



ISS 45

 *Release Notes & What's New*

ISS45 8.1.5.4-070



ISS45 Release Notes & What's New

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Introduction

Enhancements were recently made to the StoreNext ISS45 system. The changes are reflected in the accompanying ISS45 8.1.5.4-070 software. The Change Request Document (CRD) number assigned to each enhancement is listed in the description heading.

The Change Request Document (CRD) number assigned to each enhancement is listed in the description heading. Following the change description is an abbreviation (or combination thereof) of the ISS45 area affected:

(FO) – Front Office

(POS) – WinPOS

(Sys) – System / Services

These enhancements are explained in detail in the following pages and are not included in the latest Office Users Guide, WinPOS User Guide or Office Administrator's Reference. If you have any questions regarding this release, please contact StoreNext Support.

258422 – PIN Pad Phone Number Prompting and Capture (FO/POS)

New General System Parameters found in this release add support for customer phone number prompting at the PIN Pad and capturing those entries in the TLOG. The prompting can be performed automatically (at either the beginning or end of the ticket) or manually (through a new Keyboard Function). In previous releases, phone number entry (by either the cashier at the POS or customer at the PIN Pad) was used as an alternate lookup to locate the customer's Frequent Shopper number and that entry was not written to the TLOG.

Front Office

New Parameters

As part of this feature new parameters have been established. The following General System Parameters are located in the Store \ POST \ General folder.

Parameter	Explanation
Enable Capture of Customer Phone Number at POS	This parameter enables prompting for the customer phone number on the PIN Pad and/or Cashier Display. This can be triggered manually by a key function or automatically at the beginning or end of a sale.
Enable Capture of Customer Phone Number at POS at end of ticket	This parameter enables automatic prompting for customer phone number at the end of a sale (after total key is pressed), if the "Enable Capture of Customer Phone Number at POS" option is also turned on.
Enable Capture of Customer Phone Number on PIN Pad	This enables the customer to enter their phone number at the PIN Pad for the purposes of the Phone Number Capture feature, if the "Enable Capture of Customer Phone Number at POS" option is on.

Parameter	Explanation
Custom Description for Phone Number Capture	This parameter specifies the description used for prompting for a Phone Number. Note: If left blank, the default description "Enter 10 Digit Phone Number" will be used.
Enable Capture of Customer Phone Number at POS at Beginning of Ticket	This parameter enables automatic prompting for customer phone number at the beginning of a sale, if the "Enable Capture of Customer Phone Number at POS" option is also turned on.

New Keyboard Function

Keyboard Function 1454 "Phone Number Capture" has been added in this release to allow the cashier to either scan (or key-enter) the ID number at the POS Terminal or allow the consumer to key enter the ID number via the PIN Pad.

Keyboard Functions

Exit Report New Edit Delete Find

Go to: In Function Number Ascending

Function Number	Description
1050	Opt in Loyalty Club
1051	Opt out Loyalty Club
1052	Express POS
1053	Touch Alpha Keyboard
1055	Q-BUSTER
1064	Send to Q-Buster
1071	OTP CARD TRANSFER
1072	OTP POINTS ADJUST
1073	WIC Ticket Key
1081	Exit POS
1082	Back Office Menu
1083	Yes
1084	Clear
1086	Performance Test
1090	VCPN Modifier
1095	FORCE LOG OFF
1120	SERVICES
1139	SECONDARY ID
1140	MobiLime Loyalty
1174	PRICE_SHIFT_ONE
1175	PRICE_SHIFT_TWO
1176	PRICE_SHIFT_THREE
1297	EBT WIC Balance
1298	EBT WIC Certify Mode
1299	WIC CVV Sale Mode
1412	Loyalty Discount
1423	Manual Fuel Entry
1429	Reprint Receipt
1432	Accept
1433	Reject
1434	Suspend
1435	Toggle- App. msg
1438	Manual Databar entry
1441	Alt Customer Lookup
1444	Enter Fuel Voucher
1448	Consumer ID Number
1454	Phone Number Capture

New Phone Number Capture Keyboard Function

Note:

It is the store's responsibility to add Keyboard Function 1454 to the Menusys.mac/xml file for cashier selection at the POS.

POS

If the new General System Parameters “Enable Capture of Customer Phone Number at POS”, “Enable Capture of Customer Phone Number on PIN Pad” and “Enable Capture of Customer Phone Number at POS at Beginning of Ticket” are all set to “Yes”, the POS will:

- Automatically prompt for the entry of a 10-digit Phone Number at the PIN Pad if the PIN Pad is available (or on the Cashier Display if the PIN Pad is not available) at the beginning of the ticket.

Note:

The prompt occurs before any related Frequent Shopper-related prompts are issued.

