

# Q1 sprint

V1.2.53  
(DEMO)  
V1.2.54  
(PRODUCTION)

# Release Notes



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# C O N T E N T S

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# INTRODUCTION

This document covers the Release notes of v1.2.53 demo & v1.2.54 production application.

## Apply Fee With Tax

**APPLY FEE WITH TAX** Option is available in the **TIP, TAX & FEE** section under **DEVICE CONFIGURATION**. This flag can be changed only if the **INCLUDE TAX** option is Enabled. The Value of **APPLY FEE WITH TAX** is **NO** by default. Users can change vice-versa.

The screenshot shows the 'TIP, TAX & FEE' configuration interface. It is divided into several sections:

- TIP:** Includes 'SMART TIP' (YES), 'PAY @ TABLE' (YES), and four 'OPTION' percentages (15%, 20%, 22%, 25%).
- SERVER/CLERK SETUP:** Includes 'MAX TIP' (350%) and 'RECEIPT FOR TIP ADJUST' (PROMPT AND PRINT).
- TAX:** Includes 'TAX' (10.000%).
- CUSTOM FEE:** Includes 'ENABLE FOR DEBIT' (YES), 'CUSTOM FEE DISCLOSURE' (YES), 'INCLUDE FOR PAY@TABLE' (YES), 'INCLUDE TAX' (YES), 'APPLY FEE WITH TAX' (NO), 'INCLUDE TAX FOR CASH' (YES), 'SHOW REMOVE FEE' (YES), and 'PROMPT PASSWORD TO REMOVE FEE' (YES).
- Labels and Surcharge:** Includes 'LABEL' (Non-Cash Charge) and 'SURCHARGE %' (4.000%).

The 'INCLUDE TAX' and 'APPLY FEE WITH TAX' options are highlighted with a red box, indicating they are the focus of the document.

# Enable Apply Fee With Tax

POS will calculate the custom fee for the **TAX** amount and the calculated custom fee amount will be added along with existing **TAX** amount.

## PORTAL

^ TIP, TAX & FEE

TIP	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						
SMART TIP	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						
PAY @ TABLE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						
OPTION 1	15 %	OPTION 2	20 %	OPTION 3	22 %	OPTION 4	25 %
SERVER/CLERK SETUP	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						
MAX TIP	350 %						
RECEIPT FOR TIP ADJUST	PROMPT AND PRINT						
FIXED TIP	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						
TAX	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						
TAX	10.000 %						

CUSTOM FEE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
ENABLE FOR DEBIT	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
CUSTOM FEE DISCLOSURE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
INCLUDE FOR PAY@TABLE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
INCLUDE TAX	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
APPLY FEE WITH TAX	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
INCLUDE TAX FOR CASH	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
SHOW REMOVE FEE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
PROMPT PASSWORD TO REMOVE FEE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
LABEL	Non-Cash Charge	SURCHARGE %	4.000 %

## POS



# Disable Apply Fee With Tax

POS will calculate the custom fee for the **TAX** amount and the calculated custom fee amount will be added along with the total of Base (Purchase) and Tip Custom Fee.

