IBM Global Retail Industry

IBM SurePOS ACE for 4690 OS

Highlights

Designed for today's competitive supermarket environment

- *Superior functionality*
- *High performance*
- *Supports IBM 4683, 4693 and 4694 hardware*
- *Exceptional reliability*

Customer loyalty program

- *Enables personalized marketing*
- *Helps generate repeat business*
- *Graphical screen display for the* shopper

Migration to the future

- *Designed for operating system portability*
- *Built for expansion*
- *Implemented in C++ and Java™*

Features	*Benefits*
Function-rich supermarket solution	Provides the flexibility and customized support required in today's supermarket environment
Object-oriented application using C++ and Java	Facilitates addition of customer functions and extensions
Customer loyalty program	Reward repeat customers and help attract new business through preferred customer and points programs
Designed for migration	Moving from current IBM Supermarket Applications is made easier by SurePOS ACE's support of existing functions, data formats and cashier interfaces
Electronic payment systems	SurePOS ACE provides an open design to allow you to choose the payment system that best suits your needs
Enhanced coupon reporting	Maintain manufacturer coupon tender totals by variety (up to six varieties) – users may define the variety based upon the attributes of the coupon
Enhanced Item Movement Tracking	Track items daily up to 91 days, weekly up to 104 weeks in real-time; specify which files to report
Graphical User Interface (GUI) Display for the shopper	Implemented in Java Retailers can vary the size, color and font for the different areas of the screen (advertising, receipt, subtotal area, customer 2 x 20 display area) Provides greater flexibility for retailers to extend their POS systems with the latest and greatest solutions
Batch Data Maintenance (BDM)	Supports in-store and headquarters-generated data maintenance
Customized logo printing	Allows customers to print specialized logos on the customer's receipt, using the 4610 SureMark™ Point-of-Sale Printer

Hundreds of checkout functions

SurePOS ACE performs most of the functions provided by 4680-4690 SA – and much more. We designed SurePOS ACE to perform many of the functions offered by the IBM 4680 Supermarket Electronic Marketing Support offering and added a large number of new functions specifically requested by our 4680-4690 SA customers.

SurePOS ACE's function-rich capabilities include:

- Electronic Marketing for customer loyalty programs
- 4610 post-printing of receipts
- Electronic Journal
- Restricted sales and age verification support
- Catalina coupon support and coupon multiplication management
- Telepanel electronic shelf-label support
- Foreign currency and GST/VAT tax support
- Full-screen video support
- Graphical display for shoppers
- Optional integrated full-function Electronic Payment Support (EPS) – #5799-RHG IBM SurePOS ACE EPS for 4690 OS.

Designed for retailers

SurePOS ACE is designed to provide:

- Reliable operation in an extremely demanding supermarket environment
- A flexible architecture that enables your programmers, Business Partners or IBM to add new code or modify existing function
- An efficient migration path from 4680-4690 SA
- Simplified installation, operation, maintenance and customization.

Reports to manage your business

SurePOS ACE provides all of the reports previously available with 4680-4690 SA and several more to meet specific customer requests. All reports are accessed from the reports menu, customizable to suit your particular business needs.

Choose from a rich suite of reports:

- Accounting
- Sales
- Listing and Log
- Performance
- Data Maintenance
- Security
- Electronic Marketing
- Item Movement.

IBM SurePOS ACE for 4690 OS

Function-rich solution
IBM SurePOS™ Application Client/Server Environment (ACE) for 4690 OS provides a function-rich solution for supermarket and hypermarket retailers. It combines many functions, including checkout support, electronic marketing, data maintenance, miscellaneous account management and other accounting processes, into a single comprehensive package designed for supermarkets.

Performance is the key
SurePOS ACE can help you optimize your profits by providing high throughput at your checkstands. The front-end application can process up to 90,000 items per hour and provide price lookups in less than a second. Cashiers can handle a multitude of tenders including foreign currency, food stamps, WIC checks and much more.

SurePOS ACE is designed with existing IBM 4680-4690 Supermarket Application (SA) customers in mind. The product installation utilities allow you to preserve and migrate your existing data and utilize the same transaction keying sequences. These were just a few key design elements carefully crafted for our newest supermarket product.

Improved user interface
You can move quickly and easily through application functions such as Accounting, Personalization and Data Maintenance by way of the SurePOS ACE interface. Key and mouse support (or a combination of the two) further enhance the interface and provides flexibility.

Exceptional reliability
SurePOS ACE is designed to run on the IBM 4690 Operating System, one of the retail industry's most reliable and proven platforms. This provides an extremely high level of system up-time in your stores.

Unattended store closing
SurePOS ACE allows you to run a complete store close automatically without operator initiation or intervention. Store close may be performed at the most convenient time, including off-peak hours, with all the same configurations as a manual close. You simply select the date and time for the store close to run and SurePOS ACE takes care of the rest.

Helps protect your investments – current and future
SurePOS ACE supports existing IBM 4683 and 4693 POS terminals (including satellites) and 4694 POS Systems to help protect your investment in your existing hardware installations. You can upgrade to new functions and an open environment while preserving most of your existing hardware. The system facilitates extension of the function to take advantage of future emerging technologies. SurePOS ACE is also designed for portability to other retail operating systems in the future.

The integrated Electronic Payment Support (EPS) has been enhanced to support PIN pads that are currently working with the Electronic Funds Transfer (EFT) feature of the 4680-4690 SA.

You have your choice of store cash reports, department analysis, item movement, and terminal or cashier productivity reports on a daily or weekly basis. The Reports function also allows you to create and edit report scripts. Each script can contain those reports you run on a regular basis. Once created, a report script can be run at the touch of a button. In addition to these reports, you can access Selective Item and Selective Customer reports through the Manager's Procedures Menu for ad hoc reporting.