If the new General System Parameters “Enable Capture of Customer Phone Number at POS”, “Enable Capture of Customer Phone Number on PIN Pad” and “Enable Capture of Customer Phone Number at POS at End of Ticket” are all set to “Yes”, the POS will:

- Automatically prompt for the entry of a 10-digit Phone Number at the PIN Pad if the PIN Pad is available (or on the Cashier Display if the PIN Pad is not available) after the ticket is totaled.

Regardless of when the phone number is prompted – automatically or manually if prompted using Keyboard Function 1454:

- The General System Parameter “Custom Description for Phone Number Capture” will be used for prompting for phone number entry at the PIN Pad.
- If the customer enters a phone number, the phone number entered is written to the TLOG using the new Information Transaction (see page 11).
 - If multiple phone numbers are prompted for and entered in a transaction, only the last one entered is written to the TLOG.
- If the cancel is pressed at the PIN Pad during phone number entry, the entry is skipped and the phone number written to the TLOG will be 999-999-9999.
- If either the customer or cashier enters a phone number that is less than or greater than 10 digits, the POS issues an error message that an invalid phone number was entered and asks for the entry again.

273302 – Smart Card WIC PIN Pad Messaging (POS)

In sites using Smart Card WIC EBT, if the tendered Online WIC EBT card has no benefits (i.e. all benefits have been depleted to 0), the PIN Pad will now display the “All Current WIC Used” message to the customer.

274482 – Magazine Issue Number Capture (FO/POS)

ISS45 now has the ability to read the issue number printed on a magazine's barcode to track the issue of the magazine is being sold and capture it in the TLOG file.

In previous releases, only the magazine's UPC-A barcode was scanned and its supplemental 2-digit (Issue Number) barcode was ignored. Until now the magazine's barcode and issue number were not recorded in the TLOG.

Barcodes for U.S. based magazines typically contains a twelve digit Universal Price Code (UPC) number, followed by a second barcode containing a 2-digit issue number. The barcodes are broken down in the following the following:

- 1) 2-digit Number System character, usually a "0" or "7"
- 2) 5-digit Vendor ID number
- 3) 5-digit Bipad or Product ID number
- 4) 1-digit Check Digit Number
- 5) 2-digit Issue Number

For example, a magazine barcode of "0-71486-02555-9-12", "0" is the Number System character, "71486" is the Vendor ID, "02555" is the Bipad number, "9" is the Check-Digit number and "12" is the Issue Number.

Note:

The 2-digit issue number varies with the issue published in a given year. For example a monthly magazine typically makes use of the issue numbers 01 through 12 for each of the 12 months of the year. Similarly, a bi-monthly makes use of the numbers 01, 02, 03, 04, 05, 06. A special issue, such as a buyer's guide or annual can be assigned the next number in sequence. For example, "13" may be assigned for a monthly special issue or "07" for a bi-monthly special issue. An issue number must be unique during a given year but can be repeated in subsequent years.

Front Office

Barcode Programming Maintenance

In support of this feature, a new Barcode Type of “Publication” has been added to the Database Management folder’s Barcode Programming Maintenance Application:

The screenshot shows the 'Barcode Programming' application window. The 'Basic Setup' tab is active. The 'Barcode Type' dropdown menu is set to 'Publication'. A callout box with an arrow points to this dropdown, containing the text 'Barcode Type of "Publication"'. Other fields include 'Barcode Prefix From' (071400), 'Barcode Prefix To' (071499), 'Barcode Length' (14), 'Description' (Sports Magazine), 'Reference No.' (0), 'Field Type 1' (PLU Number), 'Field Type 2' (Check Digit), and 'Field Type 3' (Issue Number).

The following fields appears in Barcode Programming Screen for Barcode Types of “Publication”:

Field	Description
Field Type (1 through 3)	For Barcode Types of Publication , click the field’s selection arrow and select one of the following three fields to assign to a barcode field segment: PLU Number, Check Digit or Issue Number.

Note:

The Field Types must be setup in the order in which they appear in the barcode, which will be validated by ensuring the Offsets are in the proper order. The value in any one Field Type field cannot appear in another Field Type field.

Field	Description
Offset (1 through 3)	<p>For Barcode Types of Publication, enter the number of positions (from the first position), that contain the PLU Number, Check Digit or Issue Number.</p> <p>Note: The Offset/Length values for one Field Type cannot overlap with the Offset/Length values for another Field Type.</p>
Length (1 through 3)	<p>For Barcode Types of Publication, beginning with the Value Offset (above), enter the number of positions that contain the PLU Number, Check Digit or Issue Number of the corresponding Field Type (1 through 3).</p> <p>Note: The value of all Length fields added together cannot be greater than the value in the Barcode Length field.</p>

POS

When a cashier scans a magazine's barcode and the scanner is programmed to read the supplemental barcode, the POS will retrieve the entire barcode, including the issue number. If a matching publication barcode is found (as defined in Barcode Programming Maintenance), the PLU, Check Digit (if applicable) and Issue Number are extracted from the barcode and written to the TLOG through the PLU Sale Extension Record (0x11) transaction.

