ISS 45

FUJITSU

Release Notes
Version 8.3.1

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New Features — PoS

CoinStar

8.3.1 adds the ability to support the scanning of the Coin Star tickets, the reduction of sales when using the tickets, the ability to accept the tickets outside an order and the accountability of these tickets within the system and present reports.

The Bar Code usage is IAN2 code '29' and takes the shape of 29-xxxxx-00000-C where 'xxxxx' represents a number assigned within the CoinStar system and '00000' is the value. Whenever the value exceeds $99.99, this field will contain all zeroes, causing ISS45 to prompt the Operator for 'Manual Entry' of the value.

When the CoinStar ticket is presented during a sale, it is handled as a tender, reducing the sale and adding to a separate total for accountability. It can over-tender a sale and cause a cash change condition which should follow the same rules as cash or check over-tenders. When used, it will follow the conventions of cash for reduction of Food Stamp Eligibility and/or Taxability.

When presented outside an order, it will be the only type of transaction allowed in that order (i.e. Coupon Only Order) and will have the affect of reducing cash and increasing the cashier accountability for CoinStar tickets. It is accountable in the Cash Drawer and added to the following reports:

- Checker Tender Report: Inserted in the Media Section (Bottom) and accumulated as other tenders. The Checker Tender Summary Report should show the total for the store and agree with the amount shown on the Department Analysis Report and Department Analysis Detail Report.
- Department Analysis Report and Department Analysis Detail Report: Shown immediately after Gift Certificates at the end of the report as a total figure for the store. This is a memo figure only and does not add into other totals on this report.
- Order Summary Report: Added to the Order Summary Report
- Electronic Journal: Added as a transaction selection to the Electronic Journal
- Store Summary Report: Added to this report when Tender Data is included.
- The CoinStar ticket's transaction number (xxxxx) is retained for at least 30 days within the application and when a ticket is presented for redemption that number must be checked against this file to determine if it has been previously "cashed". A control check parameter must be attached to this function to enable an override. This works something like a bad check file.

Post email

Mail messages can be sent (questions & answers) from PoST to PoST and PoST to SERVER.

The PoS generates an alert (ALRT_ID = 113). The alert contains the Mail ID. It depends on several permissions:

- Privilege number
- Key lock position

Sending mail predefined messages from Post to Post and Post to server:

- The Post-email application places the messages in the POSWare – Office — MainMenu — Database Management — Message Center — PoST Messages
- The system enables you to send emails through the following directions:
  PoST → Server
  PoST → PoST, PoST ← PoST
  The email network is based on fixed size transaction (you can not perform Chat).
- Messages should be pre-defined in the system, according to the following attributes:
  - Message number – The message number
  - Description – The message text.
  - Message Type – The type of the email:
    Send & Answer
    Send only
    Answer only

- Priority – When the email should be sent:
    - Immediate
    - End of order – End of ticket
    - End of shift – Sign Off
- Mail Destination – The destination of the mail.
    - Server
    - Specific PoST
    - All PoSTs
    - All
- Privilege – Which privilege the cashier, needs in order to send the message.
    - If the privilege is zero, no privilege is required.
- Keylock Position – Which Keylock position is required for the email message to be sent. (i.e.: only in Manager keylock position, the email could be sent)
- Required Answer – If the sent email message requires an answer or not
- Beep on Receive – If true, a beep should be generated when the email has received.
- When to Display:
    - Dates & times for displaying the email messages.

- The PoST should have new keyboard function on the terminal: PoST EMAIL. When cashiers would like to send email, they will click on the PoST EMAIL button.
  The Email messages menu will pop up. The cashier will select a required email message.
- Alert transaction will be created with the relevant message ID. The message ID will be processed and the message description will be present in the mail destination (SERVER or specific PoST or all PoSTs).

