

Toshiba Store Integrator V3.4 provides additional function and GUI enhancements

Table of contents

1 Overview	4 Publications
1 Key prerequisites	5 Technical information
1 Planned availability date	9 Ordering information
2 Description	14 Terms and conditions
2 Product positioning	17 Prices
3 Program number	

At a glance

Toshiba® Store Integrator V3.4 delivers :

- The SI GUI Developer Studio
- Enhancements to GUI usability
- Digital receipt capability
- Support for drivers license scanning on terminal sales application in ACE
- Support for GS1 Databar barcodes to enable "sell-by-date" warnings at checkout

Overview

Toshiba Global Commerce Solutions, a Toshiba and IBM® Company, is offering additional function and new enhancements to the GUI of Store Integrator. Retailers use the SI GUI to offer differentiating services and touch points in their stores; and with the new GUI enhancements, they can use touch capability to improve usability, reduce training costs, and develop new screen layouts and designs to support the dynamic retail environment.

A new Digital Receipt API enables retailers to have an ACE interface with digital receipt services, and provides shoppers with alternatives to paper receipts.

This announcement fulfills the Statement of Direction in Software Announcement [211-347](#), dated October 04, 2011 .

Key prerequisites

Refer to the [Hardware requirements](#) and [Software requirements](#) sections. Complete information is detailed in *SI V3.4 User's Guide (G362-0561)*.

Planned availability date

February 22, 2013

Description

Toshiba Store Integrator V3.4 (SI V3.4) is enhanced with support for new functions, as well as improvements to function already provided in previous versions.

- Feature enhancements:

- Usability improvements

Enhancements provided in SI V3.4 GUI enable new screen flows that position messages and content to the center of the screen. Consolidated entry screens are provided with information to simplify data input.

- New features:

- SI GUI Developer Studio

The SI GUI Developer Studio allows retailers to create, modify, and deploy GUI screens without having to write code. The SI GUI Developer Studio simplifies design layouts of screens by giving users the ability to change colors and configure components such as buttons. The SI GUI Developer Studio also allows different components to be linked to different actions and screens. The SI GUI Developer Studio is an executable that can run in its own environment and its use does not require installation of another tool such as Eclipse. All of this adds up to savings in time and money for retailers. Nonprogrammers can now easily change configurations of GUI screens and better adapt to the ever-changing store environment.

- Digital receipt API

This enables retailers to have an ACE interface with digital receipt services, and provides shoppers with alternatives to paper receipts. This new function produces a Digital Receipt XML document for sales transaction receipts that can be consumed by third-party services such as web, mobile phone, email, and others.

- Support for driver's license scanning on terminal sales application in ACE

This new function of the terminal sales application in ACE adds the capability to accept a scan of 2D driver's licenses. This scan can then be used to validate restricted sales and age verification transactions. This generates savings in time and data entry errors because the cashier will no longer have to manually enter the date of birth.

- Support for GS1 Databar barcodes to enable "sell-by-date" warnings at checkout

This new function enables ACE GS1 Application Identifier (AI) 15 sell-by-date support. With this support, ACE can use the sell-by-date information encoded in Databar barcodes and warn customers when they are purchasing items past their sell-by-date.

Section 508 of the US Rehabilitation Act

Although IBM makes no representation about the Section 508 status of third-party electronic and information technology products, IBM provides for informational purposes that the developer of this product has indicated that it is capable of satisfying the applicable requirements of Section 508 of the Rehabilitation Act. Contact Toshiba for specific, current information on the conditions and limitations of this capability.

Product positioning

SI V3.4 is a strategic component and enabler of the Toshiba portfolio. SI is primarily targeted at large and medium retailers in the grocery, mass merchant, department store, and the convenience segments. These retailers use the 4690 OS, along

with either SurePOS™ ACE EPS, SA, GSA, or an ISV's application that provides complimentary function for the POS applications. Retailers are extending their points of service beyond the traditional checkout register and want to leverage their existing investment in the register POS application. They want one application to maintain, one set of data to maintain, and one reliable way to integrate to POS.

SI provides retailers with improvements in how POS information may be used throughout the retailer's enterprise.

