



SMART TRANSACTION SYSTEMS

Guidelines for Enabling STS gift cards on Positouch

Smart Transaction Systems (STS) is fully compatible with Positouch for gift card processing. Setting up STS gift cards in Positouch is very similar to setting up gift cards for any 3rd party gift card processor. However, there is one important difference. STS uses a direct interface to Positouch – the transactions do not flow through 3rd party software products like Slipstream.

STS provides free software that can easily be downloaded and installed on the back room server. Positouch communicates with our Gift Card Adapter software via IP just like it would with TranServer, but TranServer is not used. (Basically, our software mimics TranServer) Gift cards should be configured to go to TranServe channel 2. Credit cards should be unaffected because they go to TranServe channel 1.

Basic Requirements

Positouch Version 5.29 or higher. The Positouch server must have internet access.

How it Works

Gift card transactions flow from the Positouch (SPCWin) software to the STS Gift Card Adapter, which then encrypts the transaction and sends transaction to our SSL gateway over the merchant's internet connection. The response is then sent back to Positouch in its native format.



Technical description: When the Positouch system has a gift card transaction, it opens up a TCP/IP socket connection to the IP address and port number defined for “TranservChannel2” in the SPCWin.ini file. (see example below) The STS Gift Card Adapter will be set to receive transactions at the same IP address and port number specified in the SPCWin.ini file. This allows the two programs to communicate with each other.

Sample INI files

The first request that we get from most Positouch dealers is, “Can you provide sample Transerve and WinSPC ini files?” The following settings were taken from a Positouch system that is up and running on our gift card program.

SpcWin.ini Sample (Note: Credit cards are on TranservChannel1, Gift cards are on TranservChannel2)

```
[SpcWin]
Key=PARALLEL
VirtualOut=NO
AuxAutoDetect=YES
AuxDetectDelay=10
WindowsMessagePump=YES
CC_SocketClose=YES

[Network]
TCP/IP=YES
BackupServer=10.10.1.45

TranservChannel1=127.0.0.1
ListenTranservChannel1Port=4444
ConnectTranservChannel1Port=3333

TranservChannel2=127.0.0.1
ListenTranservChannel2Port=77
ConnectTranservChannel2Port=77

SnapServer=127.0.0.1
KeyServer=127.0.0.1
Device1=127.0.0.1
```

The IP address and port values shown here **MUST** match the values that the STS Gift Card Adapter is set to listen for transactions on. If the STS Gift Card Adapter is not running on the same machine as SPCWin.exe, then the IP address of the machine where STS Gift Card Adapter is running should be used.

See *Downloading and Installing the STS Gift Card Adapter* below.

Transerv.ini Sample

```
[Transerv]
NetworkInterface=YES
AtomInterface=NO
FileInterfaceOLD=NO
FileInterface=YES

PORT1=COM1:2400,N,8,1
PORT2=COM1:2400,N,8,1

[Network]
TCP/IP=YES
Spewin=127.0.0.1

;ListenSpewinPort=5002
;ConnectSpewinPort=5003
```

Be sure that PORT2 is enabled as shown here. Check to make sure that it is not commented out with a “;” in front.

Sample Positouch Setup Screens

The following screen captures came from a system that is up and running with STS gift cards. Your setup screens should be configured with the same settings that reference gift gift cards. Other settings relating to credit cards should not need to be changed.

Edit Categories

Gift Cards must be setup as a category so that gift card sales will show up on reports. If Gift Cards are not already shown in the category list, click 'Add' and configure as shown below.

The screenshot shows a software window titled "Edit Categories" with a close button in the top right corner. On the left, a "Category List" contains several items: "GIFT CARD" (highlighted in blue), "TEN DOLLAR GIFT CERT", "TWENTY DOLLAR GIFT C", "OPEN DOLLAR GIFT CEP", "PRENUMBERED GIFT CE", "SMART CARD", and "DEBIT CARD". Up and down arrow buttons are positioned to the right of the list. The main configuration area on the right includes:

- Gift Type:** Three radio buttons: "Gift Certificate", "POSicard", and "Gift Card". The "Gift Card" option is selected.
- Category Name:** A text box containing "GIFT CARD".
- Inventory #:** A text box containing "3000" with a note: "(Set >0 to allow sale at POS)".
- Amount:** A text box containing "0.00".
- Memo/Notes 1:** An empty text box with up/down arrow buttons.
- Memo/Notes 2:** An empty text box with up/down arrow buttons.
- Buttons:** A vertical stack of buttons on the right: "Add", "Edit", "Delete", "Save", and "Done".

