



Partner

ISS45 7.4 for Windows NT and DOS

MB-ISS45-1122

June 20, 1997

ICL is pleased to announce the release of **ISS45** Version 7.4. This product is now in final validation, and will be shipped to all **RETAILpartners** the first or second week of July 1997.

ISS45 7.4 offers several new features and supports new platforms as well as providing maintenance for earlier versions. Key enhancements include:

- Native Microsoft NT operation,
- Year 2000 compliance,
- New Advanced Promotion enhancements,
- The **ISS45** Electronic Library: complete electronic documentation for **ISS45 7.4** on a CD-ROM,
- Support for additional IBM, NCR and SNI Beetle terminal platforms.

NEW FEATURES, PLATFORMS AND ENHANCEMENTS

- **NT 4.0 is fully supported:** A new systems layer has been written with a full 32-bit implementation, and **ISS45** operates as a native NT "service." This means that the **ISS45** transaction processing system runs in the lowest, high-performance areas of Windows NT, and that the **ISS45** system can't be terminated by deleting or closing an icon. Several areas of back office performance are improved (compared to 7.4 running on the same DOS machine) due to the 32-bit nature of the **ISS45** software.

To limit variations in the support of **ISS45** software on NT, it is required for the first few months that **ISS45** users installing on NT use the ICL 5094NC PC with pre-loaded NT. This is being offered at the very reasonable price of \$2,195 (list) for a 166MHz Pentium, 16MB RAM, 1.6GB HDD, CD-ROM and pre-loaded Windows NT. An additional 16MB of RAM must be configured with the PC for a total of 32MB.

Please note that a graphical user interface and SQL database with ODBC will only be provided in **ISS45** Version 8.

- **New Platform Support:** In total, **ISS45** can now support IBM 4694 and SureOne terminals, NCR 7450, 7452, 7453 and 7445/Falcon, and Beetle 20, 50, 60 and 4L. Please see the **ISS45 7.4** Software Description Document (SDD) for complete information.
- **Year 2000:** Version 7.4 is fully Year 2000 Compliant.
- **Trading Stamps:** Special Trading Stamp capabilities have been added to the Advanced Promotions option. As usual, there are many ways to use this feature:

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setup parameters include the amount required to earn each stamp, whether this amount is pre/post coupon deductions, excluded departments and/or items, and multiple/bonus stamp options and controls. At the end of the order, the cashier is notified of the stamps earned and this number is placed on the receipt according to a template.

- **BOGOs:** Buy-One-Get-One-Free can now be selected as the reward type for the Order Promotions area of the Advanced Promotions option. You can specify BOGO as a new reward type, with specifications for quantities to qualify and quantities to give, rules to give the low-price or high-price items, maximum reward level and purchase requirements. When the customer earns the BOGO, it's printed on the receipt; the discount is taken at end-of-order.
- **Shopper Name with Advanced Promotions:** The shopper's name can be retrieved from the Advanced Promotions system and (depending upon parameters) can be displayed on the CRT, 2x20 display and/or the receipt. This can be used to enhance customer service since the clerk will be able to recognize the shopper by name. The shopper's point totals can also be printed on the receipt.
- **Cashier Name:** A parameter can now cause the cashier's name can now be printed on the receipt to further promote customer service.
- **Tax Report:** A new parameter can link the Tax Report to the PoS Report at End-of-Day. This parameter can also print the header of the report on the audit in sign-on/off.
- **Net Sales:** A new parameter can set the various promotions from the Advanced Promotions option to not affect net sales.
- **SIL:** (Standard Interchange Language) has been significantly upgraded and re-released. The user interface has been completely revamped to be consistent with the **ISS45** back office, and promotions are now fully supported within the restrictions of the SIL standard itself. All known bugs have been cleared.
- **PCCS/BHCS:** A new version of the PCCS system enabling NT communications with BHCS is in development. We hope to have this released simultaneously with the 7.4 system. The current PCCS running with 7.3 supports 7.4 without modification for DOS.
- **LoadMaker™:** Enhancements have been made to the LoadMaker, which is used for creating DOS loads. NT installations are performed directly from the CD-ROM.
- **Extracts:** New data extracts are available in ASCII, including promotions and performance. These roughly parallel the S18 EXCP and PACF extractions respectively.

