

**Semi Integrated Credit Authorization
for MyPOS Connect
using TSYS Merchant Services**

Credit / Debit

User Guide



Merchant Services



Processing Sales - Single Payment

Ring in your items as usual. When you advance to the tender screen choose the payment type and press the + key, or type in the amount if it is less than the entire amount due. You will see the “Card Entry – Tender” window along with the name of the payment type. Press ENTER or click OK.



The PIN Pad will prompt with a similar message.

Select 1 for Credit or 2 for Debit.

EBT should not be selected.

If your system has not been set up with TSYS Merchant Services to accept Debit, this screen may be bypassed.



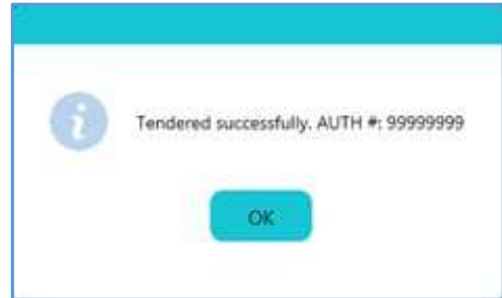
After selecting the appropriate card type, a screen will prompt to enter the card. The card may be Swiped, Inserted for chip, tapped if contactless or manually entered.



While processing at the PIN Pad, this screen will be displayed at the Till.



Perform the actions at the PIN Pad. When the transaction is complete, provided the transaction is approved, the Till will show the following message.



Provided the transaction is approved, the PIN Pad will show a message similar to the following if a card was inserted.



Receipt will include the credit card or debit authorization information and/or any error messages that occurred.

Receipt Note:

The "Batch" on the receipt refers to the processor batch, not the Session in MyPOS Connect.

Store Name Here	
Store Address Here	
Sale / Purchase	
Clerk #: 000001	
MID: 1234567890	
TID: 123	REF: 00000001
Batch: 001	
DATE	TIME
APPR CODE: 123456	
VISA	Chip
*****0001	**/**
AMOUNT:	\$25.75
00 - APPROVED - 000	
X _____	

Processing Sales – Manual Entry

Ring in your items as usual. When you advance to the tender screen choose the payment type and press the + key or type in the amount if it is less than the entire amount due. You will see the “Card Entry – Tender” window along with the name of the payment type. Select Manual Entry then press OK.



Only credit cards may be entered manually. Debit cards must be swiped, inserted or tapped.

Till screen will wait for entry from the PIN Pad.

PIN Pad will prompt with Swipe/Insert/Tap/Key. The credit card number may be entered directly on the PIN Pad. Enter the card number then press Enter (green button).

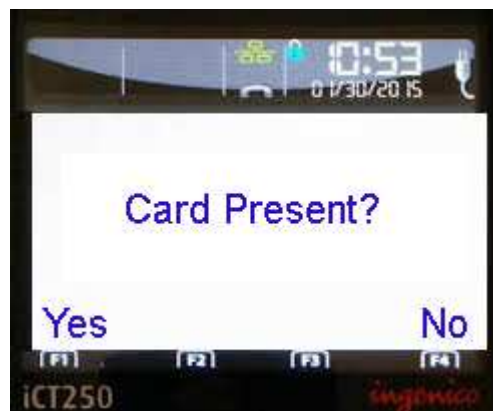
Enter the expiry date in MMY format then press Enter.



PIN Pad will prompt with 'Card Present?'.

Press F1 if card is present.

Press F4 if card is not present.



The PIN Pad will prompt to enter the CVC code from the back of the card. Enter the three digit code then press Enter (green button) when ready to continue.

Enter all information that is prompted at the PIN Pad.