Note:

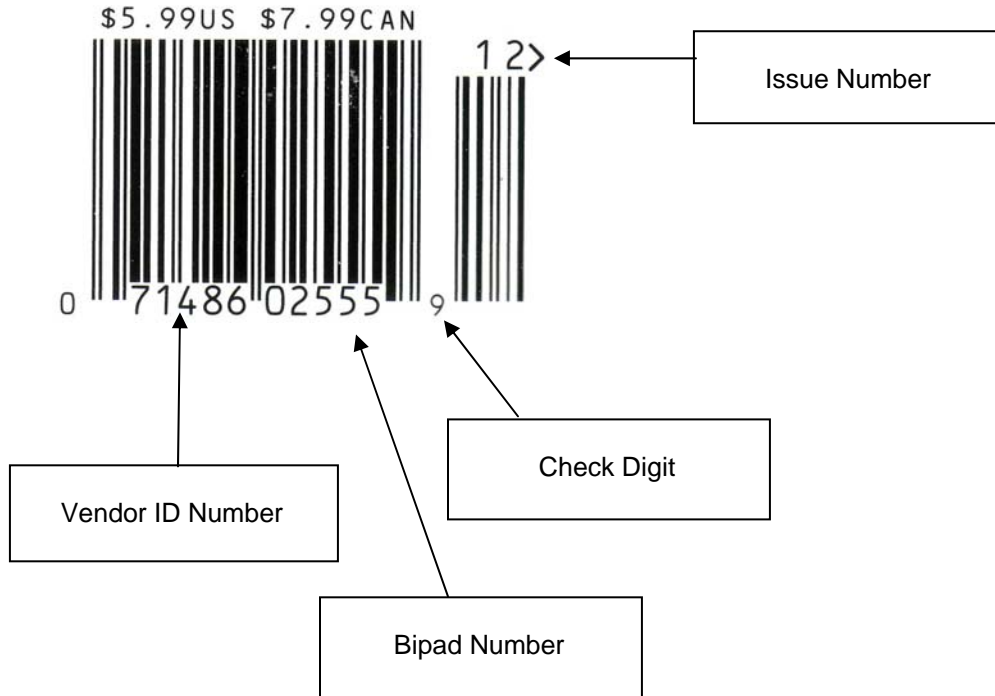
It is the store's responsibility to program the scanners to read the supplemental barcode format.

Note:

Manual entry of the supplemental barcode (2-digit issue number) is not supported.

Barcode Example

Below is an example of a magazine's supplemental barcode:



Technical Reference Appendix

New TLOG Information Transaction

The layout of the new Phone Number capture Transaction (0x70 0x8F) is as follows:

Bytes	From	To	Data	Bits	Explanation
1	0	1	Opcode		70 – Log Information Trans Info 2
1	1	2	Function		0x8F
1	2	3	Flag	Bit 0	Phone Number entered by Customer
				Bit 1	Not Used
				Bit 2	Not Used
				Bit 3	Not Used
				Bit 4	Not Used
				Bit 5	Not Used
				Bit 6	Not Used
				Bit 7	Not Used
10	3	13	Phone Number		
31	13	44	Reserved		
20	44	64	Tail		

Out of Scope

Limitations of new features in this release are listed below (and were not addressed in development).

Note:

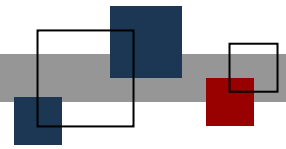
The limitations below are known as of this writing, and are provided in order to assist users and support personnel to plan, install and operate the capabilities described in this document. While StoreNext Retail Technologies LLC endeavors to ensure that this information is correct and fairly stated, no attempt is made here to catalog all limitations that could be construed or that may become known in the course of use or experience.

FSD Number	Enhancement	Out of Scope
258422	PIN Pad Phone Number Prompting and Capture	PIN Pad Phone Number Prompting and Capture is available for the current release only (and will not be made compatible with previous ISS45 releases).
274482	Magazine Issue Number Capture	Magazine Issue Number Capture is available for the current release only (and will not be made compatible with previous ISS45 releases).

Dependencies

Dependencies to utilize new features in this release are listed below.

FSD Number	Enhancement	Dependencies
258422	PIN Pad Phone Number Lookup and Capture	<ol style="list-style-type: none">1. MTXEPS Connected Payments or MTXEPS WinEPS (in order to capture the Phone Number at the PIN Pad.)



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