RE6550: *Windows XP and Vista preloads for IBM SurePOS 500, 700, and AnyPlace Kiosk*

Introduction

This document is intended to familiarize you with the various IBM SurePOS™ 500, IBM SurePOS 700, and IBM AnyPlace Kiosk models that are available with the Microsoft® Windows® XP or Windows Vista® operating system preloaded.

Overview

Although IBM recommends Windows Embedded for Point of Service (WEPOS) as the preferred Windows operating system for the point-of-sale (POS) environment, for users who require Windows XP or Windows Vista, this option is now available.

By supporting Windows XP and Windows Vista, IBM demonstrates its continued commitment to open hardware platforms, broad operating system support, and to provide the maximum number of choices for retail customers. Therefore, select WEPOS models of the IBM SurePOS 500 Series are now available with the Windows XP operating system preloaded and select SurePOS 700 Series models and AnyPlace Kiosk models are now available with either the Windows XP or Windows Vista operating system preloaded.

SurePOS 500 Series

Select WEPOS models in the IBM SurePOS 500 Series (machine type 4840, 4846, and 4851) may now be ordered with Microsoft Windows XP preloaded. This option is available on models E44, EZ4, E45, E4Z, E65, E6Z, E14, and E1Z.

Note: Model numbers with a Z are administrative model numbers specifying that the machines have a depot maintenance agreement. From a hardware perspective, there is nothing different between these models and the other models.

SurePOS 700 Series

Select WEPOS models in the IBM SurePOS 700 Series (machine type 4800) may now be ordered with Microsoft Windows XP or Windows Vista operating system preloaded. These preload features can be ordered on models E43 and E83.

Model E43 is model 743 plus the hard disk drive and the preload. Model E83 is model 783 plus the preload.

AnyPlace Kiosk and AnyPlace POS

Select WEPOS models in the IBM AnyPlace Kiosk (machine type 4838) may now be ordered with Microsoft Windows XP or Windows Vista operating system preloaded. These preload features can be ordered on models 51E, 52E, 53E, 54E, 71E, 72E, 73E, 74E, 91E, 92E, 93E, and 94E.

Preload Models

The following chart shows the model numbers of each IBM POS system that is currently available with WEPOS preloaded. All other features of the preload models are identical to the base model numbers shown in parenthesis.

Like the base models, some preload models include a "Z" in the model number. This indicates a unique warranty service offering for a specific country. Be sure to consult the product announcement letter for details about the warranty service that is available in your country.

Note: First, you must order a WEPOS model and then specify the appropriate feature code to get Windows XP or Windows Vista.

POS System	WEPOS Model (Base model)	WEPOS Model (Base model)	WEPOS Model (Base model)	WEPOS Model (Base model)	Preload Option	Feature Code
SurePOS 500 Series (4840, 4846, and 4851)	E14, E1Z (514, 51Z) M/T 4851 On-site repair (except U.S. and Japan – EasyServ repair)	E44, EZ4 (544, 5Z4) M/T 4840 On-site repair (except U.S. – Depot service)	E45, E4Z (545, 54Z) M/T4846 On-site repair	E65, E6Z (565, 56Z) M/T 4846 On-site repair	Windows XP	4122
SurePOS 700 Series (4800)	E43 (743) On-site repair	E83 (783) On-site repair			Windows XP Windows Vista	4122 4125
AnyPlace Kiosk (4838)	5xE (5x0) On-site repair	7xE (7x0) On-site repair	9xE (9x0) On-site repair		Windows XP Windows Vista	4122 4125

Related education

For detailed information about the features and functions of each base model, refer to the following courses:

SurePOS 500

IBM and IBM Business Partners refer to:
> RE4851: *Selling and Supporting the IBM SurePOS 500 model 514*
> RE4841T: *Supporting the IBM SurePOS 500 Series models 544 and 564*
> RE48541S: *Selling the IBM SurePOS Series models 544 and 564*
> RE4846T: *Supporting the IBM 500 Series models 545 and 565*
> RE4846S: *Selling the IBM SurePOS Series models 545 and 565*

Customers refer to:
> RE4841C: *Introducing the IBM SurePOS 500 Series models 544 and 564*
> RE4846C: *Introducing the IBM SurePOS 500 Series models 545 and 565*

SurePOS 700

IBM and IBM Business Partners refer to:
> RE4400S: *Selling the IBM SurePOS 700 Series models 723, 743, and 783*
> RE4400T: *Supporting the IBM SurePOS 700 Series models 723, 743, and 783*