Program number

Program number	VRM	Program name
5639-P71	3.4	Toshiba Store Integrator

Product identification number

Program PID number	Maintenance 1 year PID number	Maintenance 3 year PID number
5639-P71 TGCS SI V3.4	5639-P72 1yr Reg/Ren 5639-P73 1yr AftLic	5639-P74 3yr Reg 5639-P75 3yr Ren 5639-P76 3yr AftLic

Education support

Education support will be provided for these products.

The following educational offerings are available for Toshiba Global Commerce Solutions employees, Business Partners, and customers who sell or support SI. These are web-downloadable, self-study courses.

Toshiba and Business Partner sales education:

Title	Course Number
Selling the Store Integration Framework	RE3500 or RE3510 ¹
4690 solution selling	RE7013 ¹

¹ SI sales education for Toshiba employees and Business Partners is found in the Store Integration Framework course. The 4690 Solution Selling course is only available to employees.

Toshiba and Business Partner technical education:

Title	Course Number
Using the Store Integrator Graphical User Interface	RE3150
Store Integrator Technical Education	RE3010
What You Should Know About Store Integrator V3.3	RE3014
What You Should Know About Store Integrator V3.4	RE3015 ²

² What You Should Know About Store Integrator Version 3.4 (RE3015) is an update course for students who have previously completed RE3010 RE3014.

Toshiba customer education:

Title	Course Number
Using the Store Integrator Graphical User Interface	RE3150
Store Integrator Technical Education	RE3010C
What You Should Know About Store Integrator V3.3	RE3014C
What You Should Know About Store Integrator V3.4	RE3015C ³

³ What You Should Know About Store Integrator Version 3.4 (RE3015C) is an update course for students who have previously completed RE3010C and RE3014C.

For course descriptions, or to enroll in these and other Toshiba Education courses visit

<http://www.toshibagcs.com/education>

If you have education-related questions, contact

grse@us.ibm.com

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld® ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=213-003>

Publications

No publications are shipped with this product.

Displayable softcopy publications: SI manuals are offered in displayable softcopy form. These displayable manuals can be viewed with the Adobe™ Acrobat Reader, which is offered free on the Internet.

Copies of the following unlicensed publications are available for no charge from

<http://www.toshibagcs.com/support>

1. Under Links, select Publications
2. Under Store Integration Framework section, see Store Integrator

Title	Form Number
Toshiba SI GUI Programming Guide	G362-0563
Toshiba Store Integrator User's Guide	G362-0561
Toshiba Store Integrator Programming Guide	G362-0562

Technical information

Specified operating environment

Hardware requirements

Refer to *Store Integrator V3.4 User's Guide (G362-0561)*, which also describes the hardware requirements.

The hardware required for a solution using SI V3.4 virtual sessions depends upon:

- Capacity required by the client solution
- Capacity needed for any other processes running on the controller (services, other applications, DIF (Data Integration Facility), and so on)
- Decision to use virtual session failover

A solution requiring a fully-enabled failover must have an equivalent capacity reserved on a backup controller.

There are multiple solution scenario types for SI, but the primary solution types are self checkout, fuel, and portable shopper. These solution types have varying transaction rates and thus, varying capacity requirements.

Typical transaction rates for the categories are:

- Self checkout - 15 items per transaction and 14 transactions per hour per lane.
- Fuel - One item per transaction and 12 transactions per hour per session.
- Portable Shopper - 30 items per transaction and four transactions per hour per session.

The recommended failover-enabled solution for a typical environment (with no additional load from other processes), consists of two controllers, each with a 2.0 GHz processor and 768 MB of memory. Operating as one alternate and one subordinate, these controllers support one of the following loads:

- Self checkout - 14 lanes.
- Fuel - 25 fuel pumps.
- Portable Shopper - 25 units.

The current POS applications (SA, GSA, and ACE) have the capability of using the SI interface to enable a Java™ GUI terminal screen for the POS application. This function has the capability to support one GUI at the terminal or dual GUIs (dual displays) at the terminal.

SI V3.4 continues to support older terminals for the POS GUI. This minimum terminal hardware includes a 500 MHz processor for single display and a 850 MHz processor for dual displays. These provide acceptable performance for the nonmodified base applications.

The recommended terminals for best performance of the SI GUI are 4800-743 terminals and any higher-end models. These terminals provide faster response and are better able to contain added value function to the GUI solution.

