



**Partner**

## ISS45 Version 7.3.1

MB-ISS45-1103  
October 9, 1996

ICL is very pleased to announce the upcoming general release of **ISS45** Version 7.3.1. This product represents a full General Release, and includes enhancements and modifications throughout both the PoS and Office functions. New driver sets allow the software to be run on a variety of PoS terminal platforms. New user manuals and guides are simultaneously released as well as a new software protection system to prevent end-user piracy.

### RELEASE TIMING

Version 7.3.1 has been delayed from the previous September date until late October. At the date of this bulletin, the system is in final validation. Diskettes will be produced upon release and will be mailed to all *RETAILpartners* in good standing.

### NEW PLATFORMS

ISS45 can now be operated on several new platforms:

- **NCR 7450:** Includes DynaKey support. Use the RS-232 version of the 7156 printer.
- **IBM 4694:** Models -044 and -144. Details to be provided with 7.3.1 SDD.
- **Seimens-Nixdorf "Beetle":** Models 4L and 60. Details with 7.3.1 SDD.
- **Pieces & Parts:** Details to be provided with 7.3.1 SDD.
- **SNI-Key:** This is an advanced full-color touch-screen with full-travel keys, comparing very favorably against competition such as the DynaKey. The product is available on the market, and ICL will stock and support this product given sufficient demand.

Software driver sets for any of these products are available without charge from ICL.

### NEW FEATURES

7.3.1 provides the following new features:

- **Advanced Promotions System:** This is a billable option that provides a new suite of promotion types, including powerful linked offers, savings on a group of items, frequent shopper points, etc. These promotions are optionally tied to a complete membership system, and credit cards or numbers may also be defined to behave as Member cards. Member card holders become eligible for various promotions (Member Promotions) and are rewarded with either points or discounts. Different types of promotions can be defined, with various levels and type of reward.

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All the promotions can work with both standard PLUs and random-weight items. Batch files can be used to store and communicate the promotions. In version 7.3.1, all shoppers will receive the benefits, but an enhancement in the upcoming 7.3.2 patch release can optionally tie any single promotion to Frequent Shopper status so that **only** Frequent Shoppers can receive the rewards.

A “Member Card” Frequent Shopper system is attached to these promotions. Points are accumulated and the status can be printed (parameterized, of course) on the receipt — even the nasty “You Would’ve Saved...” message. Credit cards or other types of cards can be used to double as Member Cards.

There are various schemes which can be set up for allocation and recording of points, and points may even be used as partial tender. The system includes parameters for minimum and special bonus purchase requirements, time-of-day controls, day-of-week controls, trigger types, receipt printing controls, etc.

An application can be used at host or in-store to maintain the member records, and the system parameters screens have been enhanced to control this membership and promotions system.

The new promotion types include:

- **Immediate Promotions:** This is an “instant” promotion (not using a batch file) which is set up and automatically self-cancels at end-of-day. Either standard PLU or random weight items can be used. The shopper benefit is a reduced price, and either item count or order total purchase requirements can be set. Promotion details appear on the receipt, and the promotion itself can be set to a PLU number with a push-button on the setup screen.
- **Enhanced Promotions:** This promotion type is similar to the Immediate Promotion, but the Enhanced version (and all the other types described below) can be set up in batch files and communicated to the store. The Enhanced Promotion carries a start and end date, and the discount can be accumulated to any specified department for accounting purposes. When setting up, there’s a push-button on the screen which will show all PLUs with items on promotion.
- **Group Promotions:** Here is the way to set up linked item promotions with great flexibility. For the shopper to qualify for the discount, the user defines how many items must be purchased from a “group” of specified items. Up to three groups may be used within a promotion, so you can require the shopper to purchase one (or more) items from three separate groups. Again, PLUs on promotion can be listed via a push-button.
- **Order Promotions:** This system sets up schemes by which shoppers can earn points or discounts by purchasing minimum amounts and quantities of items or items within departments. The savings and details are printed at end-of-receipt.
- **Order/Levels Promotions:** This system allows for different percentages or dollars off the order based upon five tiers of purchase activity.
- **Order/Group Promotions:** This gets pretty wild. I’m not going to be able to describe it adequately here, so you’ll have to experiment with the actual software. A short description: you set up groups of items or departments, and set parameter requirements for each of them to qualify for points, item discounts or percentages off in tiers, and in combination with the other groups.
- **2 x 20 Keyboard Checker Display:** This optional keyboard display can be added to the 92R keyboard and provides the checker with exactly the same output as is displayed on the optional 2 x 20 Shopper display.