Complete information regarding the new features and functions can be found in the **ISS45** Release Notes, a User Guide published with **ISS45** 7.4 and the **ISS45** Electronic Library (see below). In addition, the **ISS45** 7.4 Software Description Document provides additional detail regarding the 7.4 release.

CUSTOMIZATION AND DEVELOPMENT

The **ISS45** API has been released in an NT version for applications running on Windows NT. The applications using the previous DOS API can simply re-link with the NT API, and in most cases no additional engineering will be required. Applications running on a DOS Workstation PC will not need to re-link. The **ISS45** API for DOS has not been changed between **ISS45** 7.3 and 7.4. Both the DOS and NT versions of the API are now provided on the **ISS45** 7.4 master CD-ROM to improve accessibility.

The **ISS45** CustomLink and **ISS45** Presentation Manager libraries released to support **ISS45** 7.3 require no modification for 7.4. These have been provided to all qualified personnel and those dealers and developers who have purchased the **ISS45** Customization Tool Set.

There are no changes to the **ISS45** Query Language with the release of 7.4.

DOCUMENTATION AND THE ISS45 ELECTRONIC LIBRARY

System documentation has always been an **ISS45** strong point, but with 7.4 we're taking it to new levels. The **ISS45 Electronic Library** provides all **ISS45** User Guides and Reference documentation on a special CD-ROM, and it's being released along with the system software. It's set up with locators and point-and-click cross references for immediate location of critical information across all 18 (👉 👈 Count Them, eighteen! * * *) **ISS45** manuals. The **ISS45** Electronic Library will be of particular interest to your support personnel who will now be able to instantly locate key **ISS45** information regardless of the manual in which it was originally published.

The new CD-ROM will come with the Adobe Acrobat reader, which provides facilities for locating, viewing and printing the **ISS45** documentation. You are able to print out entire manuals if you desire, or just a page or two as needed.

One copy of the **ISS45** Electronic Library will be provided with every master copy of **ISS45** 7.4. Additional copies may be purchased separately as required under PIN 45001/022 at \$45.

New documentation for **ISS45** 7.4 includes:

- **ISS45** 7.4 Release Notes, explaining the updated capabilities of **ISS45** 7.4 in user guide format. One hard copy of this is shipped with every copy of the master 7.4 CD-ROM or purchase of the **ISS45** Controller Service license.
- A new **ISS45** 7.4 Installation Guide for NT. This is published in the **ISS45** Electronic Library only.
- An updated **ISS45** 7.4 Installation Guide for DOS. This is published in the **ISS45** Electronic Library only.
- An updated **ISS45** LoadMaker Reference, containing information on how to install and use the **ISS45** 7.4.0 LoadMaker for DOS installations. This is published in the **ISS45** Electronic Library only.
- The Software Description Document, with detailed key information about the release. This is shipped with every copy of the master **ISS45** 7.4 CD-ROM.
- A README file with last-minute information regarding the 7.4 release is provided in the root directory of the master CD-ROM.

ISS45 store orders now ship with one copy each of the PoS User Guide, the Back Office User Guide, The Electronic Journal User Guide, the 7.3.2 Release Notes and the 7.4 Release Notes.

UPGRADES AND MAINTENANCE

Every effort has been made in the design of **ISS45** 7.4 to simplify the installation of 7.4 for maintenance and upgrades.

- An enhanced upgrade system allows direct upgrades from Version 7.3.2 or 7.3.2a.
- An import system protects screen, template, menu and alert customization by bringing in only the required changes, not the entire modules. The customized areas can be checked and modified if necessary, then added to the installation batch files for automatic implementation at either PoS or back office.

CONTROL KEYS

There are no additional requirements or changes to the control keys used with 7.4. Control keys for 7.3 will work with 7.4 without modification.

Please see Marketing Bulletin #1013 for additional information regarding **ISS45** software keys.

