**TOSHIBA**

# Store Integrator

## Provide a common shopping experience everywhere

> Dynamic interface and images

> Easier than ever to design, modify, and deploy

> Supports existing and new applications, devices

### Transform checkout

Allow your customers to shop the way they want to shop with mobile, self-service, fuel and whatever may be in the future, to stay competitive. Create a seamless experience for customers, so that as they move from the point of sale (POS) to a kiosk, to a fuel pump, to the web; they see the same prices, receive the same discounts and loyalty points.

Toshiba Store Integrator allows retailers to deliver a unique and highly differentiating customer service from virtually any touch point. With this capability you can:

› Deliver a consistent view of your store to at every touch point, including mobile

› Offer self-kiosk and fuel customers the same service options, promotions, loyalty programs and payment choices at the pump as they would have in the store.

**TOGETHER COMMERCE**

## Extend and expand the POS storewide

Distribute business logic and information storewide

› Share pricing, transaction data, promotion details from POS applications
› Add new services without recreating POS software (ex. Fuel  stations, DVD rentals, deli orders, etc.)

## Easy integration of Toshiba Store Integrator is possible with Java and XML interfaces

The Application Extension Facility (AEF) allows your current  POS application to run in a virtual session with other  applications or web interfaces.

Toshiba Store Integrator enables hardware choice, increased  virtual sessions, and vibrant, dual resolution support across  multiple displays.

## Improve employee productivity

› Free up store employees' time by allowing them to access   information anywhere in the store
  – Enables retailers to build applications that store employees can use to authorize transactions and perform  overrides via handheld devices
  – Allow them to stay on the floor for customers while  performing critical tasks
› Build intuitive GUIs and maintain your capabilities
  – Create screen layouts, change colors, icons and functions
  – View GUIs real time before they are deployed
› SI GUI allows cashiers to void items, change prices and   quantities and improve productivity

## Streamline operations with POS extension

An integrated, standard platform solution throughout stores   helps retailers build new functionality and streamline  operations in two ways:

1. Application development interfaces provide a standard way  to integrate any store technology platform–including third-  party applications–to a wide variety of devices and points  of service. Additionally, you can build enhanced capabilities, such as promotions and loss prevention.

2. Optimize your current investments by reusing business logic, reducing the need for specialized technical exper-tise,  support and maintenance costs for redundant

systems.   Your current investments are not only protected, they are  optimized.

Toshiba Store Integrator is part of the Toshiba Smarter Checkout Solution, an integrated store technology foundation, that facilitates sharing information across store systems with a familiar, customizable  touch GUI.

## Strong systems management

The Toshiba Store Integrator's systems management capabilities are built on industry standards- based Java Management Extension (JMX) technology. By enabling every  system and device to be accessed centrally, Toshiba systems  management provides:

› Monitoring and alert features that provide the status of real  and virtual POS sessions
› 4690 ASM inventory of installed software levels and versions
› Remote and dynamic management of store systems from a   central location (when used with Toshiba Remote Management Agent)
› Improved troubleshooting and diagnosis with Toshiba Remote Management Agent data capture
› Remote software installs on 4690 OS