Customers refer to:
> RE4400C: *Introducing the IBM SurePOS 700 Series models 723, 743, and 783*

AnyPlace Kiosk

IBM and IBM Business Partners refer to:
> RE4838S2: *Selling the IBM AnyPlace Kiosk models 5xx, 7xx, and 9xx*
> RE4838T2: *Supporting the IBM AnyPlace Kiosk models 5xx, 7xx, and 9xx*

Customers refer to:
> RE4838C2: *Introducing the IBM AnyPlace Kisok models 5xx, 7xx, and 9xx*

All of these courses are free and available for enrollment at the Retail Store Solutions Education Web site:

IBM employees: w3.ibm.com/sales/systems/thecampus

IBM Business Partners: www.ibm.com/partnerworld/sales/systems/thecampus

IBM Customers: www.ibm.com/education/retail

System support

The following system drivers are included.

The SurePOS 500 Series preload models include:
- UPOS drivers 1.9.4

The SurePOS 700 Series preload models include:
- UPOS drivers 1.9.4 (with Windows XP upgrade)
- UPOS drivers 1.9.5 (with Windows Vista upgrade)

The AnyPlace Kiosk preload models include:
- UPOS drivers 1.9.4

Ordering information

Customers must sign the IBM Customer Agreement (ICA) Attachment for certain Microsoft Windows Embedded Operating Systems prior to their orders being processed. Client teams should work with field Contracts & Negotiation (C&N) to get a copy of this attachment prepared for the customer's signature.

Orders can be entered into Country Ordering System now. Schedule dates will be assigned sequentially. Orders involving multiple units are subject to an extension of schedule. No delivery commitments should be made to customers until confirmed schedules are in Country Ordering System.

In the U.S., if the planned availability and customer-requested arrival dates are within three calendar months, orders can be entered into AAS now. If the planned availability or customer-requested arrival date is more than three calendar months away, use the three-calendar-month backlog process. Schedule dates will be assigned sequentially. Orders involving multiple units are subject to an extension of schedule. No delivery commitments should be made to customers until confirmed calculated arrival dates are in AAS.

ReadMe Documents

ReadMe documents for the SurePOS 500 and AnyPlace Kiosk are included to help you understand what code is included with the preload models and what actions you will need to take to complete the installation process. The SurePOS 700 ReadMe document was not available at the time this course was released, but will be available through the Retail Store Solutions Web site closer to the preload availability date. It should be very similar to the AnyPlace Kiosk ReadMe.

IBM SurePOS 500 ReadMe doc

This ReadMe document describes how the IBM preinstallation of Microsoft Windows XP Professional Desk Top Operating System with Embedded (DTOSe) restrictions Service Pack 2b is set up on IBM Retail Store Solutions hardware and what you need to do to complete the installation of your solution.
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Table of Contents

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I.   Systems supported

    IBM Retail Store Solutions offers XP Professional DTOSe as a standard preinstallation for the following system types:

    SurePOS 500

- 4846-E45
- 4846-E65
- 4846-E4Z
- 4846-E6Z

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II.   Ship-level device drivers

- IBM POS Sensor Driver - v.1.00.01
- MSR (Magnetic Stripe Reader) Firmware Update v.1.60
- ELO Touch Screen Driver Installation Package - v.4.50.2
- Primary Video Driver Installation Package - v.3.2
- Secondary Video Driver ATI Display Adapter - v.8.241a
- Headphone Jack Detection Patch - v.1.00
- System Board INF Driver - v.8.0.1.1002
- Intel Pro® Ethernet Network Driver Package - v.10.3
- Audio Realtek AC'97 Driver Installation Package - v.A5.23

- Microsoft Windows XP Security & Updates
  Note: For reference, a list of the Microsoft Windows Updates that were added to this image is found at C:\RSS\MS_Updates.txt

Installed system unit drivers are located at C:\drivers and also on the IBM Retail Store Solutions hardware support Web site at:

http://www.ibm.com/solutions/retail/store/support

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III. Setup as shipped

The IBM Retail Store Solutions XP Professional DTOSe-preinstalled systems are set up with the following attributes:

- Single hard-drive partition of 31 gigabytes
- FAT32 is the configured file system
- Paging file for virtual memory use set to "System Managed"
- Installed system unit drivers identified in the previous section
- Display End User License Agreement (EULA) on start up
- For your convenience:
  1. IBM UPOS Drivers Install Package v.1.9.4 is included in C:\RSS\UPOS
  2. IBM RSS Remote Management Agent general agent Version V2R2 is included in C:\RSS\RMA

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IV. Initial start

The first time you start XP Professional DTOSe, the following actions occur:

1. The End User License Agreement is displayed.
2. Please read and agree to the EULA.

For future reference, the EULA can be found at C:\RSS\EULA\index.html.
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V. XP Professional DTOSe product key

If you are building your own XP PRO DTOSe image, which you will use to overlay the image that IBM Retail Store Solutions provides, you will need to know the XP Professional DTOSe product key.