Store manager tools
A popular set of management tools previously available with the IBM 4680-4690 SA is accessed through the Manager's Procedures Menu. In addition, the Selective Item Report is now seamlessly integrated into SurePOS ACE.

- Terminal Monitor: Monitor the activities of any active terminal in your store. You can actively view the actions of any cashier at any terminal
- Selective Item Report: Access the Item Reporting and Maintenance Workbench to quickly build item movement lists and create batches to update item prices
- Electronic Journal: By specifying the search criteria, you can create summary reports from previously stored transaction logs
- Exception Log Report: A customizable report that allows you to track activities such as voids, refunds and other important business activities
- View Summary Journals: View and print electronic summary journals by date or terminal.

Advanced security
SurePOS ACE provides many security options, including:

- Operator passwords, which can restrict specific application functions such as personalization and accounting
- Multitiered overrides, which provide another level of security that enables cashiers and managers to override specific operations only up to limits that are specified in personalization
- Change Password, which enables you to easily control passwords and enables cashiers to change their own passwords.

Comprehensive online help
Need a reminder about how to complete or start a controller operation, or more information about a specific personalization option? SurePOS ACE now includes a complete panel-level help system to speed you through your tasks. The help system is easily tailored should you decide to modify the application to suit your specialized business needs.

Adding customized functions
Adding your own specialized functions to existing applications can be an expensive and time-consuming prospect. To make it easier to add new function quickly, SurePOS ACE has been developed using modern tools and technology, such as C++ and Java with object-oriented techniques.

A Developer's Toolkit has been created that enables your programmers, Business Partners and IBM to quickly modify function and add new code. This toolkit provides a means to speed new function to your stores to assist you in minimizing your costs.

This toolkit includes SurePOS ACE development files, build tools and a POS device simulator to allow you to thoroughly test your new code. The toolkit operates in a Windows NT® environment and provides DOS and NT build tools.

Tracking your money
Cash flow is monitored through the SurePOS ACE Accounting functions. These allow you to keep precise totals of the tender by variety that flows in and out of your stores. You can choose predefined daily or weekly accounting periods, or define your own time span for an accounting period.

Track your totals based on specific cashiers, terminals or both. Tender counts, loans and pickups are managed through the comprehensive Accounts Management View function.

Line item and department discounts can also be tracked to provide a more accurate picture of individual department sales figures.

To ease the setup and operation of Miscellaneous Accounts, Accounting now includes the Miscellaneous Accounts Maintenance Workbench. This Workbench enables you to establish accounts for paying local delivery vendors and setting up deposit accounts for your local banks.

World-class retail services
The IBM NRSC can assist you with virtually any system need you may have for your business, including:

- System design and development
- Customization and personalization
- System integration and test
- Tailored documentation
- Implementing pilots
- Evaluation
- Installation and rollout to your stores
- Support
- Help Desk.

Electronic Payment Support
Electronic tender support, such as credit, debit, Automated Clearing House and Electronic Benefits Tender (EBT), can be provided in a variety of ways to best match your business needs. Contact the IBM NRSC to create a customized payment solution, to integrate an existing third-party electronic payment package or to customize the IBM SurePOS ACE Electronic Payment Support application.

IBM SurePOS ACE application at a glance	
Description	A function-rich checkout application that affords reliable, streamlined operation for supermarket and hypermarket retailers, while leveraging future growth and past investments
Hardware and Operating System Requirements	SurePOS ACE will run with the IBM 4683, 4693 and 4694 terminals with 4 MB of memory In addition, this memory will support a satellite terminal The minimum 4690 OS controller for SurePOS ACE is a Pentium-class 90 MHz processor, with 32 MB of memory The terminals operate under the IBM 4690 OS Version 1, Terminal Services for NT or 4690 OS Version 2 To utilize the customer GUI feature, it will require the IBM 4690 OS Version 2, Release 2 and a minimum 4694-244 P166 POS terminal with 32 MB of RAM
As a server	Machines running the IBM 4690 OS, Version 1 or Version 2
As a client (See the product specification for a complete list of prerequisites)	• IBM 4683 (minimum 4 MB memory, independent of attachment of a satellite 4683) • IBM 4683 Satellite (mod 2) attached to IBM 4683 (where the "master" 4683 has 4 MB of memory) • IBM 4693 (minimum 4 MB memory) • IBM 4694 (minimum 4 MB memory)
Displays	• 2x20 alphanumeric display • Full-screen video: Parameter values for the operation of the Customer GUI must be chosen from a list of valid values found in the SV.INI file or the display results may be unpredictable • Supported screen resolutions: 640x480, 800x600, 1024x768 • Can be used if supported by the video display
Scanners	• Scanner/wand • Scanner/scale
Keyboards	• Alphanumeric POS keyboard • 50-key POS keyboard • 1/2/3 track keyboard MSR
Printers	• Model 2/3/4 POS printers • Model 4610 SureMark POS printer, models TI1, TI2, TI3 and TI4
Additional POS I/O options	• Hard totals (totals retention) • Cash drawer (dual support) • Integrated MICR reader • Serial (RS232 or RS485) attached PIN Pad • Scale (integrated and RS232) • Programmable power
Warranty/Service	SurePOS ACE is designed to meet IBM's high standards of quality and reliability. The software is backed by IBM's Program Product Warranty and has a two-month test period allowance. For specific information, contact your IBM representative or IBM Business Partner

For more information

To learn more about IBM retail products and services, please contact your IBM representative or call IBM Direct at 1800 IBM CALL (1 800 436-2255).

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