Setup Gift/Loyalty Cards

This screen has options that can be configured to best suit the merchant's needs. Use the settings and labels shown below as a guideline. If you do not want the tip line to print on gift card receipts, check the 'Eliminate tip line on gift card slip?' box. We also recommend that you check the 'GC no Signature Line?' box.

Setup Gift/Loyalty Cards

Gift Card activation slip text: [] [] []

Gift Card redemption slip text: [] [] []

Number of gift card sale receipts: Number of Loyalty slips to print:

Gift Card Minimum amount: Maximum amount:

GC Remaining Balance Label:

GC Amount Label: GC Increment Label:

GC redeem amount or remaining balance? GC No Signature Line?

GC Activation Failure Exceptions? GC No Slip Message?

Gift Card sales swiped cards only? No Loyalty Redeem?

Allow deleting gift cards after send? Allow GC Block Activation?

Eliminate tip line on gift card slip?

No Gift Card Inquiry?

Activate Gift Cards before payment?

Print single activation slip?

Confirm before activation?

No mask gift card numbers?

Cannot pay for gift cards with gift cards?

Payment System Setup Screen

Gift cards (sometimes referred to as “smart cards”) need to be setup so that they can have value added to them as shown below: 17 - SC Sold and redeemed as shown below 15 - SC Redeem.

Payment System Setup: Display Location

| | |
|---------------|----------------|
| 1- CASH/CHK | 11- DEBIT CHRG |
| 2- TRADE | 12- DINERS |
| 3- | 13- |
| 4- | 14- |
| 5- | 15- SC REDEEM |
| 6- VISA | 16- |
| 7- MASTERCARD | 17- SC SOLD |
| 8- AMEX | 18- |
| 9- DISCOVER | 19- |
| 10- | 20- DEBIT SOLD |

Payment System Setup Screen – Setting gift cards up as a form of payment

Gift cards need to be set up much like credit cards so that money can be added to the cards and the cards can be used for purchases. Setup the gift card redeem (or SC Redeem) payment number as shown below so that gift cards can be used to pay for purchases just like a credit card.

Payment System Setup: Forms of Payment

Payment Number: Payment Name:

Interface type: Payout type: PMS - Auto reprint # of copies:

PMS Folio: Post this payment type to folio?

PMS Interface Channel:

Deposit account? Memo required?
 Automatic reprint of check? Credit Card payment?
 Managers authorization required? Cash drawer kickout?
 Payment type allows tip? Local change only?

Coupon? Coupon amount:
 Subtract coupon from Sales? Inventory number:
 Tax 1? Tax 2? Tax 3? Tax 4?

Currency conversion factor < CCF > Print on Chk?
 Multiply [X] / divide [] by CCF?
 Conversion Format: XXXXXX.XXX [X] / XXX.XXXXXX []?

Optional – Depending on how the merchant wants to account for gift cards sold, you may need to setup a 'form of payment' for when gift cards are sold. Keep in mind that this will affect how Positouch reports on gift cards sold and how the transactions are applied (or not applied) to the daily totals.

If interface type 51 is setup then Positouch will “back out of sales” of any gift cards you sell. If you don’t have interface type 51 setup then gift card sales will be added to total sales. The difference is important based on how the merchant does their accounting.

For example, if the merchant sells \$50 in gift cards and \$100 in food in a day:

With the interface 51 payment created: Total sales for the day will be \$100. This is shown as

- 1. +\$100 in food sales
- 2. +\$50 in gift card sales
- 3. -\$50 in gift card sold credit
- 4. Total = \$100

Without the interface 51: Total sales for the day will be \$150. This is shown as

- 1. +\$100 in food sales
- 2. +\$50 in gift card sales
- 3. Total = \$150

Payment System Setup: Forms of Payment

Payment Number: 17 Payment Name: SC SOLD

Interface type: 51-Credit - GIFT CARD
Payout type: 1 PMS - Auto reprint # of copies: 0
PMS Folio: Post this payment type to folio?
PMS Interface Channel: 0 - None Used

Deposit account? Memo required?
 Automatic reprint of check? Credit Card payment?
 Managers authorization required? Cash drawer kickout?
 Payment type allows tip? Local change only?

Coupon? Coupon amount: 0.00
 Subtract coupon from Sales? Inventory number: 7
 Tax 1? Tax 2? Tax 3? Tax 4?