**Toshiba Store Integrator Version 4 Release 2 Technical Requirements**

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|---|---|
| Hardware requirements* | Depends upon the client solution, other processes running on the controller, and if virtual session failover is used. (Fully enabled failover must have an equivalent capacity reserved on a backup controller.) <br><br> Typical transaction rates for the categories are: <br> • Self checkout—15 items/ transaction, 14 transactions/ hour/ per lane. <br> • Fuel—1 item/ transaction, 12 transactions/ hour/ session. <br> • Portable Shopper—30 items/ transaction, 4 transactions/ hour/ session. <br><br> Recommended failover- enabled solution for a typical environment (with no additional load from other processes), consists of two controllers, each with a 2.0 GHz2 processor. For Controllers running Store Integrator in Java 6 or <br> TDK8, a minimum of 2GB RAM is required.  For Controllers running Store Integrator in Java 2, a minimum of 1GB RAM is required. Store Integrator V4.2 continues to support older terminals for the POS GUI: <br> The  minimum terminal hardware for 4690 Classic includes: <br> • A 500 MHz processor for single display <br> • A 850 MHz processor for dual displays. <br> These provide acceptable performance for the unmodified base applications. <br><br> The recommended terminals for best performance of the Store Integrator GUI are 743-4800 terminals and any higher-end models. These terminals provide faster response and are better able to contain added value function to the GUI solution. *Note: if you use the SI GUI with complex graphical information, you might exceed the memory requirements for the terminal and or the controller.* <br> For solution use only with no GUI, If you are using the digital receipts interface, the minimum terminal is: <br> • 4690 Classic - 2.0) 743-4800 GHz processor) and 512MB RAM <br> • 4690 Enhanced - 2.0) 743-4800 GHz processor) and 1GB RAM |
| Software requirements | ***Operating system*** <br> 4690 OS must be one of the following: <br> • 4690 OS VO 6.4D10, or later <br> • 4690 OS VO 6.5GLO, or later <br> *Store Integrator running with 4690 OS does not support separating controllers on different networks* |
| POS Applications | ***For Toshiba SurePOS ACE application:*** <br> • Version 7 Release 4 <br> • Version 7 Release 5 <br> ***For Toshiba General Sales Application:*** <br> • Toshiba General Sales Application, version P001 or later <br> • Toshiba General Sales Application 4610 Printer Support Feature, version P001 or later (AEF does not support Model 3 or Model 4 printers) <br> • Toshiba General Sales Application requirements for optional features: <br>   – Price management feature version L001 or later <br>   – Electronic Journal V2, version M001 or later <br> The Toshiba General Sales Application terminal sales application (with the proper hooks in place) must be relinked <br> ***For Toshiba Supermarket Application:*** <br> • Toshiba Supermarket Application, version P001 or later <br> • Toshiba Supermarket Application 4610 Printer Support Feature, version P001 or later (AEF does not support Model 3 or Model 4 printers) <br> • Toshiba Supermarket Application requirements for optional features: <br> – Enhanced electronic funds transfer (EFT) feature, version P001 or later <br> – Electronic Marketing, version P001 or later <br> – Toshiba Supermarket Application ValuePack 2001, version N001 or later <br> – Toshiba Electronic Journal 4690, version M001 or later <br> – Toshiba 90 -4680 Supermarket Application Enhancement Feature, version K001 or later <br> – Using the POSBC with SA requires the following software: <br>   – Supermarket Application version R001 with EFIX 4363, or later <br>   – SA 4610 Printer Support Feature version P001 with EFIX 4362, or later |

***Java 2 Platform***

***Client software using virtual Client Session Server (CSS) sessions require the following:***

• Microsoft Windows 7, or Microsoft Windows Embedded POSReady 7
• IBM Java V1.6 Java virtual machine (JVM)
• IBM JavaPOS 1.14.1 or later

***Toshiba Remote Management Agent requirements:***

To use Toshiba Store Integrator with the Remote Management Agent (RMA) requires a VrR1 or later RMA Master Agent in the store. Any RMA General Agent on a Store Integrator system needs to be VrR1 or later for the Store Integrator Agent to be discovered. For the latest information on specific software levels required (including specific CSD or EFix levels), please see the Toshiba Store Integrator User's Guide.

## Toshiba Global Commerce Solutions

As the world's leading provider of integrated in-store solutions and retail insights, Toshiba Global Commerce Solutions delivers end-to-end solutions for checkout, consumer interactions and retail operations that unlock amazing new possibilities for our clients and shoppers everywhere.

## Together Commerce

Together Commerce is Toshiba's vision for the new future of retail where retailers adapt their strategies, their stores and their technology to engage with consumers throughout the buying process in a seamless and helpful way. This collaborative approach enables retailers and customers to create mutually rewarding commerce–together.

## For more information

To learn more about how Toshiba Client Services can help transform your business, contact your local Toshiba sales representative or Toshiba Business Partner, or visit:
**toshibacommerce.com**

Additionally, Toshiba Global Commerce Solutions can help credit-qualified clients acquire the solutions that your business needs in the most cost-effective and strategic way possible through our global financing partner.

## References

\* MB equals one million bytes when referring to storage capacity; accessibility may be less