  Example:
  Use Case 1:
  The manager in the Supermarket office defines the following mail message:
  Message number: 1
  Setup
  Description: Do you have money to exchange?
  Message Type: Send & Answer.
  Priority: Immediate.
  Mail Destination: PoST only (the cashier has the option in the email menu to select specific destination terminal).
  Privilege: 0 (no privilege is necessary).
  Keylock Position: None.
  Required Answer: Must (The requested cashier must send an answer whether or not she has money to exchange).
  Beep on Receive: Checked

When to Display:
The above message should be optional to be sending all the time.
Cashier no. 10 has some money to exchange.
Cashier no. 10 clicks on the PoST EMAIL button and the email menu should pop up.
Cashier no. 10 selects message no.1 and to which terminal the message should be sent (she prefer to send this email message to the closest terminal, for example).
Cashier no. 10 should wait to the beep to be heard when an answer would be received.

No Limit to Segment Links

Each promotion can be linked now to unlimited number of customers.

New Hardware Support

TeamPoS 2000, Epson6000, Axhiom 758

One Macro File for Different Checkout Banks (Location Groups)

Users may want different default menu page for each location such as front-end checkout versus peripheral departments. Most of the Macro file features remain the same (Departments, Coupons etc.).
In 8.2.1. WinPoS supports this capability. By adding one command line per checkout bank, you can override the

default menu page, thus formatting a unique page for SALE or TENDER mode for each type of checkout.
Example 1: Adding the following line to the Macro file:

SSCB=2 DESC=”State Sale for checkout bank 2” DATA=32

SSCB=3 DESC=”State Sale for checkout bank 3” DATA=33

Will force all tills of checkout bank #2 to display STATE #32 as the default page at NO-SALE & SALE mode and force all tills of checkout bank #3 to display STATE #33 as the default page at NO-SALE & SALE mode.

Example2: Adding the following line to the Macro file:

STCB=2 DESC=”State Tender for checkout bank 2” DATA=42

Will force all tills of checkout bank #2 to display STATE #42 as the default page at TENDER mode.

SSCB means: State Sale Checkout Bank.

STCB means: State Tender Checkout Bank.

Note: Overriding Tender Checkout bank will fail if you use the Total Key event to control the payment page. This method exists in some users and is now considered a system limitation. To use this feature, one needs to lose the Total Key Event and use the TENDER STATE event instead.

Full Touch on PoST

8.3.1 features an 800 x 600 touch screen with 65000 (and more) colors.

Menu buttons can contain:

- Pictures
- Text

The Numeric keypad is programmed via Front Office Maintenance

PoST Performance Improved

An improvement of approximately 30% given same hardware.

Large Total Pop-up

To POP UP a Large Balance Due message after Total Key is pressed. This is to ease the cashier operation required at this stage.

Beep on Promotion

Alerts the cashier with a special beep sound, when an item on promotion is sold.

- Create a credit program that will give the alert beep.
- Set this credit program for sound effects (beep only).

- Link promotions to this credit program.
- Result, triggered promotions, that are link to a sound effect credit program, will create an alert beep.
- Assumption: only promoted items can cause beep alerts.

The system can support link of many promotions to one sound effect credit program.

Consecutive Scan Display

The 'consecutive scan/item count' is a field on the PoS Screen, showing how many times a same product has been sold consecutively by scanning or manual entry.

Catalina Enhancements

The current Catalina messages cannot go through smart hubs. Catalina messages can be sent via global broadcast, although this will cause all stations to receive Catalina info. Therefore, global broadcast should be used only in smart hub environments.

xiNETix: Order Promotions

A customer a reward can now be given without forcing the shopper to buy a certain PLU or from a certain department — but purchase $X amount to get the reward.

Gift Vouchers

Gift Vouchers enable the shopper to purchase Gift Vouchers at the PoS and to assign them a redemption quantity, and then to use them as a normal tender at PoS. Gift vouchers will be printed with their amount at purchase time, and then at redemption time will be printed again for cancellation.

