

New Revision of Strategy® iES16 Updated with Windows® XP Embedded

Toshiba is very pleased to announce an updated version of our Strategy iES16 integrated voice mail system. We have enhanced the system's hardware with increased Random Access Memory (RAM) and increased Compact Flash storage.

With this hardware update comes the ability to run the Microsoft® Windows XP Embedded operating system, Dialogic Release 6.0, and Strategy ES 6.0.0304 software. No additional voice mail features are included in this launch.

Description

Our updated version of the Strategy iES16 XPE integrated voice processing system ships with the following enhancements;

- Windows XP Embedded
 - Improves overall system functionality.
 - Addresses network security concerns of customer IT personnel.
 - Allows the use of the latest Release 6.0 Strategy ES software, comparable to the software currently running on MAS and MicroMAS systems
- Strategy ES Release 6.0
 - Unified Administration with Network eManager®
 - Strategy iES16 XPE can be administered with the voice mail pages within Network eManager. So, technicians no longer need to switch back and forth between separate administration programs, which makes the installation and programming of systems more efficient.
 - FYI Licensing
 - Strategy iES16 XPE can now be licensed using the same ordering and licensing process as now in place for the Media Application Server. Dealers can order port and feature licenses on FYI and then apply those licenses to the serial number of the target system. New license part numbers will be created to facilitate this new capability.

Note Network eManager must be installed on a remote PC, similar to use with Strata CIX. FeatureFlex® applications are not supported on this new platform.

- Increased Compact Flash storage capacity from 2GB to 4GB, increases available storage to incorporate the requirements for Windows XP Embedded deployment, and increases voice storage from 100 hours to 150 hours. Future Microsoft Service Packs and security updates may consume some voice storage capacity.

- Increased RAM capacity
 - Custom RAM board increasing memory capacity from 256MB to 512MB, providing a more robust operating platform.

Product Line Strategy

The Strategy iES16 XPE system will ship with a default configuration of 4 voice mail ports and 20 seats of Unified Messaging. Additional ports and Strategy ES (SES) software features can be added by purchasing and applying licenses using the same FYI licensing process now deployed for Strata MAS.

The following table shows the new part numbers being introduced in this release;

Part Number	Description
IES16-XPE-4	Base Strategy iES16 XPE system equipped with four ports of voice mail and 20 seats of Unified Messaging.
LIC-4P-VM-SES	Four port upgrade license
LIC-FAX-SES	Fax feature license
LIC-2CH-TTS-SES	Two channels of Text to Speech
LIC-1-UM-SES	One seat Unified Messaging license
LIC-10-UM-SES	10 seat Unified Messaging license
LIC-25-UM-SES	25 seat Unified Messaging license
LIC-50-UM-SES	50 seat Unified Messaging license
LIC-UNLIMUM-SES	Unlimited seat Unified Messaging license
IES16-XP-08-PKG	Package with; one Strategy iES16 XPE 4-port base system and one 4-port license (total 8 voicemail ports)
IES16-XP-12-PKG	Package with; one Strategy iES16 XPE 4-port base system and two 4-port licenses (total 12 voicemail ports)
IES16-XP-16-PKG	Package with; one Strategy iES16 XPE 4-port base system and three 4-port licenses (total 16 voicemail ports)
IES16-XP-4GB	Spare 4GB Compact Flash, factory loaded with Windows XPE, Dialogic 6.0, and Strategy ES 6.0 software. As needed for spares.

Note This new licensing process does not affect earlier models of Strategy iES16 and iES32. These earlier model systems will continue to use the preexisting upgrade process and associated part numbers.

Spare 4GB Compact Flash

New with this launch, Toshiba is making available a 4GB compact flash module, factory loaded with a copy of Windows XP Embedded, Dialogic Release 6.0, and Strategy ES 6.0 software that can be purchased as needed for spare parts for the Strategy iES16 XPE. Replacement is as easy as removing the old CF and installing the new CF. Once the system has booted up, follow the instructions listed later in this document for accessing the system with Remote Desktop and Licensing Instructions.

Important! This spare compact flash can only be installed on a Strategy iES16 XPE system. Installing this module on earlier models of Strategy iES16 will result in a system failure.

To make efficient use of this spare compact flash (Toshiba part number IES16-XP-4GB CF) to repair a field system, it is strongly recommended that the target system be previously backed up using Toshiba's Backup and Restore Utility (Version 2.26 or later). When a back up database is not available, technicians will need to use a spare copy of the system's latest FYI license file to return the system to its previous license configuration.

