

POS Software

IBM SurePOS ACE for 4690 OS Version 3

Sales reference guide



Summary

IBM SurePOS™ Application Client/Server Environment (ACE) for 4690 OS Version 3 provides a comprehensive set of functions for supermarket and hypermarket retailers, plus a wide range of advanced functions. With it, these retailers can acquire all the features and functions they need to improve throughput at checkout and maximize uptime at the point of sale (POS). The all-in-one software combines checkout support, electronic marketing, data maintenance, account management and other accounting processes. SurePOS ACE performs subsecond price lookups, handles multiple tenders, and offers many features designed to help maintain technology currency and improve ease of use. Most important, SurePOS ACE positions retailers to take advantage of the IBM Store Integration Framework, a key component of e-business on demand™. In this way, deploying SurePOS ACE will be the first step many grocery retailers take toward realizing the retail on demand vision.

Key messages

1. IBM SurePOS ACE prepares retailers for e-business on demand

The IBM Store Integration Framework is a unified integration environment that helps provide critical infrastructure to add software and hardware seamlessly in the store, integrate multiple points of service and manage store and customer data in realtime. SurePOS ACE supports multiple components of the Framework, which helps prepare retailers to integrate an in-store pharmacy, photo kiosks, fuel pumps, or Web site at the POS, and helping ensure accurate price data, delivery of loyalty benefits and streamlined transaction processing. Specifically, SurePOS ACE is enabled to support the IBM Store Integrator graphical user interface (GUI) and the IBM Data Integration Facility, which promotes realtime sales data analysis.

2. IBM SurePOS ACE features an enhanced GUI

The enhanced IBM Store Integrator GUI offers a user-friendly, customizable design that utilizes Java™ 2 and supports dual displays, so retailers can run an operator touchscreen GUI. At the same time, they can run a separate graphical display that engages shoppers at checkout by promoting special items or enabling in-lane advertising.

3. IBM SurePOS ACE protects the retailer's investment

It provides excellent uptime because it is built on the IBM 4690 OS, one of the most reliable computing platforms in retail. It also provides strong backward and forward compatibility, because it uses the same host interface, data format and operator interface as the IBM Supermarket Application (SA), so you can make a smooth transition with minimal operator training.

4. IBM SurePOS ACE includes a wide range of functions

Version 3 can support virtually any POS activity. It offers interfaces to electronic journaling and coupon management. The integrated customer loyalty program rewards repeat customers to help increase sales. Other electronic marketing features support complex promotions and preferred shopper programs. The software also supports gift receipts and detailed reports for faster decision-making. Integrated management tools include a terminal monitor for viewing cashier actions on any active terminal, selective item reporting for quickly building item lists and creating batches for price updates, and an electronic journal that creates summary reports from stored transaction logs. Store managers can also use the built-in exception log report and view summary journals.

5. IBM SurePOS ACE has advanced security features

These include encrypted operator passwords that restrict access to specific functions, and multitiered overrides that set limits for superseding specific operations. Data maintenance helps offer secure control of files down to individual fields.

IBM SurePOS ACE for 4690 OS Version 3

Features	Benefits	The retail on demand connection
Enhanced IBM Store Integrator GUI for touchscreen operation	<ul style="list-style-type: none"> Supports dual displays through a single Java Virtual Machine (JVM) and all the latest functions of SurePOS ACE Improves operator productivity and helps retailers train more operators in less time at a lower total cost 	Transform the customer experience Enable your people
Supports the 14-digit Global Trade Identification Number/Reduced Space Symbology (GTIN/RSS) bar codes, in accordance with new Uniform Code Council industry standards	Helps retailers adopt new standards faster	Transform the customer experience Enable your people
Supports the check image capture capabilities of the IBM SureMark™ Printer, Model T18	Helps improve loss prevention from non-sufficient funds (NSF) checks	Take out costs
EPS feature supports the Women, Infants and Children (WIC) Program implemented in Texas, which integrates support for the VeriFone Omni 7000 PIN pad with signature capture and a smart card reader	Enables retailers to implement this new WIC payment model at any time	Transform the customer experience
32-bit compiler	Increases address space, simplifies the development environment, and makes it easier to service and support the application	Take out costs Operate with secure resilience
Supports Microsoft® Windows® XP as a development platform	Extends currency to the latest Windows operating system	Enable your people Operate with secure resilience
Clean receipt enhancements	Helps improve readability and clarity of information on receipts generated through ACE	Transform the customer experience
Dual-display support (touchscreen interface for operator; display-only for customer)	Increases opportunities to engage the customer during checkout	Transform the customer experience
Ability to print a barcode on the customer receipt	Uniquely identifies the transaction on the customer receipt	Transform the customer experience
Ability for cashiers to print a gift receipt	A customer now has the option to request a gift receipt	Transform the customer experience
Sending of masked account numbers for credit and debit tenders to Catalina's host for Catalina Version 2	Allows Catalina to run promotions to reward shoppers.	Transform the customer experience
Entry of Loyalty Card number into the order for WIC transactions	Can easily tie together the card number with the transaction	Transform the customer experience
Ability to optionally send CVV2/CID to a host processor for keyed credit card account numbers	Reduces merchant transaction fees	Take out costs
Ability to prompt for user data at total time	Sets up options to prompt for zip code or card number, for example, for tracking purposes	Transform the customer experience
Self-checkout support	Improves customer service, increases throughput and controls labor costs	Transform the customer experience Take out costs Enable your people
Fuel sales integration at the POS; supports a fuel item type and a fuel coupon type	Generates new streams of revenue and attracts new types of customers	Transform the customer experience
Ability of IBM Data Integration Facility (DIF) to work with IBM SurePOS ACE	Provides out-of-the box support for transforming 4690 application data into standards-based XML	Enable your people
Enablement of ACE for the Application Extension Facility (AEF) in Store Integrator	Allows existing functionality within ACE to be accessible through a set of APIs and Web services for use remotely or by other applications, such as, Self-Service fuel and Web shopping	Enable your people