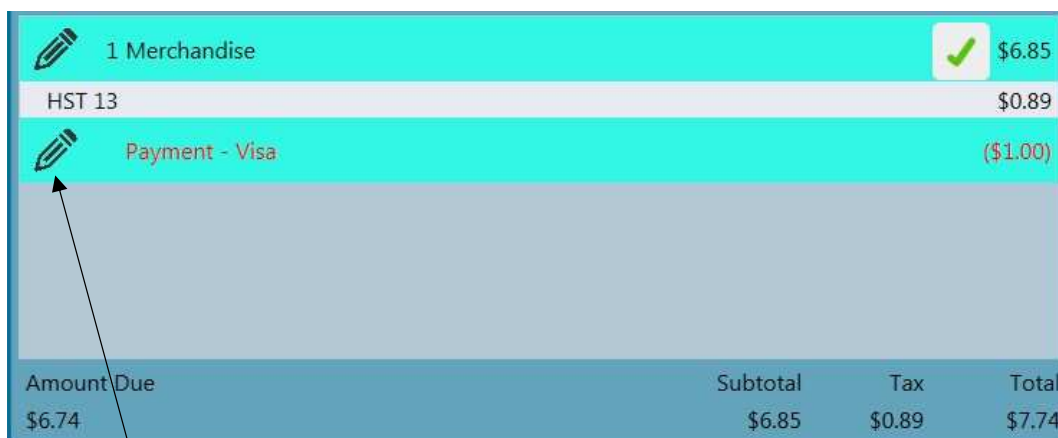


Processing Sales - Multiple Payments

Ring in your items as usual. Press Subtotal and before you press Card Payment, type in the amount being applied to the first card payment. Once the tender has been processed, you will be prompted for the next payment type. Repeat the steps as necessary.

Important note: If any of the payments fail or are declined, and the customer has no alternate payment method, existing authorizations can be removed from the transaction.

In the example below, the customer has paid \$1.00 on their Visa card. Next, assume that they attempt to put the remaining amount (\$6.74) on their Mastercard, but the transaction is declined and the other alternate.



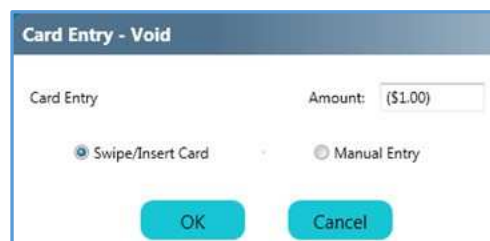
1 Merchandise		✓	\$6.85
HST 13			\$0.89
Payment - Visa			(\$1.00)
Amount Due	Subtotal	Tax	Total
\$6.74	\$6.85	\$0.89	\$7.74

The user can touch the pencil icon beside the “Payment Visa” line to display the Product Edit page and click the Remove



button.

You will be prompted with the following “Card Entry – Void” screen and will need to use the same card to reverse the transaction.



Card Entry - Void

Card Entry Amount: (\$1.00)

☒ Swipe/Insert Card ☐ Manual Entry

OK Cancel

Transaction Returns

Returns are processed exactly like sales

Transaction Voids

Select the transaction that needs to be voided from the Receipts button. The payment screen should automatically populate the payment type(s) that was originally used to pay for the transaction.

You will be prompted with the following “Card Entry – Void” screen and will need to use the same card to reverse the transaction.



Press OK to continue.

The Card Entry – Void screen will provide the **Reference #** to enter on the PIN Pad.

The PIN Pad will prompt for how to select the transaction.

Press 2 for Reference #



Enter the reference # provided on the Card Entry screen.



Press the button below 'Select' to select the transaction to void or press the red button to cancel..



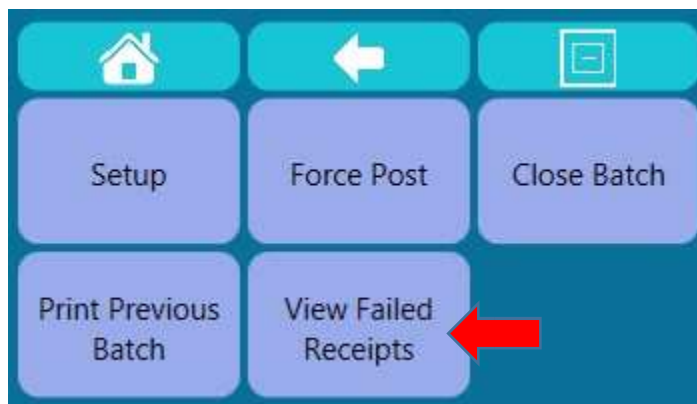
Press the button below the Yes (F1) to void the transaction or press the button below the No to cancel.