Terminal and Controller hardware for SI (no virtual sessions)

For additional technical information, visit the following website

<http://www.toshibagcs.com/products>

Classic 4690 OS V6.2 or higher - minimum requirements assuming a 200 MB RAM disk

	Terminal (Proc/RAM)	Controller (Proc/RAM)
GUI only use	Single GUI -500 MHz/512 MB Dual GUI -850 MHz/512 MB	1.8 GHz/256 MB
Solution use	2.0 GHz/512 MB	1.8 GHz/256 MB

Enhanced 4690 OS V6.2 or higher - minimum requirements

Terminals - Any SurePOS 700 terminal supported by Enhanced 4690 OS V6.2 or higher

Controllers - Any Controller supported by Enhanced 4690 OS V6.2 or higher

	Terminal (RAM)	Controller (RAM)
GUI only use	1 GB	512 MB 1 GB for C84 and newer
Solution use	1 GB	512 MB 1 GB for C84 and newer

If you are using the Google Wallet interface and or the digital receipts interface the minimum terminal is:

- Classic 4690 OS V6.2, or higher - 4800-743 (2.0 GHz processor) and 512 MB memory
- Enhanced 4690 OS V6.2, or higher - 4800-743 (2.0 GHz processor) and 1 GB memory

Software requirements

Refer to *Store Integrator V3.4 User's Guide (G362-0561)*, which also shows the software requirements.

- **4690 Operating System**

For use with SI, the 4690 Operating System (4690 OS) must be one of the following:

- 4690 OS V6.2 0CH0, or later
- 4690 OS V6.3 0CC0, or later

SI running with 4690 OS does not support separating controllers on different networks.

- **POS applications**

This section describes the current requirements for using SI with ACE, GSA, or SA. Before installing SI, contact Toshiba Support to identify and obtain the most recent interim fixes applicable to the software. The interim fix numbers listed could be superseded as a result of further Authorized Program Analysis Report (APAR) activity.

- **ACE requirements**

SI requires one of the following:

- ACE Version 7.4
- ACE Version 7.3

- **GSA requirements**

Using SI with GSA requires the following items:

- GSA Version P001, or later
- GSA 4610 Printer Support Feature Version P001, or later. AEF does not support Model 3 or Model 4 printers
- GSA requirements for optional features:
 - Price Management Feature Version L001, or later
 - Electronic Journal V2 Version M001, or later
- The GSA terminal sales application (with the proper hooks in place) must be linked again. Refer to the **Selecting terminal sales components** in the *SI User's Guide* for more information.

Notes:

- a. The only GSA features supported by SI are those listed above.
- b. Toshiba does not recommend that you maintain your own application source. Instead, maintain your code at the specified CSD and interim fix levels.

- **SA requirements**

Using SI with SA requires the following software:

- IBM Supermarket Application Version P001, or later.
- SA 4610 Printer Support Feature VP001, or later. AEF does not support Model 3 or Model 4 printers.
- SA requirements for optional features:
 - Enhanced Electronic Funds Transfer (EFT) Feature Version P001, or later
 - Electronic Marketing Version P001, or later
 - SA ValuePack 2001 Version N001, or later
 - IBM Electronic Journal 4690 Version M001, or later
 - IBM 4680/4690 SA Enhancement Feature Version K001, or later
- Using the POSBC with SA requires the following software:
 - IBM Supermarket Application Version R001 with EFIX 4363, or later
 - SA 4610 Printer Support Feature Version P001 with EFIX 4362, or later
- Requirements for optional features:
 - Electronic Marketing Version P001 with EFIX 4361, or later
 - SA Value Pack™ 2001 Version N001, or later
 - IBM Electronic Journal 4690 Version M001, or later
 - IBM 4680/4690 SA Enhancement Feature Version Q001, or later

The SA terminal sales application (with the proper hooks in place) must be linked again. Refer to **Selecting terminal sales components** topic in *SI User's Guide* for more information.

Notes:

- a. The only SA features supported by SI are those which are listed above.
- b. Toshiba does not recommend that you maintain your own application source. Instead, maintain your code at the specified CSD and interim fix levels.