- **24-Hour Operation:** This major enhancement allows full and uninterrupted checkout functions during End-Of-Day. Any transactions in process when EOD starts will accrue to the next day's business.
- **Automated End-Of-Day:** This new feature allows stores to pre-program EOD start times and dates and run EOD at any time during trading hours. The setup is very flexible: EOD can be programmed to start at different times during different days, and there is even a date table when special days (for example, Holidays) can be programmed to run at different times. Between this feature and the new 24-hour operation capabilities, ISS45 now has the best and easiest to use automated 24-hour trading system in PoS.
- **Basket Analysis Reports:** This new series of history reports show the number of customer purchases for pre-defined spending ranges. For example, customers that bought from \$50 — \$100 could be analyzed.
- **Batch Maintenance Enhancements:** Screens now include all fields from the PLU Maintenance screen. In addition PLU information can be seen from the Batch Maintenance screen with a single keystroke.
- **Bonus Coupons:** New options can now define a ceiling amount for coupons, plus specify an "additional amount" beyond the ceiling amount. For example, a grocer can now offer triple coupons with a limit of the total coupon amount of \$1.50. Another parameter can set an additional amount above and beyond the coupon multiplier: e.g. "Double Coupons + 25 cents". Along with the options already existing, ISS45 could even do 2.50 x face value below one amount and 1.75 x other face value plus 10 cents subject to a limit of \$2.00 (and then allow these bonuses on Tuesdays and Wednesdays only).
- **Card Daily Additional Templates:** The check authorization system has been enhanced with additional templates to allow a single customer to have different parameters set for different kinds of checks. For example, you may now handle a payroll check with different limit and frequency parameters from a personal check.
- **Cash in Drawer Lockouts:** Minimum and maximum amounts for cash-in-drawer can be set, as well control checks specified.
- **Cashier Declarations at POS level:** Declarations can now be made at the POS terminal. Amounts declared at the terminal automatically update the office. Additional declarations can still be made at the office. A new parameter has been added to allow declarations for cashiers and terminals which were not signed-on during a period.
- **Check Fee:** This new option allows the grocer to add a check fee along with the tender purchase and cash-back functions.
- **Check Listing Report:** This real-time report runs at the back office and provides check transaction information.
- **Check Log Report at Pickup:** The POS terminal can now print a list of checks in addition to a summary of all tenders which were picked up.
- **Convert Transaction File to ASCII:** Customizers will love this one! This routine converts the system transaction into standard ASCII format at end-of-day. This makes it easy to pull the complete detailed log into databases for any purpose.
- **Coupon Printing on Amount:** Enables coupon printing to be triggered by the shopper meeting a specified transaction amount - for example "Buy \$100 and get a Thanksgiving Turkey for \$1". This adds to the coupon printing currently triggered by item or department purchase/non-purchase.
- **Department Report at POS Terminal:** A summary and detailed department sales report is now available from the terminal.

- **Drawer Open Alarm at Sign-off:** This new parameter triggers the drawer-open alarm after a cashier signs-off.
- **Electronic Journal Enhancement:** This is great: you can now specify multiple logs/files and analyze them at once. For example, you could specify an entire week, or the last six Fridays and search them just as you previously could search a single day. The statistics analysis works too.
- **Enhanced Control Checks:** New options are added for the operator.
- **Enhanced Debit/Credit Card Range Support:** New functions have been added here, including service codes.
- **General Void:** This feature detects all possible voidable elements in an order and shows them as a menu on the checker's monitor. The options available for voiding depend on the terminal's current mode.
- **Hourly Productivity by Department:** This report is now available in real time. You no longer have to wait for end-of-day to get this report.
- **Money Denomination Control:** For the cashier, safe and office declarations, this option allows a definition of all the specific bills types and coins in use. This makes cashier declarations quicker and easier.
- **Paid Outs and Received-on-Accounts:** An extra tender is now available at the PoS terminal, and operators can choose either cash for Paid-Outs/ROAs, or an alternate tender previously defined in the back office.
- **PLU Maintenance Screen:** It now contains promotion details. The manager can now see when an item is on promotion, and the promotion details without having to go to the promotion options screen.
- **PLU Not-on-File Slip:** The PoS printer can now print a slip with PLUs which were scanned but not found in the system. Cashiers must enter the item's department and price when checking out the item, and then a separate slip prints after the customer receipt which details the PLU number and department plus a space for the item's description to be filled in. Later, the slip is used to update the system with the item or resolve the discrepancy.
- **POS Back Office Menus:** A new Supervisor Menu option has been added to the Design PoS Menus program.
- **Terminal Accountability:** As opposed to cashier accountability, this option allows several cashiers to work on a terminal, and the accountability is reported by this terminal. In general, the Cashier Accountability option provides more detail and better cash security, but where security is not an issue, Terminal Accountability will save lots of time in the cash office. Various features including pickups, declarations and locking, plus a full set of reports are available with this feature.
- **PoS Alerts System:** This new feature allows you to define messages and link them to events on either the PoS terminals or back room. Parameter driven, these alerts then appear real-time when conditions warrant: for example, warning when a cash drawer is nearing limit, or if there are password violations, power failures, etc.
- **Reports:** Many new statistical and performance reports have been added to ISS45 in 7.3.1.
- **Revalidate Slips:** If a slip validation is not successfully completed on the first try, this feature allows cashiers to retry the printing of the slip.
- **Service Codes in a Card Range:** Use this new feature to enhance control of credit and debit card acceptance and operation.
- **System Integrity Monitoring:** This function, available in System Parameters, allows the system to continuously and automatically check the PLU and other files for discrepancies.