## PORTAL

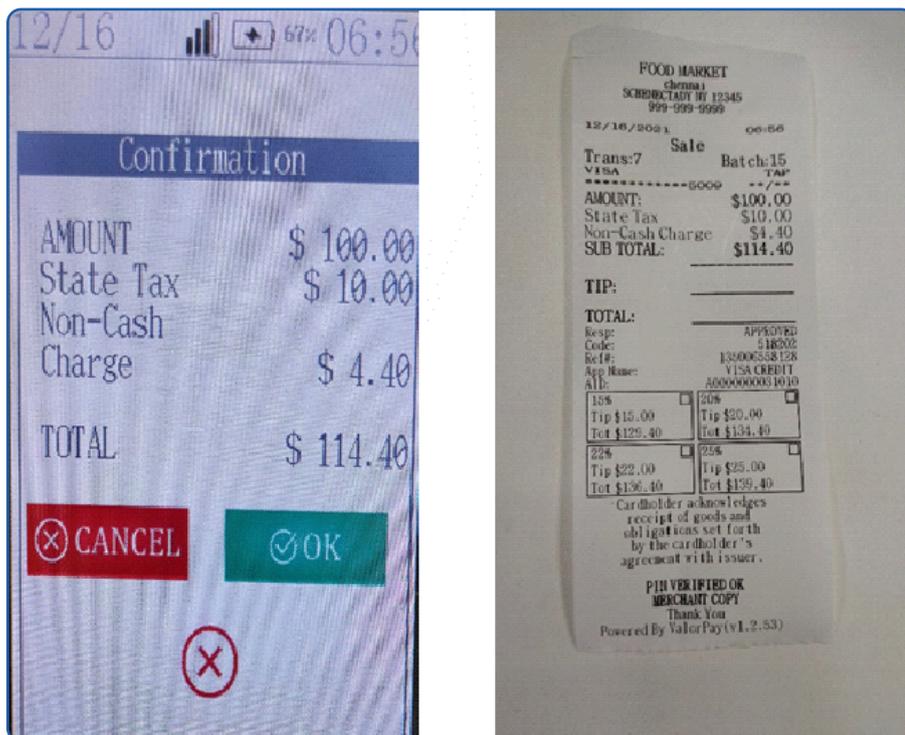
^ TIP, TAX & FEE

TIP	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
SMART TIP	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
PAY @ TABLE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
OPTION 1	OPTION 2	OPTION 3	OPTION 4
15 %	20 %	22 %	25 %
SERVER/CLERK SETUP	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
MAX TIP	350 %		
RECEIPT FOR TIP ADJUST	PROMPT AND PRINT		
FIXED TIP	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

CUSTOM FEE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ENABLE FOR DEBIT	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CUSTOM FEE DISCLOSURE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
INCLUDE FOR PAY@TABLE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
INCLUDE TAX	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
APPLY FEE WITH TAX	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
INCLUDE TAX FOR CASH	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
SHOW REMOVE FEE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
PROMPT PASSWORD TO REMOVE FEE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
LABEL	SURCHARGE %
Non-Cash Charge	4.000 %

TAX	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
TAX	10.000 %

## POS



# Apply Fee With The Tip

**APPLY FEE WITH TIP** Option is available in the **TIP, TAX & FEE** section under **DEVICE CONFIGURATION**. This flag can be changed only if the **INCLUDE FOR PAY@TABLE** option is Enabled. The Value of **APPLY FEE WITH TIP** is **NO** by default. Users can change vice-versa.

^ TIP, TAX & FEE

<b>TIP</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
<b>SMART TIP</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
<b>PAY @ TABLE</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
<b>OPTION 1</b>	<b>OPTION 2</b>	<b>OPTION 3</b>	<b>OPTION 4</b>
7 %	8 %	9 %	10 %
<b>SERVER/CLERK SETUP</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
<b>MAX TIP</b> 350 %			
<b>RECEIPT FOR TIP ADJUST</b> <b>PROMPT AND PRINT</b> <input type="checkbox"/>			
<b>FIXED TIP</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
<b>TAX</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
<b>TAX</b> 10.000 %			

<b>CUSTOM FEE</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>ENABLE FOR DEBIT</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>CUSTOM FEE DISCLOSURE</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>INCLUDE FOR PAY@TABLE</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>APPLY FEE WITH TIP</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<b>INCLUDE TAX</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<b>INCLUDE TAX FOR CASH</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<b>SHOW REMOVE FEE</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>PROMPT PASSWORD TO REMOVE FEE</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<b>LABEL</b> Non-Cash Charge	<b>SURCHARGE %</b> 3.000 %

# Enable Apply Fee With Tip

POS will calculate the custom fee for **FIXED TIP & ONLINE TIP** amount and the calculated fee amount will be added along with the existing **TIP** amount.