Club Card

At the beginning of the sale the message “Club Card” is prompted on the till. The cashier will type the shopper member card or will press enter to abort. If the club card is not presented, the following message will be printed on the Ticket:

```
“You Could Have Earned nnn Points”
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The Purpose of club card function is to enable the shopper to redeem Gift Vouchers at PoS. The Gift Voucher is built with two barcodes on it: the voucher number (EAN code starting with 24 and modules 10 check digit) and the club card number.

New Features — Office

email Receipt

Enables the shopper (the member card owner) to get a copy of their buying ticket by email. The mails will be sent at the online buying time or in the End Of Day.

Other Requirements: since Email uses standard infrastructure to send mail, there is a need for a mail server (MS-Exchange for example) be installed and maintained somewhere on the network.

At EOD a process in the store will connect to the mail server and will send all accumulated mails to the customers.

Centralized solution (Private Intranet/Internet): the store will be connected by a private Intranet WAN (no link to Internet, so no need for Firewalls etc.) A mail server will be installed in the center, with access to the Internet (firewall/proxy needed only there). Each store will have a mail account at the center mail server. The store will send the customers mail via the center mail server.

Another way (VPN): similar to the above, but the stores will be connected to the center via VPN (virtual private Network) i.e. the store will dial-up or WAN connect to an ISP to get to the internet (physically), but use logical private sessions to the center. May be cheaper than option 1. Commercial solutions are available like Checkpoint VPN etc. with good security.

The ISP must provide simple Internet access only (no mail services)

Another way (Internet only): each shop will have an Internet account at an ISP. The ISP should provide Internet access and Email account. Security must be addressed…(but if the link is used only for short time email sends it may not need firewalls etc.)

Here there is no need to maintain a central mail server since this is provided by the ISP.

New fields:

Two flags are added to Front off application (Member Maintenance)

A new Table is added – Email Send

User instructions:

Member Maintenance (Menu location = Promotion management @ member card maintenance)

Define the email customer that wants the receipt by email.

Mark the flag – "get receipt by email"

and enter the customer email address.

The following parameter should be off:

Pos parameters @ Member card promotions @ Member card number

[Member card number includes check digit]

After this shopper completes the purchase at the PoST, the user can send the emails from the send email screen.

Setting instructions must be done in order to use this feature. For setting instructions please see separate document called “NT configuration for ticket to e.doc”.

Non-Netted Promotions

Netted Discount: Discounts that are subtracted from the department revenue of the store.

Non-Netted Discount: Discounts that are subtracted from the department revenue of the store, typically those discounts are not sponsored by the store.

Purpose:

Retailers need the ability to distinguish how discounts are affecting the revenue regard netted and non-netted discounts.

Usage Scenarios:

Promotions: the retailer will set system parameters that define the default behavior of netting /non-netting on each promotion.

This default value will be displayed on the screen of the promotion maintenance application.

The user has the ability to override the defaults.

This information will be transfer to the PoS database.

The PoS terminal application should report in the transaction if the discount is netted or non-netted.

The transaction processing application will populate the relevant field base on this data.

The relevant report should display the database on the statistics and also report the non-netted discount values.

Frequent Shopper: the retailer will define system parameter how the frequent shopper discount should be reported netted or non-netted.

This information will be transferred to the PoS database.

The PoS terminal application should report on the frequent shopper transaction if the discount is netted or non.

The transaction processing application will populate the relevant field base on this data. The relevant report should display the database on the statistics and also report the non-netted discount values.

GUI:

Department Report:

Display the Non-netted discount based of the new columns in CUR/DAY_DEP_SALES.

Expanded Department Report: displays the Non-netted amount non netted quantity in the report between the following columns Net Of Discounts and returns

Itemized Check Report

Itemized Check Report by cashier\terminal should be available by cashier\terminal Selection or all cashiers.

This is in the same form as in Cashier Report – one or more cashiers can be selected.

Active Cashier Report

The report should represent each cashier that has been logged on in the current day.

View PLU Enhancement

The user can view details about specific item by clicking on the view icon.

The Fast PLU maintenance window pops up and the focus is on the PLU number field.

The user types the PLU number and the required PLU appears.

The focus is now returned to the PLU number and all text should be selected.

Change the current view option allows the use of the view option without the filter option.

Clicking on the view option opens the view of the Fast PLU maintenance single record with the ability to insert the item number.