Product Discontinuance

With the announcement of this new Strategy iES16 XPE model, Toshiba is announcing the immediate product discontinuance of the Windows NT based Strategy iES16 models. These systems will receive product support through the standard warranty period, as well as any extended warranty service time. Refurbished Windows NT based iES16 systems are still available in our Discount Marketplace while supplies last.

Compatibility

There is no change to the compatibility standard of the Strategy iES16.

Pricing

Pricing remains the same, there is no increase for this new updated system. Pricing for the part numbers listed above can be found in the online price book located on FYI. A new version of Quote (VR5.2T02) will include the new parts, packages, and pricing for this release.

Documentation

Most of the existing Strata CIX and Strategy ES documentation can continue to be used to support the installation and programming of this updated board. However, because Network eManager is now used to program this system instead of Strategy ES Administration, technicians will need to become acquainted with the Voice Mail System Configuration specific programs that define the Strategy iES16 XPE integration with the Strata CIX. User mailboxes are programmed just like the Strata MAS.

All pertinent Strategy ES documentation, e.g. General Description, Installation and Maintenance, etc. will be updated with the information relevant to this new model of the Strategy iES16 XPE. Electronic copies of these updated documents will be posted on FYI.

Important!

All Strategy iES16 XPE units will ship with the Windows XP Embedded image pre-configured with the Windows Firewall enabled and the IP sockets required to allow Toshiba application access.

Toshiba strongly advises that these settings not be altered in any way.

Changing the pre-configured settings may render the system inaccessible, which could lead to a catastrophic functionality failure of the product.

Availability

Strategy iES16 XPE is ready for immediate availability. Please consult Toshiba's online price book for pricing and additional ordering information.

Network eManager Programming

Programming for the Strategy iES16 XPE system is performed using Network eManager, V5.20B05 or later. All of the Strata CIX system specific programming is identical to the way the iES16 was installed before, except the one screen shown below.

All of the voice mail specific programs are identical to the way a the Strata MAS is programmed using Network eManager. The only real difference is that Network eManager is used instead of Strategy ES Administration.

The following Strata CIX system parameters need to be configured for iES16 XPE operation.

IP SMDI

The following page must be filled out correctly for Strategy iES16 XPE to function correctly with IP SMDI from the CIX;

1. Access the LAN Device tab.
2. Change the LAN Port Index No. to **10**
3. Confirm the setting for Protocol is **TCP**(default)
4. Confirm the setting for Application Type is **Client** (default).
5. Confirm the setting for Data Flow is **Asynchronization** (default).
6. Confirm the setting for Server Port No. is **0** (default).
7. Enter the Client IP address of the Strategy iES16 XPE.
8. Set the Client Port No. to **1000**.
9. Confirm the setting for Read Retry No. is **1** (default).
10. Confirm the setting for Write Retry No. is **1** (default).
11. Confirm the Caller Name Set To CSTA parameter is **No** (default).

TOSHIBA
Leading Innovation >>>

Strata CIX NETWORK EMANAGER
TOSHIBA TELECOMMUNICATION SYSTEMS DIVISION
User Name: Administrator

Strategy ES > System > Station > Trunk > IP-Telephony > LCR/DR > Strata Net

System - I/O Device

DS

CIX_and_iESXPe

IO Logical Device **LAN Device** **RS232 Serial Port**

801 CIX/CTX NETWORK JACK LAN DEVICE ASSIGNMENTS

00 LAN Port Index No.	10	List	
01 Protocol	TCP	02 Application Type	Client
03 Data Flow	Asynchronization	04 Server Port No.	0
05 Client IP	172.16.2.234		
06 Client Port No.	1000		
07 Read Retry No.	1	08 Write Retry No.	1
09 CallerName Set To CSTA	No		

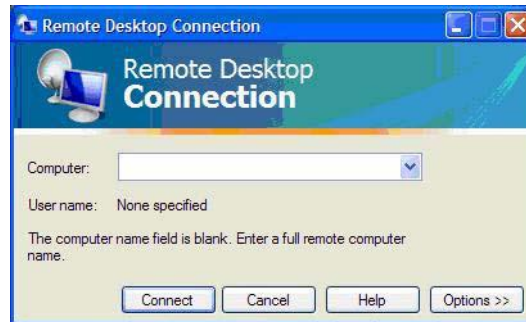
Remote Desktop Connection

To license the system, you will need to use the Microsoft Remote Desktop feature to access the Windows XPE desktop.

The Strategy iES16 XPE is preconfigured for Remote Desktop access. However Toshiba recommends changes to some of the Remote Desktop settings on the PC you will be using to connect to the Strategy iES16 XPE. These changes should be made before you access the iES16 XPE.