Currency conversion factor < CCF > 0.000000 Print on Chk?
 Multiply [X] / divide [] by CCF?
 Conversion Format: XXXXXX.XXX [X] / XXX.XXXXXX []?

Ok Exit

Credit Cards: Credit Card Types Screen

Because redeeming a gift card is just like using a credit card, set up the 'redeem' payment type under the Credit Cards setup screen as shown below. Note that the channel is set to 2 – TRNSRV 2 next to STS (aka 15 – SC Redeem) gift cards only.

Credit Cards: Setup Credit Card Types

| CC Type | Payment Type | PCCharge | | | | Batch | Check CID |
|------------------|---------------|----------|-------|-------------|-------|--------------------------|--------------|
| | | Proc | Merch | Channel | | | |
| UISA | 6- UISA | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| MASTER CARD | 7- MASTERCAR | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| AMERICAN EXPRESS | 8- AMEX | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| DINER'S CLUB | 12- DINERS | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| DISCOVER | 9- DISCOVER | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| JCB | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| DEBIT | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| STS GIFT CARDS | 15- SC REDEEM | | 0 | 2- TRNSRU 2 | 0- CT | <input type="checkbox"/> | |
| | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |
| | 0- NONE | | 0 | 0- STNDRD | 0- CT | <input type="checkbox"/> | |

PCCharge Merchant Numbers

| | | |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |

Save Exit

Credit Cards: Forms of Payment Screen

Gift Card Redeem (aka SC Redeem) should be checked as shown below. Apparently, Gift Card Sold (aka SC Sold) does not need to be checked.

Credit Cards: Forms of Payment

| Form of Payment | Authorization Required | Draft Capture Allowed | Form of Payment | Authorization Required | Draft Capture Allowed |
|-----------------|-------------------------------------|-------------------------------------|-----------------|-------------------------------------|-------------------------------------|
| CASH/CHK | | | DEBIT CHRG | <input type="checkbox"/> | <input type="checkbox"/> |
| TRADE | <input type="checkbox"/> | <input type="checkbox"/> | DINERS | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| UISA | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | SC REDEEM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| MASTERCARD | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | SC SOLD | <input type="checkbox"/> | <input type="checkbox"/> |
| AMEX | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | DEBIT SOLD | <input type="checkbox"/> | <input type="checkbox"/> |
| DISCOVER | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |

Ok Exit

Credit Cards: User Defined Credit Cards

Add STS Gift Cards as shown below using the first 6 digits of the merchant's gift card numbers. (not the start and end numbers shown below) In most cases STS card numbers are 15-digits long. Be sure to check "No Chk Exp Date".

Credit Cards: User Defined Credit Cards

| Name | Start Number | End Number | Digits | Check Digit | No Chk Exp Date | Media |
|----------------|--------------|------------|--------|--------------------------|-------------------------------------|----------------|
| STS GIFT CARDS | 710204 | 710204 | 15 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 10 -Gift Cards |
| | 000000 | 000000 | 0 | <input type="checkbox"/> | <input type="checkbox"/> | 0 -Other |
| | 000000 | 000000 | 0 | <input type="checkbox"/> | <input type="checkbox"/> | 0 -Other |
| | 000000 | 000000 | 0 | <input type="checkbox"/> | <input type="checkbox"/> | 0 -Other |
| | 000000 | 000000 | 0 | <input type="checkbox"/> | <input type="checkbox"/> | 0 -Other |
| | 000000 | 000000 | 0 | <input type="checkbox"/> | <input type="checkbox"/> | 0 -Other |
| | 000000 | 000000 | 0 | <input type="checkbox"/> | <input type="checkbox"/> | 0 -Other |
| | 000000 | 000000 | 0 | <input type="checkbox"/> | <input type="checkbox"/> | 0 -Other |

Save More Flags Exit

Click on More Flags to bring up the screen shown below and use the settings as shown

Credit Cards: User Defined Credit Cards

| Name | -----Extended----- | | | Trk 1 Char |
|----------------|--------------------|-----|-----|---------------|
| | Start | End | Pos | |
| STS GIFT CARDS | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |

Trk 1 '#' = Default when swiped?

Payment System Setup: Sales Journal/Non-deposit Accounts

Open this setup screen and click 'Continue' to setup gift cards as shown on page 2 of this screen.

