

IPedge® Application Server for the Strata CIX System

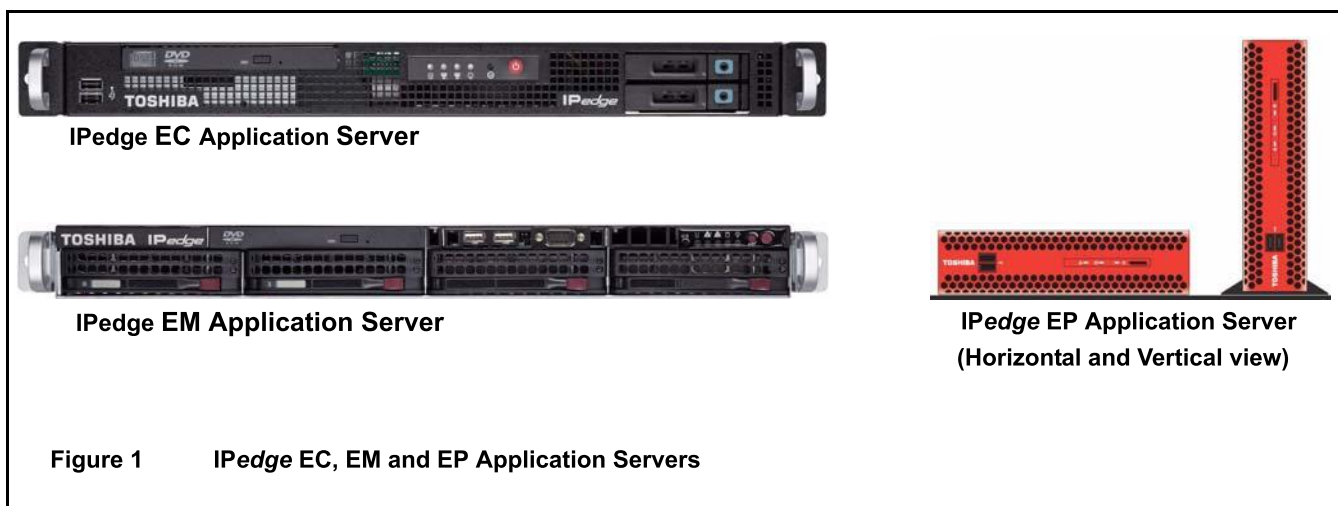
The IPedge Application Server for Strata CIX (shown below) integrates three important applications – Messaging, Call Manager, and Meeting into a single server saving you money rather than buying the applications separately and provides a pathway to full IP Telephony deployment in the future.

IPedge Messaging gives you voicemail, unified messaging, and an Android/iPhone client that lets you manage your messages and make and receive calls from your smartphone; enabling your effectiveness when you're not at your desk.

IPedge Call Manager integrates your PC with call control on the Strata CIX so you can make calls from your contacts, text chat with your colleagues if you see they are on the phone, and take your calls at your home-office; enabling your effectiveness when you using your PC.

IPedge Meeting makes conference calls more like meetings by allowing you to share a presentation and even your video when you are talking remotely; making your conference calls more effective.

All three of these applications are integrated on the IPedge Application Server for Strata CIX which is available in three sizes so that you can choose the most cost effective model for your site. Whether you start with only one application or all three, the IPedge Application Server for Strata CIX enables you and your business telephone system to be more effective.



IPedge App Server Solution

On a single server, IPedge App Server provides the following:

- Voice Mail / Unified Messaging – Voicemail is built-in and can be configured as either a single centralized voicemail system for the entire enterprise or as a distributed voicemail system for each site.
- Unified Communications – Unified Communications is built-in and provides Call Control from PC, Chat and Presence on the desktop (Call Manager).

There are two levels of IPedge Call Manager:

- Call Manager Advanced version provides enhanced functionality, including full Unified Communications (UC). Purchase Call Manager Advanced license (I-CM-1) when full UC capabilities are required.
- Call Manager Standard – Existing users of the powerful Strata Call Manager (SCM) will continue to enjoy all the features of the SCM in the new IPedge Call Manager. The smart installation procedure will install CM or SCM based on which system the client will connect to.