If at any time the transaction is cancelled, this screen will be displayed. Select Yes to try again or No to cancel.

Failed Receipts

Press your TSYS button to reprint or purge failed receipts. Failed receipts are created when a card payment fails and the MyPOS Connect transaction is not completed due to a communication error or perhaps a declined credit card. Failed receipts print automatically at the time of the transaction, however, you can also reprint these receipts from this location as they will not appear in the MyPOS Connect receipts.

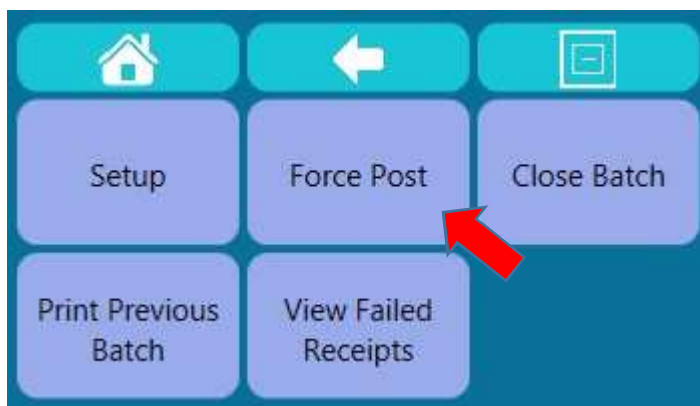


Press the 'Failed Receipts' button to select a receipt to reprint. As failed receipts are not associated with a transaction number, you will need to locate a failed receipt based on the register number, time, payment method and amount.

These receipts will print the reason the transaction failed

Force Post

Force post can be used in cases where all communication is down between the PIN Pad and the processor. In these cases, you would call your processor for authorization. First, click the TSYS button in the Till then click the "Force Post" button.

A screenshot of the 'Force Post' dialog box. It has a title bar 'Force Post'. Below it is a label 'Force Post Amount:' followed by a text input field. At the bottom are two buttons: 'OK' and 'Cancel'.

User will be prompted to type in the "Force Post Amount" (this would be the transaction total).

The user will be prompted to swipe, insert or tap their card and then be prompted to pass the terminal to the merchant.

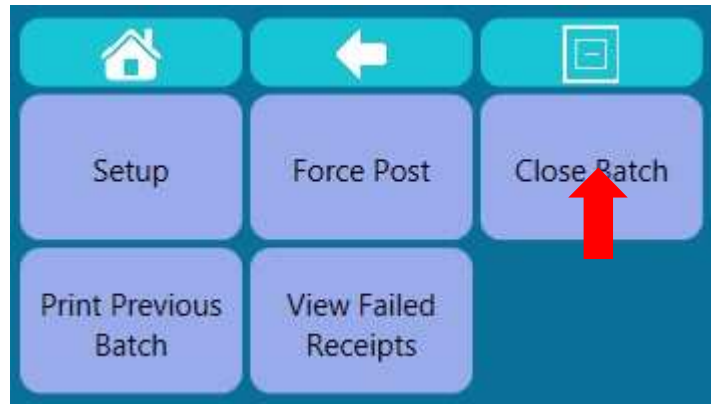
The user can then type in the authorization code received from the processor on the telephone. Carefully input this number into the PIN Pad.

These transactions will migrate to the processor when your internet connection is restored and you perform a batch close.

End of Day

Click your TSYS button in the Till.

Click your “Close Batch” button.



Press the button under the “Yes” option (F1) to continue and follow the prompts to print your settlement reports.



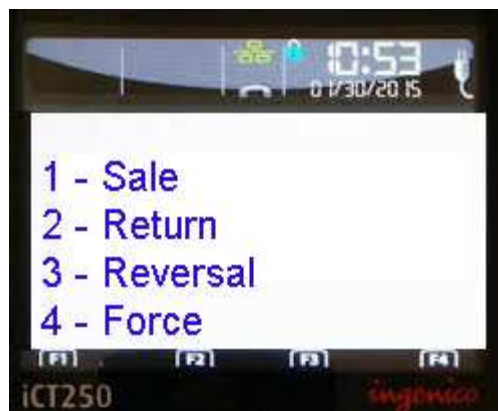
Settlement issues must be taken up with your processor.