- **4610 POS printer**

4610 POS printer support is required.

- **JAVA 2**

The 4690 Operating System includes the Java 2 software required for the configuration and execution of SI. To install Java 2 on the 4690, you must enable the Virtual File System.

- **Client software**

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

- Microsoft™ Windows™ XP Service Pack 3, Microsoft Windows Embedded Point of Service (WEPOS), or Microsoft Windows Embedded POSReady.
- IBM Java 1.6 Java virtual machine (JVM).
- IBM JavaPOS 1.13.3, or later.

- **Remote Management Agent requirements**

Using SI with Remote Management Agent (RMA) Managed Object Consolidation requires RMA V2.6 Build 24, or later

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM , such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Limitations

SI running with 4690 OS does not support separating controllers on different networks.

Planning information

Packaging

Toshiba SI is distributed in two packages:

- The invoice should be used as Proof of Entitlement (PoE).
- One CD-ROM including the International Program License Agreement for SI V3.4 (LCD73251) in package one.
- One CD-ROM including the International Program License Agreement for the SI GUI Feature (LCD73252) in package two.
- The International Agreement for Acquisition of Software Maintenance (Z126-6018) in both packages.
- The International Program License Agreement (Z126-6006), in both packages.
- License Information Document (GC27-4116) in both packages.

Security, auditability, and control

SI uses the security and auditability features of the 4690 OS, which includes authorization services (password) for each user. In addition, SI can take advantage of the Secured Socket Layer (SSL) functionality that was announced with 4690 OS V5. It also uses the security and auditability features of the POS application, such as operator authorization and control, ability to limit unique functions to specific terminals, and logging of significant events for audit purposes. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services

Toshiba Worldwide Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our Toshiba Global Services team.

To learn more about Toshiba Worldwide Services or to contact a Software Services sales specialist, visit

<http://www-03.ibm.com/products/retail/services>

Ordering information

Charge metric

Program name	Part number or PID number	Charge metric
SI V3.4	5639-P71	Per Terminal/Virtual Session

Client device

Client device is a unit of measure by which the program can be licensed. A client device is a single-user computing device or special-purpose sensor or telemetry device that requests the execution of or receives for execution a set of commands, procedures, or applications from or provides data to another computer system that is typically referred to as a server or is otherwise managed by the server. Multiple client devices may share access to a common server. A client device may have some processing capability or be programmable to allow a user to do work. Examples include, but are not limited to, actuators, appliances, automated teller machines, automatic meter readers, cash registers, disk drives, desktop computers, kiosks, notebook computers, personal digital assistants, point-of-sale terminals, sensors, smart meters, tape drives, and technical workstations. Licensee must obtain entitlements for every client device that runs, provides data to, uses services provided by, or otherwise accesses the program and for every other computer or server on which the program is installed.

The Product Identification (PID) number for the new initial base license of SI V3.4 is 5639-P71. The following is a description of each of the new feature codes:

- Feature 0001 - SI V3.4 Per Terminal/Virtual Session with 1 Year SW Maintenance:
This feature must be selected to order a base license for each terminal or virtual session that SI V3.4 will be loaded into and running on in each store. SI V3.4 includes all the components of SI. The quantity of the feature code ordered, must be equal to the number of terminal or virtual sessions in the store.
- Feature 0002 - Trade up from SI GUI to SI:
This feature must be selected if you want to upgrade each SI GUI terminal license to the full SI license which includes all the components of SI. The quantity of the feature code ordered, must be equal to the number of SI GUI licenses that need to be upgraded.
- Feature 0004 - SI GUI for 4690 Terminal:
This feature must be selected for each terminal that the SI GUI will be loaded into and running on in each store. The quantity of the feature code ordered must be equal to the number of terminals in the store running the SI GUI.

Below represents how to order an initial base license for SI V3.4. The econfig tool is available to help you create an SI V3.4 order. If for some reason econfig is not available, you can place an basic order as follows:

- Order 5639-P71 for the base license code
 - For SI including all of the components
 - Select feature code 0001 for the base software license
 - Select the quantity equal to the number of terminal or virtual sessions
 - For only the SI GUI

- Select feature code 0004 for the base software license
- Select the quantity equal to the number of 4690 terminals
- When selecting SI or SI GUI, select feature code 5809 for the SI and feature code 5819 for the SI GUI media base code.