IBM SurePOS ACE for 4690 OS Version 3 (continued)

Features	Benefits	The retail on demand connection
Addition of background task for suspended transactions	Allows transactions to be retrieved more quickly	Enable your people
Reason Code for void	Adds the capability to prompt the cashier for a reason code as to why the void was performed	Enable your people
Integrated customer loyalty program	Rewards repeat customer; builds loyalty	Transform the customer experience
ACE Transaction Search Tool	Summarizes lines as well as reporting detailed cash receipt and summary journal images using the TLOG as the source to easily locate information	Enable your people
SurePOS ACE uses the latest C++ and Java programming techniques	Provides outstanding flexibility to customize the POS, with a toolkit that helps developers add more functions quickly and at a low cost	Transform the customer experience Take out costs

Positioning

Portfolio comparison

IBM SurePOS ACE provides the same level of checkout efficiency as the IBM SA, plus some additional functionality. For example, ACE offers dual-display support, self-checkout support and fuel-sales integration at the POS. Unlike SA, SurePOS ACE is available only for retailers in the Americas Group, instead of being targeted at worldwide retailers. (Like SA, SurePOS ACE can be adapted to run on Microsoft Windows NT® or Linux through a services engagement.)

Target market

Large supermarket and hypermarket retailers in the Americas Group running 4690 OS

For these retailers, SurePOS ACE represents a significant upgrade from SA in terms of its support for new technology in high-volume grocery retail. Yet it allows them to retain the proven and reliable 4690 OS, as well as make a seamless transition from SA. For new IBM customers, SurePOS ACE is an excellent solution that provides an outstanding level of reliability, plus a wide range of features and functions that are specifically designed for large, complex grocery operations. SurePOS ACE customers can get help from the IBM National Retail Services Center (NRSC), which can assist retailers with many aspects of SurePOS ACE, including integration, development and support. IBM authorized Business Partners can also provide a wide range of professional and support services for ACE.

Specifications

Hardware supported

Servers	<ul style="list-style-type: none">• Machines running the IBM 4690 OS Version 3 Release 3 CSD 04H0¹
Clients	<ul style="list-style-type: none">• IBM SurePOS 700 Series (minimum 16MB memory)• IBM 4694 (minimum 16 MB memory)²• IBM 4693 (minimum 16 MB memory)²• IBM 4693 Satellite (Model 202) attached to IBM 4693

Operating systems supported

IBM 4690 OS	4690 OS Version 3.3 CSD 04H0 or later
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Peripherals (optional)

Display	<ul style="list-style-type: none">• IBM SurePoint™ Solution (touch and nontouch)• USB 40-character displays• RS-485 40-character displays• Monochrome and color CRT displays
Scanners	<ul style="list-style-type: none">• Handheld scanner• Scanner/scale
Keyboards	<ul style="list-style-type: none">• USB 50-key and Alphanumeric POS keyboards• RS-485 50-key and Alphanumeric POS keyboards• 1/2/3 track MSR on keyboard
Printers	<ul style="list-style-type: none">• IBM SureMark Printers (model TM6 supported in native mode)• IBM Model 3/4 POS printers• IBM Fiscal printers (ask your local representative)
Additional options	<ul style="list-style-type: none">• Cash drawer (dual support)• Integrated MICR reader• Serial (RS-232 or RJ-485) attached PIN pad• Scale• Programmable power• Coin dispenser

Services

Warranty	The software is backed by IBM's Program Product Limited Warranty and has a two-month test period allowance. For specific information, contact your IBM representative or IBM Business Partner.
Technical support	Software Maintenance agreement available. Software Maintenance includes technical support (via phone and Web) plus software subscription, which includes access to software upgrades as they become available during the coverage period.

Total solutions



For grocery retailers in the Americas Group

Independent grocers	<ul style="list-style-type: none"> • Dual controllers: IBM @server™ xSeries™, 8480-33X • IBM SurePOS ACE • IBM SurePOS 700 Series, model 733 • Retail POS Keyboard with MSR and Display • 40-character Vacuum Fluorescent Display II • IBM SureMark Printer • Cash drawer
Regional chains	<ul style="list-style-type: none"> • Dual controllers: IBM @server xSeries, 8480-33X • IBM SurePOS ACE • IBM SurePOS 700 Series, model 733 • Retail POS keyboard with MSR and display • 40-character Vacuum Fluorescent Display II • IBM SureMark Printer • Cash drawer
National chains	<ul style="list-style-type: none"> • Dual controllers: IBM @server xSeries, 8480-33X • IBM SurePOS ACE • IBM SurePOS 700 Series, model 733 • IBM SurePoint Solution, model 48T (touchscreen for operator) • IBM SurePoint Solution, model 42D (customer display) • IBM SureMark Printer • Cash drawer

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¹ The minimum 4690 OS controller of SurePOS ACE is a Pentium®-class 90MHz processor, with at least 64MB memory.

² To utilize the IBM Store Integrator GUI, you will need the IBM 4690 OS V3 R3 CSD 04H0 and the ICE Browser Version 5. A single video display requires a minimum 500MHz processor and 224MB of RAM. Dual video displays require a minimum 850MHz processor and 224MB of RAM.