Call Manager Features	Standard	Advanced
LCD/Main window	Yes	Yes
Main 9 buttons	Yes (no ACD/action)	Yes
Action/personal handler (no screen pop, etc)	-	Yes
VoIP option	-	Yes
History	-	Yes
Contacts	-	Yes
Chat	-	Yes
More buttons	-	Yes
Built-in web browser	-	Yes
ACD viewer	-	Yes
Dialer	-	Yes
TAPI integration (ex.dialing from Outlook)	Yes	Yes
Settings inheritance upon upgrade full version	-	N/A

- Meet-me Conference and Web Collaboration – Having built-in conferencing and web collaboration eliminates costly monthly subscription fees. The integrated conferencing and web collaboration tool boasts an extensive list of features including the following all on a simple and easy-to-use GUI.
 - On Demand Conferencing
 - Scheduling One-time Calls
 - Scheduling Recurring Calls
 - Web-based Reporting
 - Video
 - Desktop Sharing
 - PDF Upload
 - Telephony User Interface (TUI) for Moderator and Participants

Part Numbers

The IPedge Application Server only requires one license per platform.

Table 1 IPedge Application Server for Strata CIX Part Numbers

Platform	Part Numbers Required	Description
EP Application Server	I-EP-1A	IPedge EP server with AC adaptor. Factory equipped with single 250GB hard drive, 4GB RAM, and all the necessary software to support IPedge features.
	I-APP-EP-DISC	IPedge EP Application Server Discount Bundle. Includes system license, recovery DVD, and 6 free call manager standard licenses. One system license required per Server. Includes 1 x I-APP-EP, 6 x I-CM-STD1 and 1 x I-RCVY-DVD-VF. Limit 1 per system. I-APP-EP includes 1 X SYS-PLTFM-EP, 1 X I-MSG-BASE, 6 X I-MSG-ADV.
	I-APP-UP-EP-DSC	The IPedge Application Server Upgrade License for the EP at a special discount. Includes I-APP-UP-EP [Includes 6 x I-CP-USR-EP, 3 x I-CP-TRUNK, 1 x I-MS-BASE, and 8 x I-MSG-CH. Requires I-APP-EP]. Requires I-APP-EP
	I-APP-EP-VM24	Upgrade to 24 Messaging channels for the IPedge EP. Important! An IPedge EP App Server with 24 Messaging channels can not be upgraded to include call processing with the I-APP-UP-EP license. To upgrade, migrate to an IPedge EC server. Limit 1 per system.
EC Application Server	1-EC-1A	IPedge EC model rack mount server. Factory equipped with single 160GB SATA hard drive, 4GB RAM, and all the necessary software to support IPedge features. Mounting rails are required, see the 4-post (I-EC-RL4-1A) or 2-post (I-EC-RL2-1A) rail kits sold separately.
	I-APP-EC-DISC	IPedge EC Application Server Discount Bundle. Includes system license, recovery DVD, and 24 free call manager standard licenses. One system license required per Server. Includes 1 x I-APP-EC, 24 x I-CM-STD1 and 1 x I-RCVY-DVD-VF. Limit 1 per system. I-APP-EC includes 1 X SYS-PLTFM-EC, 1 X I-MSG-BASE, 24 X I-MSG-ADV.
	I-APP-UP-EC-DSC	The IPedge Application Server Upgrade License for the EC at a special discount. Includes I-APP-UP-EC [which includes 24 x I-CP-USR-EC, 12 x I-CP-TRUNK, 1 x I-MS-BASE, and 32 x I-MSG-CH] Requires I-APP-EC.