You can find the product key on a special sticker placed on the back of the IBM Retail Store Solutions system unit that you purchased. The sticker will read: Microsoft Windows XP PRO Product Key:

XXXXX-XXXXX-XXXXX-XXXXX-XXXXX

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VI. National Language Support

The image provided by IBM is in U.S. English. If needed, you can add support for other languages using the XP Pro Multilingual User Interface (MUI) pack. This MUI pack can be ordered from IBM using Feature Code 4123 with the initial order of your terminal or at a later time.

There are 32 languages supported on five MUI Pack CDs.

CD 1: German, French, Japanese, Chinese Simplified, Chinese Traditional, and Korean.
CD 2: Arabic, Dutch, Hebrew, Italian, Portuguese (Brazil), Spanish, and Swedish.
CD 3: Czech, Danish, Finnish, Norwegian, and Russian.
CD 4: Greek, Hungarian, Polish, Portuguese (Portugal), and Turkish.
CD 5: Bulgarian, Croatian, Estonian, Latvian, Lithuanian, Romanian, Slovak, Slovenian, and Thai.

Do not select the non-unicode program language support when installing any language from the MUI packs.

After you install the language of your choice, you must go into the Control Panel and select "Regional and Language Options" to use the language you have installed. On this menu, you can select the language as the input and output language on the system. Do not select the non-unicode program language options in the "Regional and Language Options" menu.

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VII. Completing your image

To complete the installation of your image, perform the following steps:

1. Visit our Web site at: http://www.ibm.com/solutions/retail/store/support and check for the latest levels of:

BIOS
System unit drivers

UPOS drivers
Remote Management Agent (RMA V2R2 or later)

2. You should also visit the Microsoft Web site to download the latest Microsoft critical and security updates at: http://www.microsoft.com

3. Install your application.

Important: IBM recommends that you make a copy of the hard drive for backup purposes after you have added your application and other software to complete your system image. With this copy, you can recover your entire system in case of a hard drive failure.

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VIII. Recovery CD

A recovery CD is available for the image on your XP Professional DTOSe-preinstalled system. You can use this CD to recover the XP Professional DTOSe image that IBM originally shipped with the unit. The feature code for the recovery CD that is associated with the XP Professional DTOSe-preinstalled system is:

4122 XP PRO DTOSe Recovery CD for SurePOS 500 (4846-E45,4846-E65,4846-E4Z,4846-E6Z)

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IX. Getting help

The IBM Retail Store Solutions Web site contains the latest information on IBM point-of-sale hardware, the newest versions of IBM point-of-sale software, and a knowledgebase containing hints, tips, and fixes for known issues with IBM point-of-sale products. You can also submit your questions or problem reports to TechLine at this Web site: http://www.ibm.com/solutions/retail/store/support/

IBM AnyPlace Kiosk ReadMe document

The ReadMe document describes how the IBM preinstallation of Microsoft® Windows® XP Professional DTOSe restrictions Service Pack 2b is set up on IBM Retail Store Solutions hardware and what you need to do to complete the installation of your solution.

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AnyPlace Kiosk

- 4838-5xE
- 4838-7xE
- 4838-9xE

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II. Ship-level device drivers

- ELO Touch Screen Driver Installation Package - v.4.63.0003
- Video VIA Chrome9 HC Display Driver - v.6.14.10.0101
- **Note:** Screen resolution set to: 1024 by 768 pixels
- Audio Drive High Definition VIA HD UAA - v.3.40a
- Broadcom Ethernet Driver - v.9.75
- Wireless Ethernet Driver - v.6.0.3.107
- VIA 4 in 1 Drivers - v.5.12A
- Microsoft Windows XP Security & Updates
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4124 XP PRO DTOSe Recovery CD for AnyPlace Kiosk (4838-5xE, 4838-7xE, 4838-9xE)

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