Using Stand-Alone Mode

In the case where a credit or debit transaction needs to be processed that should not affect any transactions in MyPOS Connect, stand-alone mode can be used. This can be useful if a transaction has been processed through the system, the PIN Pad has successfully processed the transaction, but an error occurred in the Till in that it did not receive the processed transaction information from the PIN Pad.

To use stand-alone mode:

- Press the F1 button on the PIN Pad.
- Press F1 again to answer Yes.
- Press the green Enter button.
- Select the appropriate number for the transaction that you wish to process .
- Follow the prompts to complete the transaction.



When all stand-alone transaction are complete, return the PIN Pad to Semi-Integrated mode by pressing F1.

Trouble Shooting

Communication Problems

In the event of communication problems your first course of action will be to ensure that your internet is up and running. This is a good test to see if you have contact with “the outside world”. If you do have internet access, your next step should be to power the PIN Pad off and then on again by unplugging it, visually confirming that the screen has gone dark and plugging it back in again. You will want to ensure that the network cable running to the “magic box” is connected. If you are not sure about how the PIN Pad connects, it is strongly recommended that you watch the installation video located at this link (you can ignore instructions beyond the 1:57 mark as they explain adding a second PIN Pad which is not required):

<http://ingenico.us/terminals/ict250/>

Should communication problems persist, consider changing from a Dynamic IP address to a Static IP address. Before beginning you will need to get an available IP address for your network, your gateway IP address and optionally get your DNS IP addresses. Follow the instructions below on your ICT 250 terminal:

Press the [.,#*] button

Choose 3 – Setup Menu and enter the Manager Password

Choose 2 – Communications

Choose 3 – Ethernet

Choose 1 – Current setup to view the existing settings (use the red button to back out)

Choose 2 – Ethernet setup

Choose 2 – Static IP

Choose 1 – Terminal IP and type in the IP address you wish to assign.

Press the green **[Enter]** button when finished

Choose 2 – Gateway IP and type in the IP address you wish to assign.

Press the green **[Enter]** button when finished

Choose 4 – PriDNSIP and type in your primary DNS (if unsure, you can try using Google’s - 8.8.8.8)

Press the green **[Enter]** button when finished

Choose 5 – SecDNSIP and type in your secondary DNS (if unsure, you can try using Google’s - 8.8.4.4)

Press the green **[Enter]** button when finished



For complete instructions, refer to the Ingenico ICT 250 Terminal User Guide.

Timeouts

If a message on the PIN Pad indicates that ECR Printing has failed the cashier should select Yes (to keep waiting) in the display in the Till and select Retry on the PIN Pad. This will resend the information from the PIN pad.



Connection Issues



An error occurred. No connection could be made because the target machine actively refused it at xxx.xxx.xxx.xx:xxx

The most likely reason for the error above is that you are not pointing to an IP address that exists on a device other than your pin pad.



An error occurred. A connection attempt failed because the connected party did not properly respond after a period of time or established connection failed because connected host has failed to respond xxx.xxx.xxx.xx:xxx