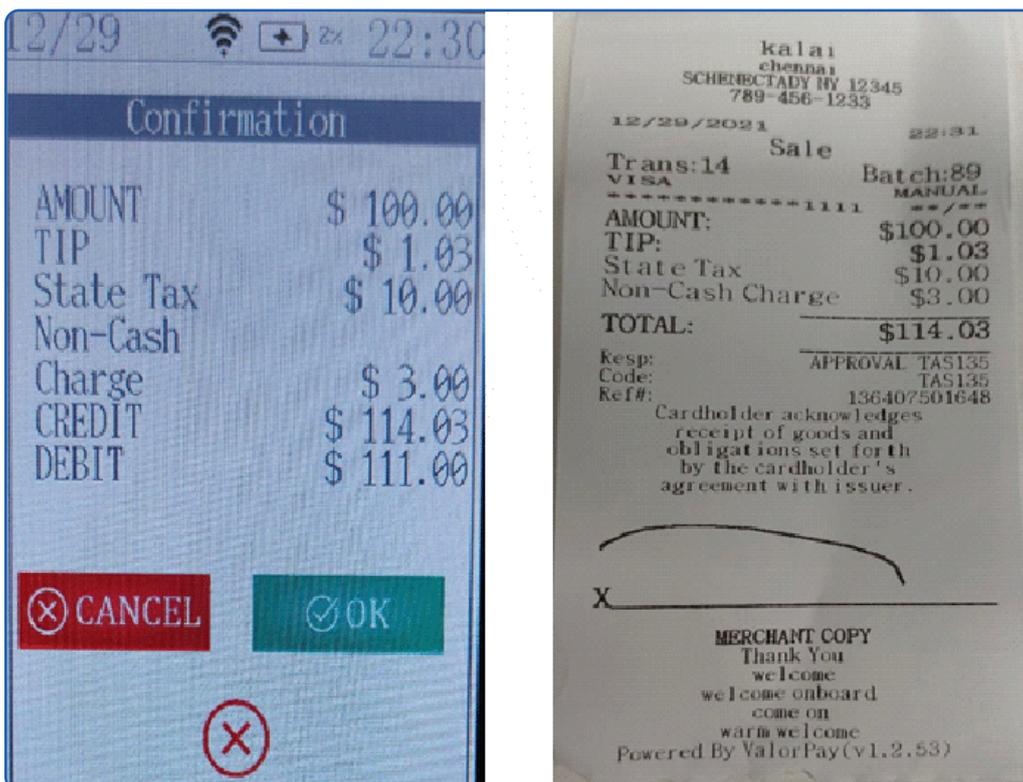
## PORTAL

^ TIP, TAX & FEE

TIP	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
SMART TIP	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
PAY @ TABLE	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
OPTION 1	7	%
OPTION 2	8	%
OPTION 3	9	%
OPTION 4	10	%
SERVER/CLERK SETUP	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MAX TIP	350	%
RECEIPT FOR TIP ADJUST	PROMPT AND PRINT	
FIXED TIP	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TAX	10.000	%
TAX	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

CUSTOM FEE	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
ENABLE FOR DEBIT	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
CUSTOM FEE DISCLOSURE	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
INCLUDE FOR PAY@TABLE	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
APPLY FEE WITH TIP	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
INCLUDE TAX	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
INCLUDE TAX FOR CASH	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
SHOW REMOVE FEE	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
PROMPT PASSWORD TO REMOVE FEE	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
LABEL	Non-Cash Charge	SURCHARGE %
		3.000 %

## POS



## Disable Apply Fee With Tip

POS will calculate the custom fee for **FIXED TIP & ONLINE TIP** amount and the calculated custom fee amount will be added along with the total of Base (Purchase) and Tip Custom Fee.