You must also include either the 1-year or 3-year Software Maintenance PID to register for Software Maintenance and to be entitled for Software Subscription and Support. Refer to the section on **Software Maintenance** for additional information.

5639-P71 Store Integrator V3.4

Basic license one-time charge

Feature description	Feature number
SI V3.4 Per Terminal/Virtual Session w/ 1 Year SW Maint	0001
SI GUI for 4690 Terminal w/1 Year SW Maint	0004

Feature description	Feature number
Trade up from SI GUI only to SI	
SI V3.4 Per Terminal/Virtual Session with 1 Year SW Maint	0002

Customization options for 5639-P71

Select the appropriate feature numbers to customize your order with the delivery options desired. These features can be specified on the initial order.

Initial shipments

Feature	Description
3444	Serial Number Only (suppresses shipment of media and documentation)

Expedite shipments

Feature	Description
3445	Local IBM Office Expedite (for IBM use only)
3446	Customer Expedite Process Charge (\$30 charge for each product)

Expedite shipments will be processed to receive 72-hour delivery from the time Delivery and Fulfillment (ISC) receives the order. ISC will then ship the order using overnight air transportation.

Software Maintenance for SI and SI GUI

There are two options for Software Maintenance (SWMA) for SI. You can choose either a 1-year or a 3-year option.

You must order Software Maintenance Registration with the initial order. It entitles the user or customer to receive new versions or releases, as well as support, during the initial 12-month period. It also registers them in the entitlement database, allowing them to open and report problems. If you do not include the Software Maintenance Registration PID with the initial order, it will not update the entitlement system to allow the user or customer to get support.

Also, you must ensure that the number of base SI and SI GUI licenses ordered matches the number of SI and SI GUI software maintenance licenses. There should be a one-for-one match.

You do not need to order the SWMA Renewal the first year since it is already included in the base license price of the package. This needs to be ordered once the registration period is up (after the first 12 months). It starts with year number two through the life of the installation.

Ensure you **always** order the latest announced Software Maintenance PID for SI and SI GUI. The SI and SI GUI Software Maintenance PID number will always be the same PID number for the life of SI and SI GUI.

The following are the Software Maintenance Product Identification (PID) numbers for SI V3.4:

- 5639-P72 Store Integrator One Year Software Maintenance Registration/Renewal
- 5639-P73 Store Integrator One Year Software Maintenance After License
- 5639-P74 Store Integrator Three Year Software Maintenance Registration
- 5639-P75 Store Integrator Three Year Software Maintenance Renewal
- 5639-P76 Store Integrator Three Year Software Maintenance After License

The following is a description of each of the feature codes for SI One Year Software Maintenance Registration/Renewal (5639-P72):

- Feature SI Per Terminal/Virtual Session SWM No Charge Registration:
This feature must be selected when initially ordering the SI base license code. It is a **no-charge** feature that registers the user or customer so they are entitled to their 12 months of software maintenance on the SI base code. The total number of the quantity of the SI terminal or virtual session software maintenance feature codes ordered **must** be equal to the total number of the quantity of the SI Terminal/Virtual Session base license feature codes ordered. It should be a one-for-one match.
- Feature SI Per Terminal/Virtual Session SWM One Year Renewal:
This feature must be selected for each SI terminal or virtual session that needs to be renewed before their 12-month no-charge software maintenance for the SI base code is up for renewal. The quantity of the SI terminal or virtual session renewal feature codes ordered **must** be equal to the number of SI terminal or virtual session base license feature codes ordered. It should be a one-for-one match.
- Feature SI GUI Per 4690 Terminal SWM No Charge Registration:
This feature must be selected when initially ordering the SI GUI base code. It is a **no-charge** feature that registers the user or customer so they are entitled to their 12 months of software maintenance on the SI GUI base code. The total number of the quantity of the SI GUI 4690 terminal session software maintenance feature codes ordered **must** be equal to the total number of the quantity of the SI GUI 4690 terminal session base licenses ordered. It should be a one-for-one match.
- Feature - SI GUI Per 4690 Terminal SWM 1 Year Renewal:
This feature must be selected for each SI GUI 4690 terminal session that needs to be renewed before their 12-month no-charge software maintenance for the SI GUI base code is up for renewal. The quantity of the SI GUI 4690 terminal session renewal feature codes ordered **must** be equal to the number of SI GUI

4690 terminal session base license feature codes ordered. It should be a one-for-one match.