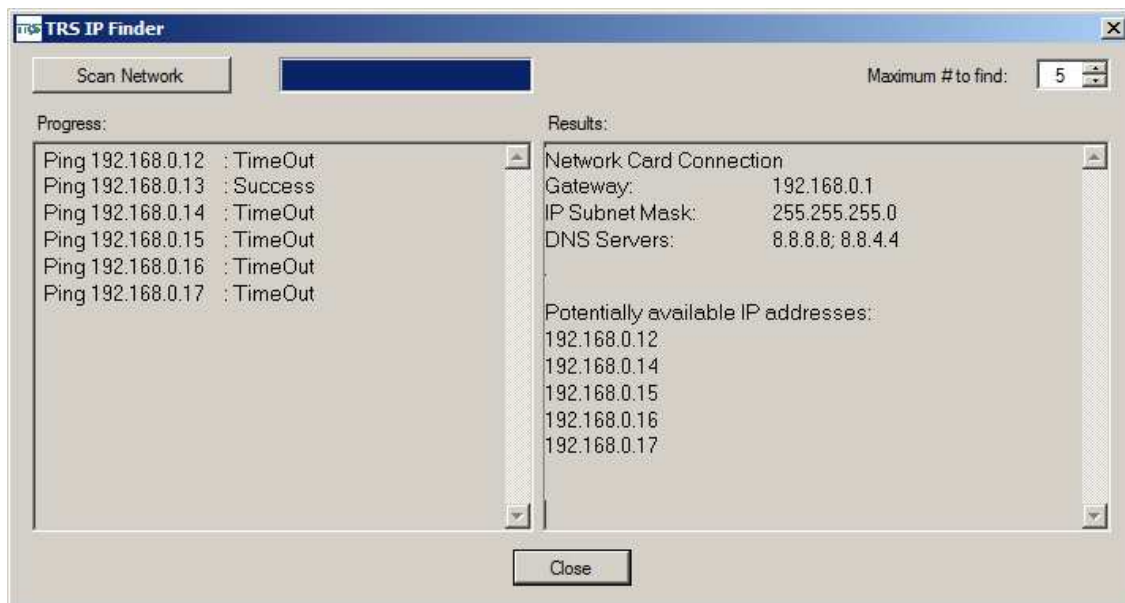
The most likely reason for the error above is that either the pin pad is not connected to the network or the IP address in setup is not valid.

TRS IP Finder

If you need to find an IP Address to use for your PIN Pad, a utility is installed with the software to find available IP Addresses on the local network.

The program can be found in the Windows Programs under “Tri-City Retail Systems”. The program is called “TRS IP Finder”.

Run this program and it will automatically search for available IP Addresses. It needs to be executed on a computer within the same local network that the PIN Pad needs to be part of.



By default, the program will list the first 5 (Maximum # to find) potentially available IP Addresses that could be used. The network gateway, subnet mask and DNS server information is also displayed.

Error Messages

Error: An error occurred: No such host is known

Reason: Your computer is unable to locate your PIN Pad.

Action:

- Ensure that the PIN Pad's Ethernet cable is securely connected to the PIN Pad.
- Ensure that the network icon on the PIN Pad is on
- Reboot the computer
- Power the PIN Pad off and then on again (unplug)
- Review the "Ingenico USB driver setup" (in this manual)
- Review the "PIN Pad Setup" (in the setup guide)



Error: Tender Failed: Timed out on User Input. Retry?

Reason: Waiting for customer input on PIN Pad.

Action: Press Enter or click OK to try again.
Click No to exit.

Error: Tender Failed: Communication Error. Retry?

Reason: Unable to connect via the internet or dial up backup (if available).

Action: Disconnect the power from the PIN Pad. Once power out is confirmed by looking at the PIN Pad display, repower and wait while terminal initializes.

Error: Tender Failed: Cancelled by User. Retry?

Reason: Transaction was cancelled at the PIN Pad.

Action: Press Yes to retry or No to cancel the transaction.

Error: Tender Failed: DECLINED. Retry?

Reason: The processor declined the transaction.

Action: Try another form of payment or cancel the transaction.

Error: Tender Failed: A connection attempt failed ...

Reason: The PIN Pad did not respond to the request.

Action: Check PIN Pad for power and network connection. Disconnect the power from the PIN Pad. Once power out is confirmed by looking at the PIN Pad display, repower and wait while terminal initializes.

Error: There was an error closing the batch:

Reason: The PIN Pad timed out waiting for response to close the batch or there was an error in communications .

Action: Check PIN Pad for power and network connection. Ensure that you check for prompts on the PIN Pad when requesting the Close Batch.

Error: A tender has both positive and negative amounts

Reason: Each tender type in a transaction may only contain all positive or all negative values. If a single tender type contains a positive value and a change value, the transaction cannot proceed.

Action: Change the tender value then complete the transaction.

Error: Tender Failed: Timed out on User Input. Retry?

Reason: No input was performed at the PIN Pad prompts.

Action: Answer Yes to retry or No to cancel the transaction.