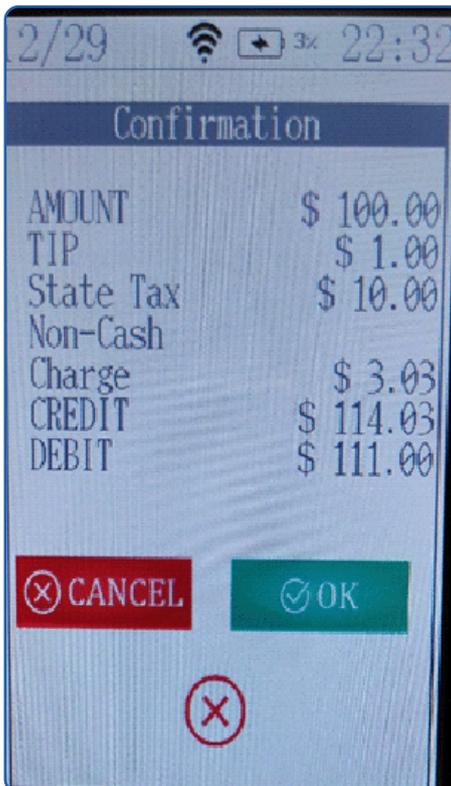
### PORTAL

^ TIP, TAX & FEE

TIP	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
SMART TIP	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
PAY @ TABLE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OPTION 1	7 %
OPTION 2	8 %
OPTION 3	9 %
OPTION 4	10 %
SERVER/CLERK SETUP	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
MAX TIP	350 %
RECEIPT FOR TIP ADJUST	PROMPT AND PRINT
FIXED TIP	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
TAX	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
TAX	10.000 %

CUSTOM FEE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ENABLE FOR DEBIT	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
CUSTOM FEE DISCLOSURE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
INCLUDE FOR PAY@TABLE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
APPLY FEE WITH TIP	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
INCLUDE TAX	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
INCLUDE TAX FOR CASH	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
SHOW REMOVE FEE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
PROMPT PASSWORD TO REMOVE FEE	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
LABEL	Non-Cash Charge
SURCHARGE %	3.000 %

### POS



# Receipt Print Option Based On TMS

**RECEIPT OPTIONS MERCHANT** and **RECEIPT OPTIONS CUSTOMER** Option is available with drop down feature in the **RECEIPT** section under **DEVICE CONFIGURATION**. Users can choose the print options from the dropdown. **POS** will print the **Merchant copy** and **Customer copy** based on the selected parameter.

The screenshot shows the 'RECEIPT' configuration page. It is divided into two columns. The left column contains: HEADER 1 (kalai), HEADER 3 (SCHENECTADY NY 12345), FOOTER (Thank You, welcome, welcome onboard, come on, warm welcome), SETTLEMENT REPORT DETAILED (PRINT) (YES/NO), HIDE RECEIPT OPTION (YES/NO), SMS-RECEIPT (YES/NO), and RECEIPT OPTIONS CUSTOMER (DONT PRINT). The right column contains: HEADER 2 (chennai), HEADER 4 (789-456-1233), DISCLAIMER (Cardholder acknowledges receipt of goods and obligations set forth by the cardholder's agreement with issuer.), EMAIL SETTLEMENT REPORT (YES/NO), PAPER RECEIPT (YES/NO), and RECEIPT OPTIONS MERCHANT (DONT PRINT). A red box highlights the RECEIPT OPTIONS MERCHANT dropdown menu, which shows options: DONT PRINT, AUTO, and PROMPT.

This screenshot is identical to the one above, showing the 'RECEIPT' configuration page. A red box highlights the RECEIPT OPTIONS CUSTOMER dropdown menu, which shows options: DONT PRINT, AUTO, and PROMPT.

**Note :** **DON'T PRINT** option under **RECEIPT OPTIONS MERCHANT** will be selected only by the user if **PRINT RECEIPT**, **SMS RECEIPT** option is Enabled & **TIP** option is Disabled.

# Don't Print

POS will display only "Transaction Successful" message and it will not print any Merchant/Customer copy.

## PORTAL

^ RECEIPT

HEADER 1 kalal	HEADER 2 chennai
HEADER 3 SCHENECTADY NY 12345	HEADER 4 789-456-1233
FOOTER Thank You welcome welcome onboard come on warm welcome	DISCLAIMER Cardholder acknowledges receipt of goods and obligations set forth by the cardholder's agreement with issuer.
SETTLEMENT REPORT DETAILED ( PRINT ) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	EMAIL SETTLEMENT REPORT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
HIDE RECEIPT OPTION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PAPER RECEIPT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
SMS-RECEIPT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	RECEIPT OPTIONS MERCHANT DONT PRINT
RECEIPT OPTIONS CUSTOMER DONT PRINT	FORCED SIGNATURE LINE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

# Auto

POS will print the Merchant copy and Customer copy without any user confirmation.