The option checks files on the PoS terminal and, according to parameter settings, loads updated files in either background or foreground. As part of this feature, users can set up files to be processed by the QDX Files Checksum utility.

- **Tax Options:** Parameters are now included to allow the cashier to input a specific tax rate. Applies to Tax Exempt and Tax Reverse.
- **Terminal Include/Exclude option:** You may now specify which POS terminals to include or exclude for the Hourly productivity report. This makes it easy to disqualify peripheral terminals or express lanes if desired.
- **Weight Display on CRT:** The scale's weight display is now available for display on the PoS monitor. This means that the remote weight display on the scanner is no longer needed if the monitor is properly visible to the shopper.
- **WIC Automation Options:** Two new parameters have been added to allow an input prompt for the WIC issue date and/or the validity period of the coupon.

## CUSTOMIZATION TOOLS

New ISS45 Presentation Manager (IPM) and IQL (ISS45 Query Language) versions have been developed and are required for 7.3.1. The ISS45 API and CustomLink tools remain unchanged. RETAILpartners who have purchased the **ISS45** Customization Tools will automatically receive the new IPM and IQL versions for Version 7.3.1.

## DOCUMENTATION

New versions of the Back Office, POS, Installation, Electronic Journal, Files Technical Reference and DRVFILE Technical reference have been published. One set of all new or updated manuals will be sent with the updated software. New IPM and IQL manuals are in development and these will be sent upon completion to RETAILpartners who have purchased the ISS45 Customization Tools.

## SOFTWARE SECURITY

The Key Control security system described in previous bulletins is implemented in Version 7.3.1. In order to operate, 7.3.1 requires a System Control Key to be installed on the LPT1 port of each ISS45 File Server. If the Key is not installed, the MFS will not complete its boot routine. The key also controls the number of Terminals and workstations, and permits the operation of billable options. The Keys are transparent to all other software and will not inhibit the use of LPT1 for use with an OPC, printers or other function. There is no charge for these devices.

A set of two "Master" Keys will be sent to for each Start-Up Kit the RETAILpartner has purchased. A Master Key provides authorization for the Controller Service, 99 terminals and workstations and all options. The Master will allow the RETAILpartner to demonstrate all facets of the ISS45 system, plus they provide emergency backup for sites.

When a new system is ordered from ICL, a set of Keys programmed to match the order for software licenses is shipped with the system. The Keys are linked to the order for the ISS45 Controller Service and are programmed to include the number of terminals, workstations and options appearing on the Sales Order. Each Key bears a serial number (mirroring the serial number programmed into the key) for future reference and upgrade capabilities.

If additional terminals or options are added or ordered, the serial numbers of the existing Keys are provided with the Sales Order to ICL. ICL will then retrieve the options programmed into the Keys and program a new set of Keys with the upgraded capabilities. The RETAILpartner must return the original Keys within 30 days to avoid being charged again for the software.

Note that Keys will be required to operate a previously installed ISS45 site when it is upgraded to 7.3.1. There is no charge for these Keys but they must be ordered using the PIN below. This PIN is **not** required when ordering additional terminals or options to upgrade existing stores. **All Sales Orders for 45180/043 must include the attached Software Key Information Form in order to be accepted. This form must also accompany all orders for ISS45 software upgrades.**

PIN	Item	Price	Inst	Maint
45180/043	Control Keys for 7.1 or 7.2 Upgrade to 7.3	N/C	N/A	N/A