After the required PLU appears, the item number is marked in blue, waiting for another item number to be typed in order to view it.

New Tab at PoS Cashier Declaration

A new tab is added that displays all pickups and loans done for the current period for the cashier being declared.

The tab has been added to Cashier Declaration and is called: Pickup & Loan.

Non-Add Department Sales

Can be set to not affect Item Count, Sales department sales summary report, and hourly productivity report.

Saved Transaction Report

Has been added from Save/Recall system

QDX to SQL Conversion Utility

The utility can handle large PLU tables.

Delete command is performed separately for each table instead of deleting all tables in one transaction.

The cashier checkout bank is added to delete list.

The field convert is fixed in the PLU table.

EOD can operate from MFS2

This requires systems that have IE4.

Changes in the Install Process

An automatic database upgrade utility has been developed.

This utility is called POSSQLUpgrade.exe

Until now, in order to upgrade the database packages scripts were running during the install.

Now FrontOff database is upgraded according to TemplateDB Database, which is provided during the install (New and Upgrade).

You must have the SQLMNT definition because the automatic upgrade reads the path to its backup directory from the registry definition of the SQLMNT.

NOTE: WITHOUT THE SQLMNT DEFINITION THE INSTALLATION UPGRADE WILL FAIL.

System Parameter Tree

The parameters of the System Parameter Tree have been divided into 8 main branches. Some branches include sub-branches.

The advantage of the 'FIND' function in the System Parameter Tree is to seamlessly search for specific parameters at each level, even when the specific location is unknown.

For the next release the entire process of updating the parameters will be improved by the following enhancements:

- An appropriate Float Frame will be linked to each parameter.
- The procedure of updating parameters will match each parameter type.
- Drop-Down lists will be compiled for all parameters, which are SQL and QDX tables-based.
- Each Float-Frame will include an explanation of the parameter, its affect on the system and on other parameters.

Promotions Setup

The Promotions setup methods and screens have been overhauled in Version 8.3.1 to make them easier to use.

New System Parameters

1. PLU Maintenance Inquiries

   Store managers may want to allow their staff to go into PLU maintenance for checking prices and different parameters, but to prohibit them from changing data (no insert / update / delete). The user is only allowed to select an item from grid or to key PLU number, and get the PLU maintenance single form..

2. Added a new system parameter to block the 'non-merchandise flag':

   "Prohibit manual changes to Non-Merchandise flag"his parameter will take affect at PLU maintenance and in PLU batch maintenance (Local changes) and not at the Fast aintenance's.

   If the above parameter is set, the 'non-merchandise flag' will be allowed to change only from host batches.

3. A few menu entries, that are not relevant anymore have been removed:

   - Under "Department Reports" there used to be a submenu with a call to V8 Sub-department reports plus 2 menu entries to call V7 Sub-department reports. This submenu has been removed and added an entry at the end of the "Department Reports" menu, to call Sub-department reports.
   - PoS Reports: removed "Net Sales" and "PoS Sales"

- Productivity - removed "PoST Excluded HP Report"
- V7 Front Office Parameters: removed "Printer Settings"
- Technical support: removed "Unzip PLU file"

Fields Enable/Disable

The purpose of this development is being able to configure the Office GUI in a way that some of the fields on the forms can be hidden to the user.

Due to the flexibility of the Office, there are a large number of fields on the forms, but many users implement a subset.

The ability to hide the fields on forms is given to Administrators when they logon under certain conditions.

It is expected that Administrators of most user sites will hide whatever is not relevant to them when they first receive this development. Then upon receipt of new code, they will scan the new features and decide what to hide from other users.

Automatic Office Log Off

The purpose of this function is to solve security problems. There is a requirement to disallow users with high-level of permissions to be logged-in to the application and not logged-off after completion of tasks. The application will be terminated after X minutes if the user did not move the mouse or press on any key at the active window. If there was any preview report and the focus was on the application then the report also will be closed. Before logoff the user will have 10 seconds to prevent this automatic logoff. The Auto log-off will take the user into a new session of the office application (Login screen).

PLU Delayed Deletion

This feature enables users to flag items for deletion and to keep them on the PLU table for several days before they are actually deleted. The idea is that after the item is flagged for deletion, it will remain on the database until X number of days without sales. System parameters will define how many days with zero sales must pass before item is actually deleted. There is a parameter for host-initiated deletion (host sending a PLU batch), and local deletion (PLU maintenance or local PLU batch file). A 3rd parameter tells the system after how many days to delete the PLU regardless of the number of zero-sale days. A report showing all items currently flagged for deletion is planned for a later version.

Banking Declaration Enhancement