## PORTAL

^ RECEIPT

HEADER 1 kalal	HEADER 2 chennai
HEADER 3 SCHENECTADY NY 12345	HEADER 4 789-456-1233
FOOTER Thank You welcome welcome onboard come on warm welcome	DISCLAIMER Cardholder acknowledges receipt of goods and obligations set forth by the cardholder's agreement with issuer.
SETTLEMENT REPORT DETAILED ( PRINT ) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	EMAIL SETTLEMENT REPORT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
HIDE RECEIPT OPTION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PAPER RECEIPT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
SMS-RECEIPT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	RECEIPT OPTIONS MERCHANT AUTO
RECEIPT OPTIONS CUSTOMER AUTO	FORCED SIGNATURE LINE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

## Prompt

POS will print the **Merchant copy** and **Customer copy** with user confirmation.

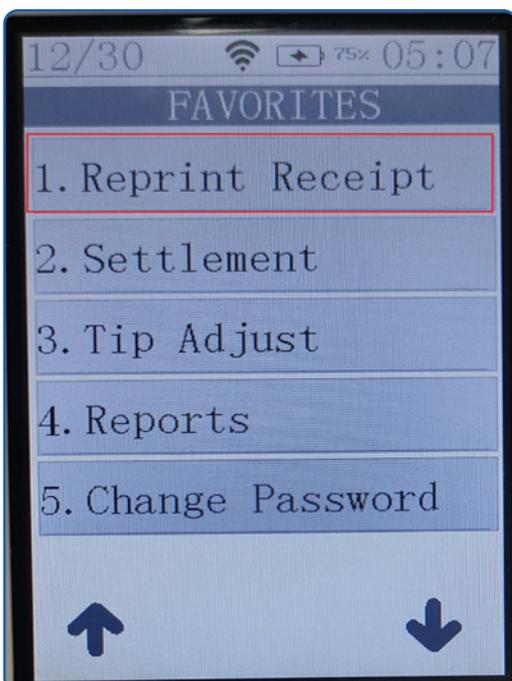
### PORTAL

^ RECEIPT	
HEADER 1 kalal	HEADER 2 chennai
HEADER 3 SCHENECTADY NY 12345	HEADER 4 789-456-1233
FOOTER Thank You welcome welcome onboard come on warm welcome	DISCLAIMER Cardholder acknowledges receipt of goods and obligations set forth by the cardholder's agreement with issuer.
SETTLEMENT REPORT DETAILED ( PRINT ) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	EMAIL SETTLEMENT REPORT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
HIDE RECEIPT OPTION <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	PAPER RECEIPT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
SMS-RECEIPT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	RECEIPT OPTIONS MERCHANT PROMPT
RECEIPT OPTIONS CUSTOMER PROMPT	FORCED SIGNATURE LINE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

## Menu Name Change – Print To Reprint

**PRINT RECEIPT** menu name has been changed to **REPRINT RECEIPT** under **FAVORITES** menu.

### POS



# Add Space On The Receipt Under "PIN VERIFIED OK"

An Extra Space has been added in Merchant Copy under **PIN VERIFIED OK**.

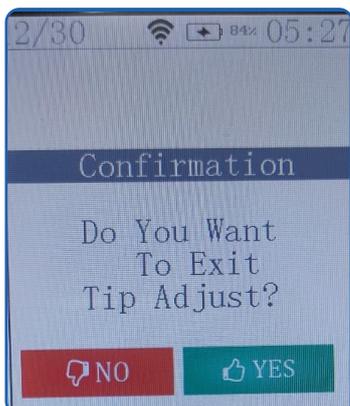
- POS



## Tip Adjust Prompt Message

POS will prompt the "Do You Want to Exit Tip Adjust?" confirmation message when user press the cancel option from **ENTER TRANSACTION NO** screen under **Tran Number** menu or **ENTER LAST 4 DIGITS** screen under **Card Number** menu from **Tip Adjust** menu.