Error: CHECK ECR CONNECTION (Retry / Cancel)

Reason: Communication from the PIN Pad to the computer was not completed.

Action: Check connection to computer.



Error: TIMEOUT

Reason: Response to prompt on PIN Pad not entered in a reasonable amount of time.

Action: Cancel then retry transaction.

**Error: There was an error: No communication from PIN Pad received in 90 seconds**

Reason: PIN Pad is offline or not completed with a previous task.

If the PIN Pad has recently received an update, the Static IP Address may have changed during the download from your processor.

Action: Check PIN Pad for power and network connection. Disconnect the power from the PIN Pad. Once power out is confirmed by looking at the PIN Pad display, repower and wait while terminal initializes.

Check the PIN Pad static IP Address in the PIN Pad and in the PIN Pad configuration from the TSYS button in the Till. Make sure that the IP Address information matches. If the static IP information has changed, the static IP must be assigned and your processor must be informed of the Static IP information.

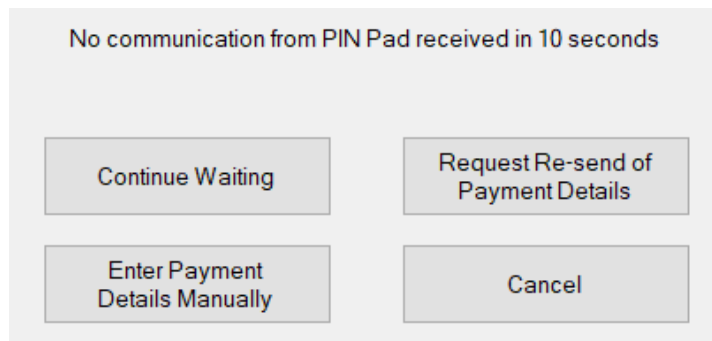
Error: PIN Pad Communication Error

Reason: PIN Pad has lost communications with the network

Action: The PIN Pad should have an option to Retry or Continue.

Retry/Continue at the PIN Pad: Press the Continue Waiting button at the Till along with the Retry at the PIN Pad.

If the communications has been restored, the transaction will be completed. If communication has not been restored, the PIN Pad Communication Error will be displayed again and an alternate option should be used. Pressing the Continue button at the PIN Pad will have the PIN Pad print the receipt.



Request Re-send of Payment Details: This is the preferred option to use. A warning message will be displayed to inform the cashier that this option may only be used when the PIN Pad is back at the Welcome screen and the authorized transaction has already been printed at the PIN Pad. Now select Continue on the PIN Pad. The PIN Pad will print the receipt and return to the Welcome screen. . The last authorized transaction results will be retrieved and the transaction will complete as normal, but credit card details are only available from the PIN Pad printed receipt. Pressing Cancel will return to the previous screen.

Enter Payment Manually: This option should only be used if the Request Re-send option does not provide closure to the transaction. A warning message will be displayed to inform the cashier that this option may only be used when the PIN Pad is back at the Welcome screen and the authorized transaction has already been printed at the PIN Pad. Pressing Continue will provide a screen to enter the Authorization Code, Reference Number and the Card Type. This information can be read from receipt that printed at the PIN Pad. The cashier must type in the exact details for each of the entry fields then press Continue. If the values have all been entered, pressing the Continue button will finalize the transaction. Pressing Cancel will return to the previous screen.

Cancel: Pressing Cancel should only be used if the Request Re-send and the Enter Payment Details Manually do not provide results. This will return you to the Transaction Screen. You will need to provide an alternate form of payment that does not require authorization to finish the transaction

Once your static IP Address has been assigned, you must contact TSYS Merchant Services to inform them of the IP Address that has been assigned to this terminal.

Call the TSYS Merchant Services help desk with this configuration information. This information, for each PIN Pad, will be set up in your configuration so that any future downloads will not overwrite your current setup.

Information Required:

- *Terminal IP*
- *Gateway IP*
- *IPSUBMask*
- *PriDNSIP*
- *SecDNSIP*

If this information is not changed in your setup at TSYS Merchant Services, future downloads and key exchanges may reset your terminal and it will be unusable until reconfigured manually.