Payment System Setup: Sales Journal: Journal Entries Pg. 1 of 2

NON-DEPOSIT ACCOUNTS Pg. 1

| ENTIRE HOUSE | JOURNAL NAME | ACCOUNT NUMBER | CONTROLLING ACCOUNT | SHOW AT NET | DEBIT TAX |
|--------------|------------------|-------------------|--------------------------|--------------------------|--------------------------|
| TRADE | TRADE | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| UISA | UISA | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| MASTERCARD | MASTERCARD | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| AMEX | AMERICAN EXPRESS | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DISCOVER | DISCOVER | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | SMART CARD | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

NON-DEPOSIT ACCOUNTS Pg. 2

| ENTIRE HOUSE | JOURNAL NAME | ACCOUNT NUMBER | CONTROLLING ACCOUNT | SHOW AT NET | DEBIT TAX |
|--------------|------------------|----------------|--------------------------|--------------------------|--------------------------|
| DEBIT CHRG | DEBIT CHARGE | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DINERS | DINERS | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SC REDEEM | GIFT CARD REDEEM | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SC SOLD | GIFT CARD SOLD | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | SMART SOLD | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DEBIT SOLD | DEBIT SOLD | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Ok

Exit

Downloading and Installing the STS Gift Card Adapter

The STS Gift Card Adapter is our version of TranServer. It simply acts as a conduit between your Positouch and our transaction processing system. It is a very small program that accepts IP-based transactions from your POS software and sends them to our internet gateway over a secure connection.

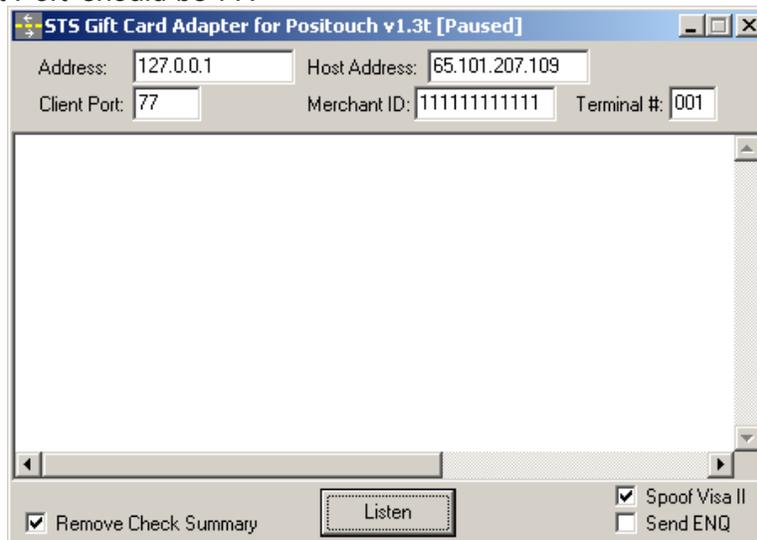
Complete the following steps to install the program:

1. Download the installation files from our web server at:
<http://smartertransactions.com/positouch/HostAdapterSetupPositouch.exe>
2. Run HostAdapterSetupPositouch.exe
3. Follow the prompts.

The STS Gift Card Adapter needs to be running at all times in order for gift cards to work. The install program adds an entry to the Windows registry so that the program is started automatically whenever any user logs in.

5-step Configuration for the STS Gift Card Adapter

1. Enter the merchant's 12-digit Merchant ID and 3-digit Terminal #. (As supplied to you by the merchant's sales rep.)
2. The 'Address' field is the IP address that the software will "listen" for transactions on. This must be the IP address of the machine that the STS Gift Card Adapter is installed on. (This is the IP address machine on the LAN, not the public internet address.) The software will normally automatically load the IP address of the machine into this field. If the software is running on the Positouch server, it is usually best to use 127.0.0.1.
3. The 'Host Address' should be left at it's default value – this is the public IP address of our SSL gateway.
4. The 'Client Port' should be 77.



5. Leave all other values at their default settings and click the "Listen" button to activate the program. The on-screen log window should show that the program is now listening for transactions from your POS software. **Note: The Address and Port# used in the screen above MUST be the same values shown in the TranservChannel2 setting in the SPCWin.ini file. (See sample SPCWin.ini file above.)**

After installation and setup, the program will automatically start listening and minimize itself to the system tray whenever the program starts. (The system tray is the small row of icons near the clock on the desktop) The Host Adapter icon looks like this:

Gift Card Installation and Tech Support from Smart Transaction Systems

If you have completed all steps exactly as shown above, but are having trouble or simply have questions, feel free to call us at 1-888-494-9760. Press 555 for live help.