- POS



# True Cash Discount & True Surcharge Feature In The Pin Pad

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- After entering the amount in **Host(master)**, Host will send request to **Slave (Pin pad)**.
- **Slave (Pin pad)** will display “**present card**” screen followed by amount confirmation.
- User can swipe/tap/insert/Manual any type of card (i.e., CREDIT/DEBIT/EBT/GIFT).
- Slave (Pin pad) will request the card type to Host (Master) by sending Bin Number as a request.
- **Host (Master)** will receive that **Bin Number** and get that **Bin Number** information from **TMS** or **LOCAL BIN** file. Then **HOST (Master)** will send back the card type information's to **Slave (pin pad)**.
- **Slave (pin pad)** will process the transaction based on the information received from **Host (Master)**.

## GPRS Provider Issue

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While fetching **SIM ID** using AT command, **POS** kernel is getting **SIM ID** with “**AT+CCID**” sub string. So, **POS** couldn't find the **PROVIDER** of the SIM ID.

Now this issue has been fixed in POS with the solution of removing **AT+CCID** sub string from the **SIM ID**.

# Mobile App

## Embrace Operator Feature Controls (I.e Refund Allowed etc)

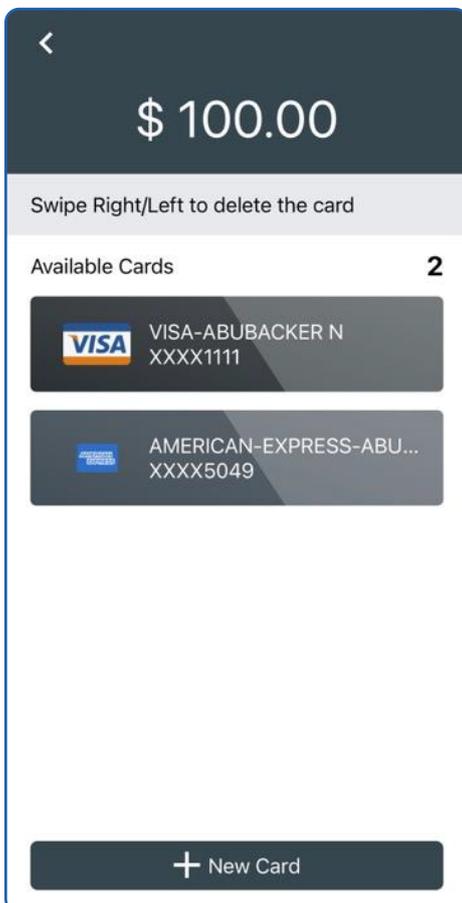
Now we are allowing REFUND transactions through iOS mobile application for operator

## Displaying Inactive EPI on the Mobile App

The EPI's which are all inactive won't display in the mobile application. When that EPI turns to active, that will appear in the mobile application

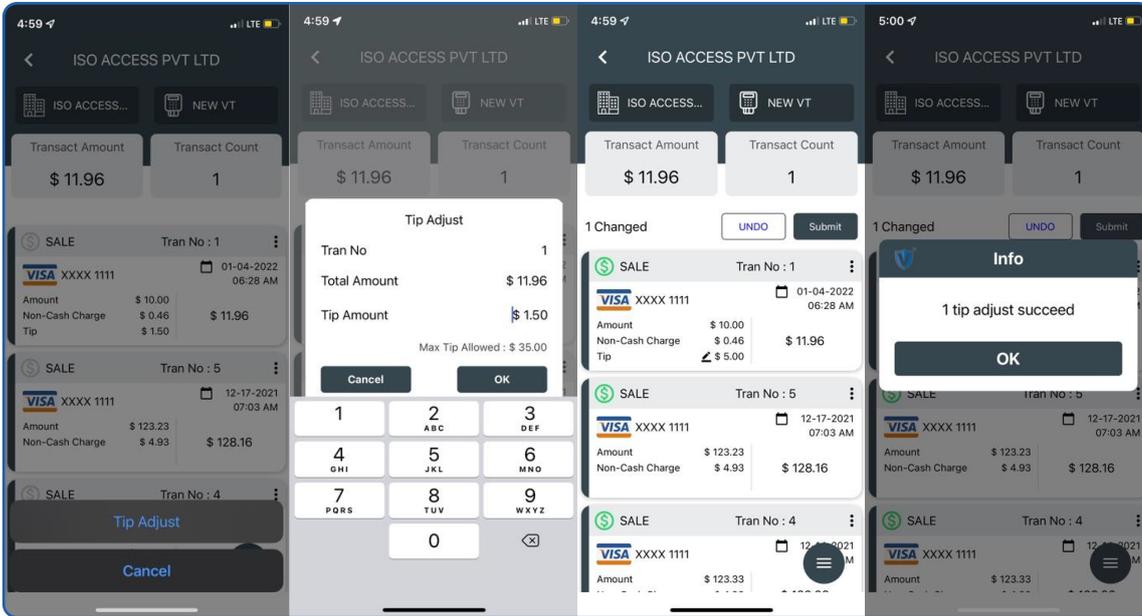
## Show Saved Card Tokens, Just Like Portal Virtual Transactions