The following is a description of each of the feature codes for the SI Software Maintenance One Year After License (5639-P73):

- Feature SI Per Terminal/Virtual Session SWM One Year After License:
This feature must be selected when a customer or user has let their SI software maintenance lapse. This can happen by either a customer or user not ordering software maintenance after the initial 12-month registration period is over **or** a customer or user forgetting to renew their software maintenance. The total number of the quantity of the SI terminal or virtual session one year after license feature codes ordered **MUST** be equal to the total number of the quantity of the SI terminal or virtual session base license feature codes ordered. It should be a one-for-one match.
- Feature SI GUI Per 4690 Terminal SWM One Year After License:
This feature must be selected when a customer or user has let their SI GUI software maintenance lapse. This can happen by either a customer or user not ordering the software maintenance after the initial 12-month registration period is over **or** a customer or user forgetting to renew their software maintenance. The total number of the quantity of the SI GUI 4690 terminal sessions one year after license software maintenance feature codes ordered **must** be equal to the total number of the quantity of the SI GUI 4690 terminal session license feature codes ordered. It should be a one-for-one match.

The following is a description of each of the feature codes for SI Software Maintenance Three Year Registration (5639-P74):

- Feature SI Per Terminal/Virtual Session SWM Registration:
This feature must be selected when initially ordering the SI base license code. It is a feature that registers the user or customer so they are entitled to free support their first 12 of the 36 months of software maintenance on the SI base code. The total number of the quantity of the SI terminal/virtual session software maintenance feature codes ordered **must** be equal to the total number of the quantity of the SI terminal and virtual session base license feature codes ordered. It should be a one-for-one match.
- Feature SI GUI Per 4690 Terminal SWM Registration:
This feature must be selected when initially ordering the SI GUI base code. It is a feature that registers the user or customer so they are entitled to free support their first 12 of the 36 months of software maintenance on the SI GUI base code. The total number of the quantity of the SI GUI 4690 terminal session software maintenance feature codes ordered **must** be equal to the total number of the quantity of the SI GUI 4690 terminal session base licenses ordered. It should be a one-for-one match.

The following is a description of each of the feature codes for SI Software Maintenance Three Year Renewal (5639-P75):

- Feature SI Per Terminal/Virtual Session SWM Three Year Renewal:
This feature must be selected for each SI terminal or virtual session that needs to be renewed before their first 12 months of software maintenance for the SI base code is up for renewal. The quantity of the SI terminal or virtual session renewal feature codes ordered **must** be equal to the number of SI terminal/virtual session base license feature codes ordered. It should be a one-for-one match.
- Feature - SI GUI Per 4690 Terminal SWM Three Year Renewal:
This feature must be selected for each SI GUI 4690 terminal session that needs to be renewed before their first 12 months of software maintenance for the SI GUI base code is up for renewal. The quantity of the SI GUI 4690 terminal session renewal feature codes ordered **must** be equal to the number of SI GUI

4690 terminal session base license feature codes ordered. It should be a one-for-one match.

The following is a description of each of the feature codes for the SI Software Maintenance Three Year After License (5639-P76):

- Feature SI Per Terminal/Virtual Session SWM Three Year After License:
This feature must be selected when a customer or user has let their SI software maintenance lapse. This can happen by either a customer or user not ordering software maintenance after the initial 12-month registration period is over **or** a customer or user forgetting to renew their software maintenance. The total number of the quantity of the SI terminal or virtual session three year after license feature codes ordered **must** be equal to the total number of the quantity of the SI terminal or virtual session base license feature codes ordered. It should be a one-for-one match.
- Feature SI GUI Per 4690 Terminal SWM Three Year After License:
This feature must be selected when a customer or user has let their SI GUI software maintenance lapse. This can happen by either a customer or user not ordering the software maintenance after the initial 12-month registration period is over **OR** a customer or user forgetting to renew their software maintenance. The total number of the quantity of the SI GUI 4690 terminal sessions three year after license software maintenance feature codes ordered **must** be equal to the total number of the quantity of the SI GUI 4690 terminal session license feature codes ordered. It should be a one-for-one match.