Some enhancements have been made to the Bank Deposit function. They are meant to suit the needs of more users who wanted this function to work a little differently from how it operated in previous versions. These enhancements include changes on printed and History reports.

User Access Log

The User Access Log is a Tracking feature. It provides management with a record of menu entries accessed by each user.

Specific menu entries can be flagged for logging, and will appear on the log file once they have been accessed.

The number of days to be traced can be parameterized.

The Tracking feature provides management with an easy-to-use Queries and Report system, by which one can analyze the log file data.

The system presents all menu sections accordingly to the menu tree.

The User has the ability to choose the menu sections to which a tracking mark will be done.

Adding or deleting of tracking mark to any menu section will be inherited to all descendants.

Adding or deleting of trace mark will not be depending on user's menu type.

New Reports

Cashier Training Mode:

The Cashier Training Mode Report helps the store management monitor the effectiveness and performance of cashiers in training. Using this report, the manager can determine who are the skilful cashiers and which are less skillful. This is similar to the Cashier Performance Report, which works the same way except of course it works on non-training transactions.

Enhanced Bad Account:

Formerly, when users generate a report of Enhanced Bad Accounts, they get a list of all accounts. Since the list can hold thousands of records, this method of reporting may be unpractical. Now the user can select a range of records for which to report so the report shows just the records the user actually needs. In addition, the report should show the amount owing and the amount tendered for each account. One of the advantages of Enhanced Bad Accounts over Bad Accounts is the ability to maintain the amount the customer owes vs. the amounts the customer has paid back.

Extended Media Report:

The Extended Media Report provides not only the daily values of each tender, but also the contribution percent of each tender, and also shows in one report the daily, weekly, monthly, year totals for each tender.

Flash Sales and Sales Mix:

Flash Sales & Sales Mix is a new report that is used to show week-to-now plus today department sales. It also gives scanning statistics per department.

Net Department Sales Flash:

Net Department Sales Flash is a new report that is used to show week-to-now plus today department sales.

Office Cash Balance Report:

Office Cash Balance Report is a report that reflects the current safe status & lists all possible cash office functions. It shows money going into the safe from different sources (pickups, receipts, declarations, ROA), vs. money going out of the safe (Deposits, Payouts, loans, etc.) It also shows how much money is still to be declared, so it also provides a good picture of total amount of money expected to go into the safe.

Items Marked for Deletion Report:

Items Marked for Deletion Report is used to track all items that were marked for deletion, origin of deletion, and when they are expected for be physically deleted from the database

Cashier History Declarations:

The idea of this function is to enable the user to look for history declarations done for a specific cashier or PoS, in the current or previous period.

Cashier History Sign On and Location Reports:

These two reports are meant to help the store manager keep track on cashier sign-on and -off from terminals.

Currency Sizing – Reports:

ISS45 can now operate in countries where the currency exchange rate is thousands to 1 US dollar. This means that item prices can well be in hundred of thousands and even millions. Certain reports are now able to print large enough amount fields. The customers originally requested that amount fields on these reports will be wide enough to print in 15.2 format (e.g. 123,456,789,012,345.12). In some cases we will not do that: either not enough space on page or no sense in printing such big numbers. In such cases the amount has been expanded depending on the report.

Department Budget Planning:

The Department Budget Planning feature enables the store manager to plan ahead how much revenue they expect in each department. Planning is done per department per week. Reports show how much was taken in each department vs. the planned amount.

Department Exclusive/Inclusive Sales Report:

The Department Exclusive/Inclusive Sales Report is used to show department sales, exclusive of tax. In places where inclusive tax is used (the item price already includes the tax), the store management is interested in knowing the tax exclusive sales per each department and item, since their profit, mark-up and mark-down are based on the net price (exclusive of tax). This report shows for each department its inclusive sales, the tax, and the exclusive sales.

Department Sales Analysis report (DSA):

The Department Sales Analysis (DSA) is another department report, with the exception that the periods it reports are based on pre-programmed financial calendar. Some retailers report not by calendar, but by their financial year which can start on any date of the year. It does not have to be January 1st. The financial year is made of months. Each month consists of 4 or 5 weeks, and the total number of weeks must add up to 52 or 53.

Four-Digit Department Number

In order to support users implementing 4-digit Department IDs ISS45 now increments this field all over the Office application, including the screens, Reports and Batches.

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