Now just like portal virtual transactions, We are fetching the saved card tokens based on customer mobile number and email address. Please see the design below,



# Tip Can Be Adjusted From Mobile App

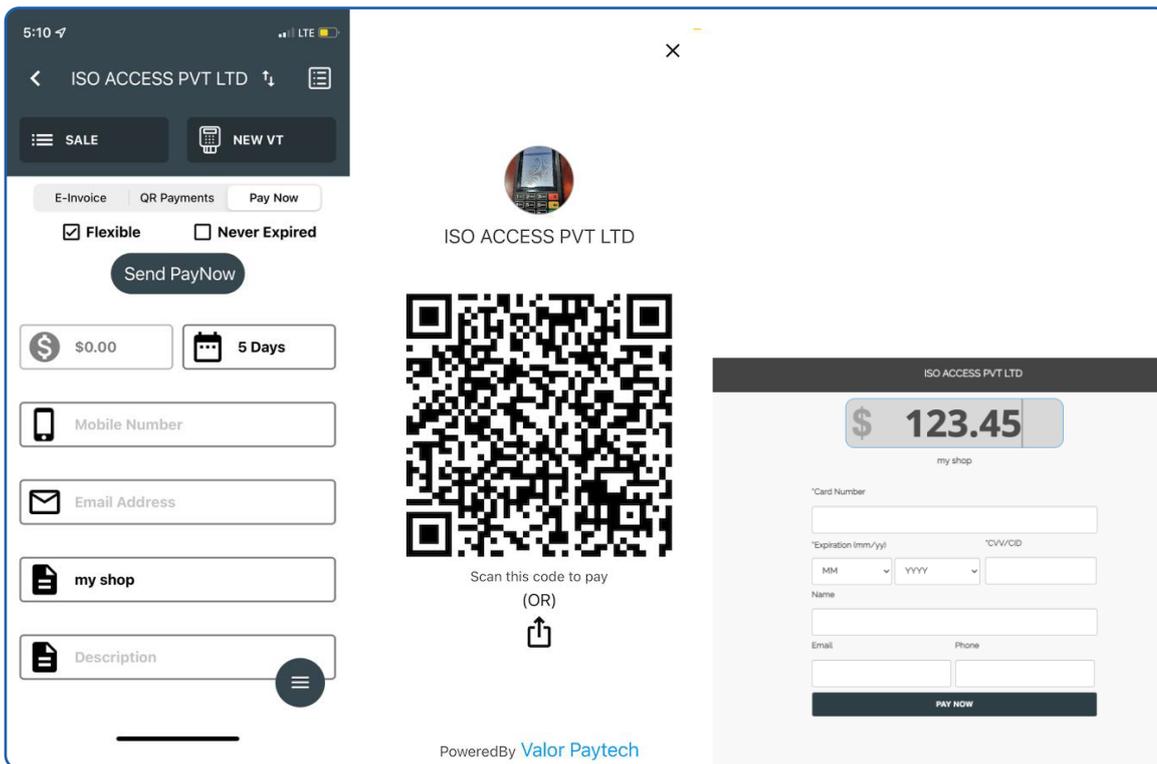
Now, From mobile application TIP can be adjusted by following below steps app (☰ Menu -> Batch -> Select transaction ( triple dot ))