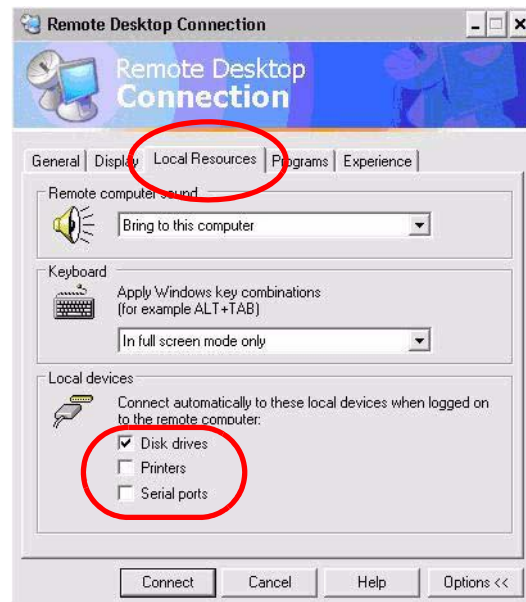
Use the following procedure to setup the PC you will use to access the iES16 XPE.

1. Launch Remote Desktop, go to Start Menu\Programs\Accessories\Remote Desktop Connection. Click on **Options**.



2. Click on the Local Resources tab.
3. From this point, the instructions differ slightly depending on whether the accessing PC is running Windows XP SP2, Windows XP SP3, or Windows Vista.
For Windows XP SP2 go to [Step 4](#).
For Windows XP SP3 or Windows Vista go to [Step 5](#).

4. (Windows XP SP2) In the Local devices area, check Disk Drives and uncheck Printers and Serial ports. Then, go to the [Licensing Instructions](#).



5. (Windows XP SP3 and Windows Vista) In the Local devices and resources area, uncheck Printers and Clipboard then, click on the **More** button.



6. Select the disk drive with the License container file (refer to [Licensing Instructions](#)). In this example drive C is selected. Click on **OK** to complete configuration.



7. Go to the [Licensing Instructions](#).

Licensing Instructions

The process to order and apply licenses to a Strategy iES16 XPE system via Toshiba's FYI website is very similar to the process used to license the Media Application Server (MAS). However, the process to activate licenses on the iES16 XPE system differs significantly from the process to activate licenses on a MAS.

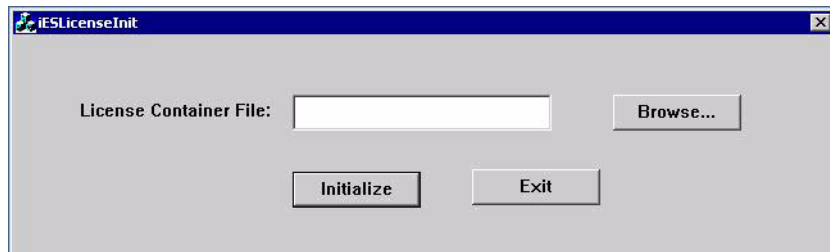
The process for ordering licenses is the same as for the MAS, as is the process of applying ordered licenses to specific serial numbers and generating the License Container file (.xml).

Once the License Container file is either emailed or downloaded from Toshiba's FYI webbiest, the process to activate licenses on the Strategy iES16 XPE differs significantly from MAS. Because Network eManager is not installed on the Strategy system, Network eManager cannot be used to activate the license file on the system. A separate application has been created for this purpose and has been factory installed on the Strategy iES16 XPE.

License Activation Procedure

1. Email or download the license container (.xml) file from FYI to the hard drive of the computer that you will use to access the Strategy iES16 XPE system.
2. Begin a Remote Desktop connection with the target Strategy iES16 XPE system.
3. Once connected, copy the .xml file to the C:\StrategyES\License folder on the Strategy iES16 XPE system.
4. On the desktop select **Start > All Programs > Strategy Enterprise Server Administration\iES Licensing**.

- The new licensing application will launch and present the following screen.



- Click on the **Browse** button to locate and select the License Container file that was copied to C:\StratagyES\License folder on the Stratagy iES16 XPE system.
- Click on the **Initialize** button.
- When the license has been activated the iES License Initialize dialog box will appear, click on **OK**.
- Use the Sam Query option to confirm that the desired licenses have been activated.



The similar license display screen in Network eManager cannot be used with the Stratagy iES16 XPE.

Trademarks

Strata® and CIX™ are registered trademarks or trademarks of Toshiba Corporation.

Microsoft®, Windows®, are registered trademarks of Microsoft Inc.

Trademarks, registered trademarks, and service marks are the property of their respective owners.