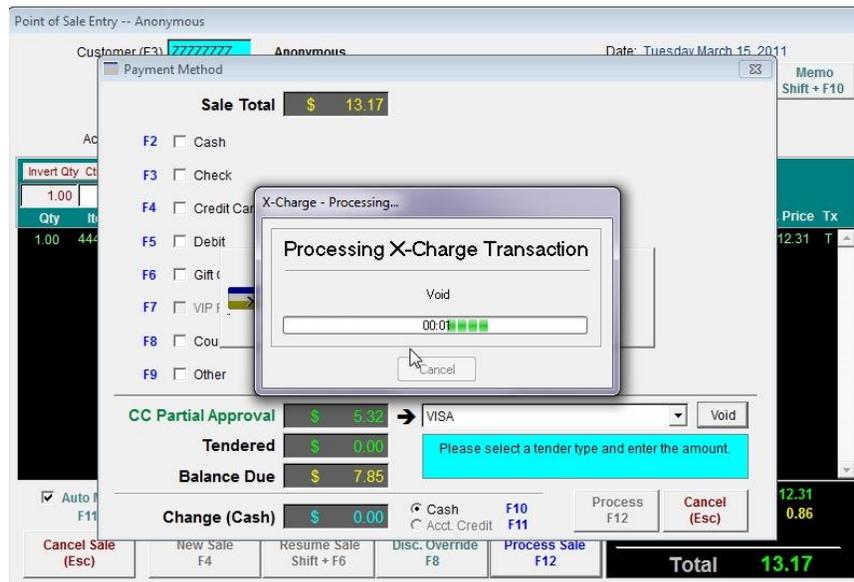
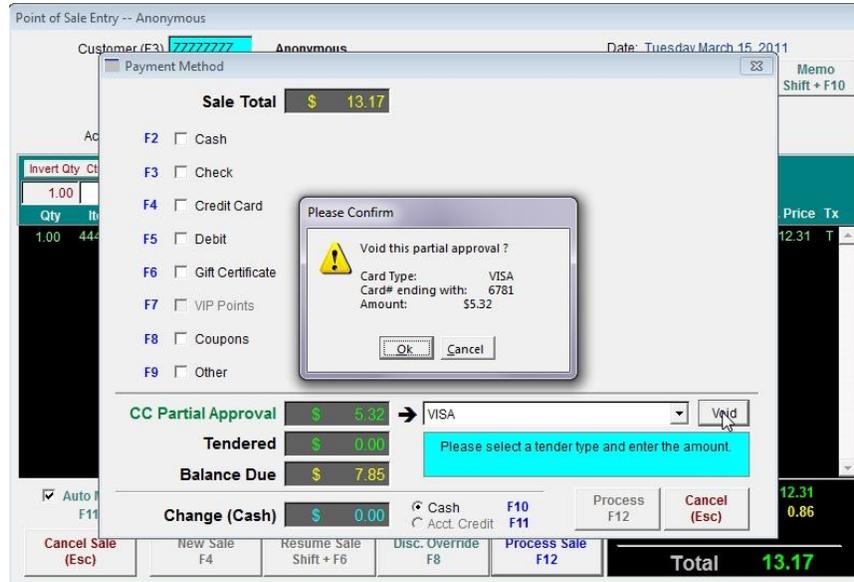
CC Partial Approval \$ 5.32 → VISA 6781 5.32
Tendered \$ 0.00
Balance Due \$ 7.85

Change (Cash) \$ 0.00

Process Sale F12 Cancel (Esc)

Total 13.17

Choose **OK** to void Partial Approval. Upon a successful Void transaction you will return to the Payment screen.





k. Balance printing on receipt.

<p>Ultimate Pool & Patio, Inc. 46 Main St. West Orange New Jersey, USA 07052 905-263-1161</p> <p>Sold To: Anonymous</p>	<p>Receipt</p> <p>Invoice Number: 291 Invoice Date: 03/15/2011 Time: 11:01 AM Station: 1 Cashier: MANAGER</p>																																										
<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Qty</th> <th style="text-align: left;">Item Code</th> <th style="text-align: left;">Description</th> <th style="text-align: right;">Price</th> <th style="text-align: right;">% Disc</th> <th style="text-align: right;">Amount</th> </tr> </thead> <tbody> <tr> <td>1.00</td> <td>2222</td> <td>Balance Trigger</td> <td style="text-align: right;">12.32 EA</td> <td style="text-align: right;">0.0</td> <td style="text-align: right;">12.32</td> </tr> <tr> <td colspan="5"></td> <td style="text-align: right; border-top: 1px solid black;">SubTotal 12.32</td> </tr> <tr> <td colspan="5"></td> <td style="text-align: right;">State Tax 0.86</td> </tr> <tr> <td colspan="5"></td> <td style="text-align: right; border-top: 1px solid black;">Sale Total 13.18</td> </tr> <tr> <td colspan="5"></td> <td style="text-align: right;">Paid 13.18</td> </tr> <tr> <td colspan="5"></td> <td style="text-align: right;">Change 0.00</td> </tr> </tbody> </table>		Qty	Item Code	Description	Price	% Disc	Amount	1.00	2222	Balance Trigger	12.32 EA	0.0	12.32						SubTotal 12.32						State Tax 0.86						Sale Total 13.18						Paid 13.18						Change 0.00
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					Paid 13.18																																						
					Change 0.00																																						
<p>\$13.18 Credit Card (M/C) Balance: \$6.43</p> <p>Memo: This is a good place to put your Return/Exchange Policy. Any promotions or reminders can also be printed here.</p>																																											
<p>Receipt# 3670NMARR 03/15/11 11:01:54 Batch# 000016 Item# 000000000371 Card# XXXXXXXXXXXX6781 Keyed MasterCard Approval 113041 Purchase</p> <p style="text-align: right;">Total Amount \$13.18 Account Balance \$6.43</p> <p>Signature _____</p> <p>X _____</p> <p>BUYER AGREES TO PAY TOTAL AMOUNT ABOVE ACCORDING TO CARDHOLDER'S AGREEMENT WITH ISSUER</p>																																											