# Pay Now Feature App

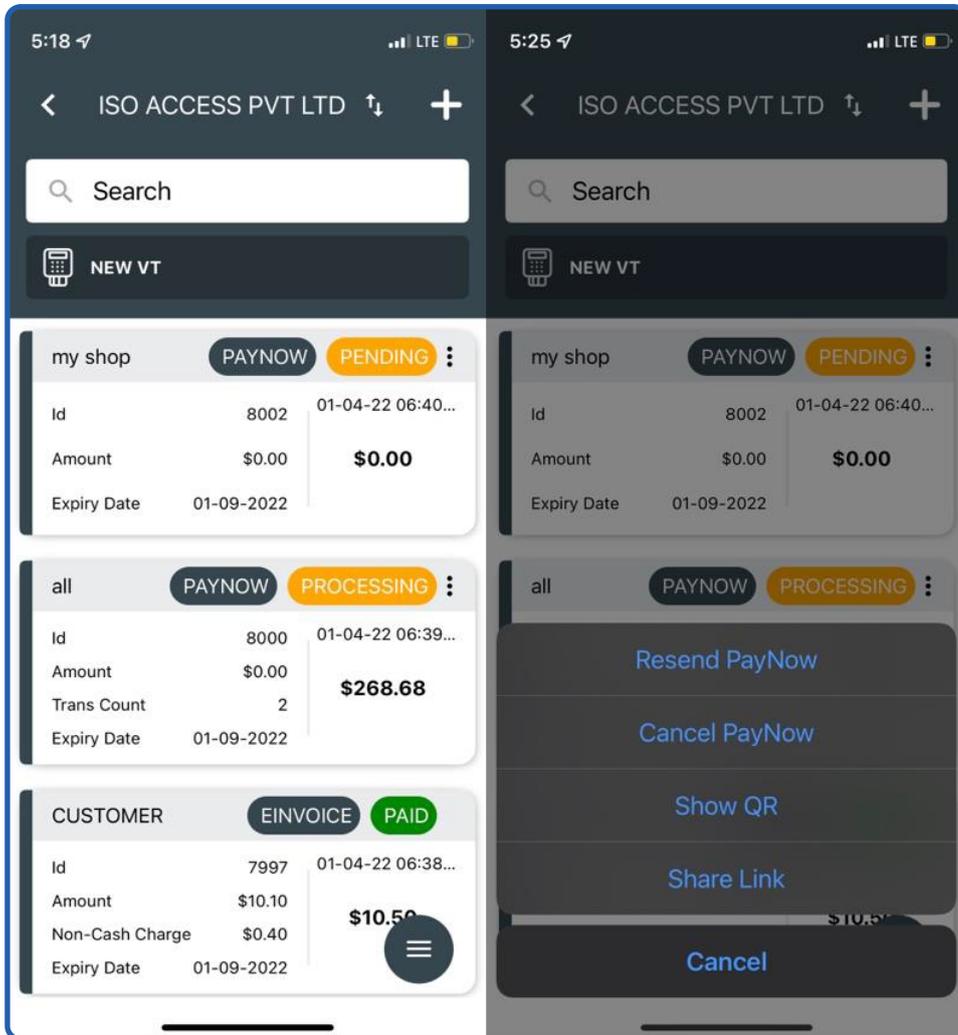
(☰ Menu -> E Invoice -> Pay Now -> Check Flexible or Enter Amount -> Click Send PayNow)

1. Flexible option enable customer to enter any \$dollar amount. We can set the expire time; default would be 5 days; also we can check NEVER EXPIRE for life time validity of this link.



# Pay Now URL

(☰ Menu -> E Invoice -> List Icon) , Here we can control all PayNow and EInvoices



THANK YOU

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THE FUTURE OF PAYMENT TECHNOLOGY



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