A set of software keys are provided with every store order programmed to support the software options purchased. If a customer has a 7.2 or earlier system and 7.4 is being installed, you need to order this no-charge PIN and complete the Software Key Information Form (see Bulletin #1113) for the site. See below for the PIN to use when ordering:

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

ADMINISTRATION AND PRICING

ISS45 7.4 for NT or DOS is available at the same prices as previously published for **ISS45** 7.3 licenses. Users of earlier **ISS45** versions will be able to upgrade without software upgrade fees, although Professional Services charges may apply for upgrade specification and effort.

Regarding platforms, if your customer is contemplating **ISS45** V8 using Windows NT, the 5094NC is **required** since it includes the CD-ROM and Windows NT Workstation — this package will provide these components at minimum price.

The following PCs and PC options support **ISS45**:

PIN	Item	Price	Int/Int	Maint
5073W	Acer Professional Pentium 133 Win95 Pkg. 133MHz Pentium, 16MB RAM, 1.2 GB IDE HDD, 1.44MB FDD, Keyboard, Mouse, Pre-Loaded Windows 95 , 115V	\$ 1,112 (lists at \$1,589)	\$ 75	\$ 355 ¹
5094W	Acer Professional Pentium 166 Win95 Pkg. 166MHz Pentium, 16MB RAM, 1.6 GB IDE HDD, 1.44MB FDD, Keyboard, Mouse, Pre-Loaded Windows 95 , 115V	1,315 (lists at \$1,879)	75	355
5094NC	Acer Professional Pentium 166 Win NT Workstation Pkg. 166MHz Pentium, 16MB RAM, 1.6 GB IDE HDD, 1.44MB FDD, 8X CD-ROM , Keyboard, Mouse, Pre-Loaded Windows NT Workstation , 115V	1,511 (lists at (2,159)	75	355
91.11010.908	4MB EDO SIMM for Pentium Pkg.	34 (\$49 list)	N/A	14
91.11010.909	8MB EDO SIMM for Pentium Pkg.	69 (\$99 list)	N/A	28
91.11010.910	16MB Non-Parity EDO SIMM (60ns)	139 (\$199 list)	N/A	56
91.11010.911	32MB Non-Parity EDO SIMM (60ns)	279 (\$399 list)	N/A	112
91.AB264.001	Acer 8x IDE CD-ROM Drive	118 (\$169 list)	N/A	N/A
91.75402.014	AcerView 34T SVGA Color Monitor	299 (\$419 list)	N/A	100
91.76802.010	AcerView 56e 15" SVGA Color Monitor	433 (\$619 list)	N/A	TBD
91.77402.005	AcerView 78ie 17" SVGA Color Monitor	755 (\$1,079 list)	N/A	TBD

The above prices are RETAIL_{partner} net prices and are not discountable.

¹ This is currently an estimated price for comparison purposes.

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	N/A	N/A
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 2 below.	595	N/A	N/A
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 2 below.)	295	N/A	N/A
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 and POSCOM Intelligent Bisynch Card. Bisynch modem required.	1,895	N/A	N/A
46865/001	PCCS Software Only for ISS45	595	N/A	N/A
45025/001	SIL for ISS45	595	N/A	N/A
40304/KIT	ISS45 Workstation Kit. Includes Ethernet Card, LAN software license, workstation software license	695	N/A	N/A
44455/001	ISS45 Query Language Software — Runtime License Only	795	N/A	N/A
45180/007	ISS45 APT Vision Value Merchandising Interface — Runtime License	995	N/A	N/A
45180/013	ISS45 Info-Scan Software — Runtime License per workstation	495	N/A	N/A
45180/015	ISS45 PINnacle Payments — Interface Only	795	N/A	N/A
45180/017	ISS45 Concord Payments — Interface Only	795	N/A	N/A
45180/019	ISS45 Catalina — Interface Only (Requires 7.3/7.4)	795	N/A	N/A
45180/021	ISS45 PayPath — Interface Only (Requires 7.3/7.4)	795	N/A	N/A
45180/025	ISS45 Back Office Option Package: FM Shelf Wizard™ Validation, Shelf Wizard Label Printing, Electronic Price Book (requires 7.3 / 7.4)	2,495	N/A	N/A
45180/029	ISS45 Back Office Plus Frequent Shopper Express Option Package	3,495	N/A	N/A
45180/045	ISS45 Advanced Promotions and Member Card System	1,295	N/A	N/A

² 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.