#### ISS45 SOFTWARE AND OPTION SUMMARY

PIN	Item	Price	Inst	Maint
44555/001	ISS45 Controller Service Software, includes licenses for server, accounting, reporting, file management and Remote Operator. Includes copy of POS, Back Office and Electronic Journal user guides, and control Keys. One required per store system.	\$ 3,195	\$ 400	\$ 895
45455/001	ISS45 POS Software, 1-12 terminals. Includes Terminal POS functions. License only, one required per POS terminal up through 12th terminal. Also used for ordering additional licenses (e.g. for store expansion) regardless of lane count. See note 1 below.	595	60	75
45455/013	ISS45 POS Software, 13+ terminals. Includes Terminal POS functions. License only, one required per POS terminal for all above 12th terminal. (NOTE: ICL will not accept an order for this PIN unless quantity 12 of 45455/001 appears on the same sales order. See note below.)	295	60	75
45445/001	ISS45 LAN Software, includes networking operations. License only, one required per POS terminal.	295	N/A	N/A
SD01602E	DOS 6.2 software and documentation, one required per Terminal, Server or Workstation unless included in package with server or workstation PC	80	N/A	12
46865/003	PCCS Kit for ISS45. Includes 46865/001 PCCS Software Only and POSCOM Intelligent Binary Synchronous Card. Bisynch modem required.	1,695	150	250
46865/001	PCCS Software Only for ISS45 or RPS/Supermarket 6.4	395	100	90
45025/001	SIL for ISS45 or RPS/Supermarket	595	100	90

<sup>1</sup> For example, if you had a store with 16 terminals, you would order quantity 12 of 45455/001 and quantity 4 of 45455/013. If the user adds two terminals a few months later, you would order quantity 2 of 45455/001 to augment the lane count. The LAN software has a single price across all lane counts of \$295, and must be ordered one per lane regardless of quantity.

<b>PIN</b>	<b>Item</b>	<b>Price</b>	<b>Inst</b>	<b>Maint</b>
40304/KIT	ISS45 Workstation Kit. Includes Ethernet Card, LAN software license, workstation software license	\$ 695	\$ 150	\$ 70
44455/001	ISS45 Query Language Software — Runtime License Only	795	45	80
45180/007	ISS45 APT Vision Value Merchandising Interface — Runtime License	995	400	100
45180/013	ISS45 Info-Scan Software — Runtime License per workstation	495	100	75
45180/015	ISS45 PINnacle Payments — Interface Only	795	400	100
45180/017	ISS45 Concord Payments — Interface Only	795	400	100
45180/019	ISS45 Catalina — Interface Only (Requires 7.3)	795	200	100
45180/021	ISS45 PayPath — Interface Only (Requires 7.3)	795	400	100
45180/025	ISS45 Back Office Option Package: FM Shelf Wizard™ Validation, Shelf Wizard Label Printing, Electronic Price Book (Requires 7.3)	2,495	300	300
45180/027	ISS45 Frequent Shopper Express™ Option (Requires 7.3)	2,495	300	200
45180/029	ISS45 Back Office Plus Frequent Shopper Express Option Package	3,495	500	400
45180/031	ISS45 Express™ Controller Service Replication Option	1,995	400	300
45180/033	ISS45 Express Coupon Family Code Validation Option	795	200	100
45180/035	ISS45 Express Bonus Coupon Option	495	200	100
45180/037	ISS45 Express Safe Accounting Option	795	200	100
45180/039	ISS45 Express Software Upgrade to Standard ISS45. See Note 2.	2,995	400	N/A
45180/045	ISS45 Advanced Promotions and Member Card System	895	100	100

To Your Success,

*Tony*

*Tony van Seventer*  
*Director: Supermarket Systems*

<sup>2</sup> Regardless of 2-Lane, 3-Lane or 4-Lane configuration. This price does not include hardware. Note that OPCs will need to be purchased for NRT support, and that printers will need to be traded out for a model which supports slip validation and check printing if these features are to be used.



## ISS45 Software Key Information Form

In order for the no charge order for upgrade keys to be processed, the following information must be provided with every order of 45180/043 or when upgrading a store with new billable software options. This form is **NOT** required for orders of ISS45 software for new stores.

Original Sales Order Number:	
Subsequent or add-on Sales Order Numbers:	
Ship Date of Original Sales Order:	
Number of POS Terminals (45455/001 and /013):	
Number of Workstations (40304/KIT):	
Query Language (44455/001) — Y/N:	
APT Vision Value (45180/007) — Y/N:	
Info-Scan (45180/013) — Y/N:	
PINnacle I/F (45180/015) — Y/N:	
Concord I/F (45180/017) — Y/N:	
Catalina I/F (45180/019) — Y/N:	
PayPath I/F (45180/021) — Y/N:	
Back Office Options (45180/025 or /029) — Y/N:	
Frequent Shopper <i>Express</i> (45180/027 or /029) — Y/N:	
ISS45 <i>Express</i> C/S Replication (45180/031) — Y/N:	
ISS45 <i>Express</i> Family Code Validation (45180/033) — Y/N:	
ISS45 <i>Express</i> Bonus Coupon Option (45180/035) — Y/N:	
ISS45 <i>Express</i> Safe Accounting Option (45180/037) — Y/N:	
Serial Number of currently installed Key #1:	
Serial Number of currently installed Key #2:	

Customer (Direct Accounts) or RETAILpartner Name: \_\_\_\_\_

Bill-To Number: \_\_\_\_\_

This Sales Order Number (supplied by ICL): \_\_\_\_\_