Software license includes 1 year Software Maintenance
5639-P71 SI V3.4

5639-P72 Maintenance no charge 1 year registration + 1 year renewal

Feature description	Feature number
SI Per Terminal/Virtual Session SWM NoChg Registration	0001
SI Per Terminal/Virtual Session SWM Yr Renewal	0002
SI GUI Per 4690 Terminal SWM NoCharge Registration	0003
SI GUI Per 4690 Terminal SWM 1 Yr Renewal	0004

5639-P73 Software Maintenance After License, 1 Year

Feature description	Feature number
SI Per Terminal/Virtual Session SWM 1 Yr After License	0001
SI GUI Per 4690 Terminal SWM 1 Yr After License	0002

5639-P74 Software Maintenance 3 year registration (2 year uplift)

Feature description	Feature number
SI Per Terminal/Virtual Session SWM 3 Yr Registration	0001
SI GUI Per 4690 Terminal SWM 3 Yr Registration	0002

5639-P75 Software Maintenance 3 year Renewal

Feature description	Feature number
SI Per Terminal/Virtual Session SWM 3 Yr Renewal	0001
SI GUI Per 4690 Terminal SWM 3 Yr Renewal	0002

5639-P76 - Software Maintenance After License, 3 year

Feature description	Feature number
SI Per Terminal/Virtual Session SWM 3 Yr After License	0001
SI GUI Per 4690 Terminal SWM 3 Yr After License	0002

Below represents how to register your software maintenance along with your initial order for SI V3.4. The econfig tool is available to help you register for software maintenance. If for some reason econfig is not available, you can register your software maintenance as follows:

- Order 5639-P71 for the base license code
 - For the SI including all of the components
 - Select the feature code for the base software license
 - Select the quantity equal to the number of terminal/virtual sessions
 - For only the SI GUI
 - Select the feature code for the base software license
 - Select the quantity equal to the number of 4690 terminals
 - When selecting SI or SI GUI, select feature code 5809 for the SI and feature code 5819 for the SI GUI media base code.

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with Toshiba are contained in the applicable contract documents such as the International Program License Agreement, and the Agreement for Acquisition of Software Maintenance.

Licensing

International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use. The invoice should be used as Proof of Entitlement (PoE).

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

Agreement for Acquisition of Software Maintenance

The Agreement for Acquisition of Software Maintenance (Z126-6018) applies for Subscription and Support (also referred to as Software Maintenance) and does not require customer signatures.

These programs are licensed under the Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. Toshiba includes one year of Software Subscription and Support (also referred to as Software Maintenance) with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

License Information form number

GC27-4116

The program's License Information will be available for review on the Toshiba Software License Agreement website

<http://www.toshibagcs.com/licensing>

Limited warranty applies

Yes

Limited warranty

Toshiba warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. Toshiba does not warrant uninterrupted or error-free operation of the program or that Toshiba will correct all program defects. You are responsible for the results obtained from the use of the program.

Toshiba provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the *Toshiba Global Commerce Solutions Software Support Handbook* found at

<http://www.toshibagcs.com/support/software/documents/handbook>

Toshiba will maintain this information for at least one year after the original licensee acquires the program (warranty period).

Money-back guarantee

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Volume orders (IVO)

Yes. Contact your IBM representative.

Passport Advantage applies

No

Software Subscription and Support applies

Yes. All entitled software licenses include Software Subscription and Support (also referred to as Software Maintenance) for a period of 12 months from the date of acquisition, providing a streamlined way to acquire Toshiba software and assure technical support coverage for all licenses. Extending coverage for a total of three years from date of acquisition may be elected.

While your Software Subscription and Support (Software Maintenance) is in effect, Toshiba provides you assistance for your routine, short duration installation and usage (how-to) questions, and code-related questions. Toshiba provides assistance via telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your Toshiba support center. (This assistance is not available to your end users.) Toshiba provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult the *Toshiba Global Commerce Solutions Software Support Handbook* found at

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Software Subscription and Support (Software Maintenance) does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which Toshiba is not responsible under this agreement.

IBM Operational Support Services - SoftwareXcel

No

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Yes. A 15% education allowance applies to qualified education institution customers.

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered destroyed or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

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