TIMING AND AVAILABILITY

ISS45 7.4 master CD-ROMs, the **ISS45** Electronic Library and the updated **ISS45 7.4** Customization Tools will be shipped to *RETAILpartners* in good standing the first or second week of July.

REMEMBER...

1. **ISS45 7.4 is not just a DOS system running in a DOS box in NT.** When installed on NT, **ISS45 7.4** is a full-fledged Win32 system, running as a native NT Service. This provides many benefits, including higher performance and critical NT system stability.

You'll be competing with products that ported in a GUI but run in NT's application space, which is not nearly so powerful or solid, especially since these products weren't designed to run on NT to begin with; **ISS45 7.4's** services layer was designed from the ground up for NT. Do not let your customers be confused on this account, especially since 7.4 continues to use a character-based user interface. Full GUI will be available soon enough on Version 8.

2. Customers who will want to move to NT with GUI and SQL (that is, Version 8) can install 7.4 today and move to V8 when they're ready. This is an excellent migration path because:
 - They will have complete hardware migration with zero loss: the same hardware that supports NT on 7.4 will be usable on V8.
 - They will have complete operating system migration with zero loss: the same NT operating system can be used with V8.
 - They will have investment/commercial protection too: V8 will be released as a **software option** above and beyond the standard pricing for 7.4. This means that the price will be no different to buy V8 from the start compared to buying and installing 7.4 today adding the V8 option later.
 - They will have feature protection too: V8 will support **all** the features of 7.4 from the start. Remember, the 3-layer architecture means that the business logic will migrate from 7.4 to V8 without necessary changes.
3. **ISS45's** three-layer architecture allowed the construction of the NT services system without disturbing the Business Rules/Logic layer and the Presentation/User Interface layer. This means that you have a brand new NT system without:
 - Risk that the bugs were introduced into the product,
 - Risk that in the rush to market, critical features were left out (and promised, of course, to be supplied in the eternal "Phase II...".

Also, **ISS45's** Replication, Resiliency and Recovery have made the transition to NT completely intact. This means you don't have to worry about the instability that plagues other PoS systems on these platforms.

4. With 7.4, **ISS45's** Services Architecture even allows you to configure one Controller Service to run on NT and the other on DOS.

All these factors make **ISS45 7.4** a much safer NT choice for your customers. This is an outstanding product with an outstanding and unique selling proposition. To Your Success,



Tony van Seventer
Director: Supermarket Systems

ISS45 Software Key Information Form

New Store (N), Upgrade a Store (U), Upgrade/Return old Keys (R):	
Is this an ISS45 Express Store? (Y/N):	N

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 or 40304/KIS):	
Query Language Runtime (44455/001) — ✓:	<input type="checkbox"/>
SIL (45025/001) — ✓:	<input type="checkbox"/>
APT Vision Value I/F (45180/007) — ✓:	<input type="checkbox"/>
Info-Scan (45180/013) — ✓:	<input type="checkbox"/>
PINnacle I/F (45180/015) — ✓:	<input type="checkbox"/>
Concord I/F (45180/017) — ✓:	<input type="checkbox"/>
Catalina I/F (45180/019) — ✓:	<input type="checkbox"/>
PayPath I/F (45180/021) — ✓:	<input type="checkbox"/>
Back Office Options (45180/025 or /029) — ✓:	<input type="checkbox"/>
Frequent Shopper Option (45180/027 or /029) — ✓:	<input type="checkbox"/>
ISS45 <i>Express</i> C/S Replication (45180/031) — ✓:	<input checked="" type="checkbox"/>
<i>Express</i> Bonus Coupon Option (45180/035) — ✓:	<input checked="" type="checkbox"/>
<i>Express</i> Safe Accounting Option (45180/037) — ✓:	<input checked="" type="checkbox"/>
ISS45 Advanced Promotions (45180/045) — ✓:	<input type="checkbox"/>
PCCS (46865/001 or /003) — ✓:	<input type="checkbox"/>
Serial Number of current (if existing) or New Key #1:	
Serial Number of current (if existing) or New Key #2:	

Customer Name: _____

Customer ID Number: _____

This Sales Order Number (supplied by ICL): _____