Table 1 IPedge Application Server for Strata CIX Part Numbers (continued)

Platform	Part Numbers Required	Description
EM Application Server	I-EM-1A	IPedge EM model rack mount server. Factory equipped with two 300GB SAS hard drives in RAID1 configuration, 12GB RAM, dual redundant power supplies, and all the necessary software to support IPedge features. System ships with one 4-post rail kit.
	I-APP-EM-DISC	IPedge EM Application Server Discount Bundle. Includes system license, recovery DVD, and 32 free call manager standard licenses. One system license required per Server. Includes 1 x I-SYS-EM, 32 x I-CM-STD1 and 1 x I-RCVY-DVD-VF. Limit 1 per system. I-APP-EM includes 1 X SYS-PLTFM-EM, 1 X I-MSG-BASE, 32 X I-MSG-ADV.
	I-APP-UP-EM-DSC	The IPedge Application Server Upgrade License for the EM at a special discount. Includes I-APP-UP-EM [Includes 32 x I-CP-USR-EM, 16 x I-CP-TRUNK, 1 x I-MS-BASE, and 60 x I-MSG-CH] Requires I-APP-EM

Table 2 Additional Application Licenses

License Part Number	Description
I-MSG-ADV	IPedge IP Messaging Advanced User - per user. This license includes basic voicemail features plus unified messaging.
I-CM-1	IPedge Call Manager Advanced, 1 user license. Provides desktop call control. PC phone functionality, and chat text messaging capabilities. One license is required for each user. VoIP voice plug-in is sold separately per user.
I-CM-STD1	Single client license for IPedge Call Manager Standard version provides the screen based telephony and Outlook Contact dialing. Bundled with IPedge user license and not required to purchase.
I-CM-V1	IPedge Call Manager voice plug-in license to add VoIP for Strata Call Manager. Requires one IPedge Call Manager License (I-CM-1) as well as one IPedge user license (I-CP-USR-XXX).
I-MT-A	IPedge Meeting meet-me conferencing audio channel License. One required for each simultaneous meet-me audio conferencing participant. Minimum 4.
I-MT-RCD	IPedge Meeting Audio Conference Record License. One required for each simultaneous channel of audio conference recording.
I-MT-V	IPedge Meeting Video Channel license. This is used to upgrade a system to video. The number of video channels must equal the number of web channels.
I-MT-W	IPedge Meeting Web Conference Application - per concurrent user IPedge Meeting meet-me conference web collaboration channel license. One required for each simultaneous web collaboration session participant.

Application Capacities

Table 3 Enterprise Manager

	EC App Server	EM App Server	EP App Server
Enterprise Manager Simultaneous Sessions	16	32	4
Web Based Station Admin Simultaneous Sessions	64	128	4

Table 4 Media Server

	EC App Server	EM App Server	EP App Server
Resources	174	480	22

Table 5 Meeting

	EC App Server	EM App Server ¹	EP App Server
Audio Channels	24	24	4
Web Sessions	24	24	4
Video Sessions	24	24	4
Conference Record	4	8	1

¹ Limit of 24 on IPedge App Server for Strata CIX configuration due to requirement for single MIPU on Strata CIX.

Table 6 Call Manager

	EC App Server	EM App Server	EP App Server
Users with Call Manager	200	800	40

Table 7 Messaging

	EC App Server	EM App Server	EP App Server
Departments	999	999	999
Mailboxes (basic or UM)	5,000	10,000	1,000
Script Mailboxes	1,000	1,000	1,000
Simultaneous Calls	24 ¹	24 ¹	8 or 24 ²
Hours of Storage	4,000 hours	7,000 hours	4,000 hours

¹ Limit of 24 on IPedge App Server for Strata CIX configuration due to requirement for single MIPU on Strata CIX.

² If 24 channels are enabled, the system cannot be upgraded to include call processing using the I-APP-UP-EP-DSC.

Hardware Requirements for Fax

The IPedge App Server fax functionality requires the use of a SIP-FXO analog Gateway, similar to the way Strata Messaging handles fax, to pass the fax transmissions to and from the system. Toshiba has tested and approved the AudioCodes® gateway model MP114 (Toshiba part number AC-MP1144O-BNDL). This AudioCodes gateway is available for purchase on our Toshiba FYI website. The latest version of CIX Quote (V6.40 or higher) incorporates gateway part number. Analog circuits must also be installed and programmed in the Strata CIX. The AudioCodes gateways purchased from Toshiba include a one year warranty, one year of maintenance support, and one year of advanced warranty replacement service. Additional years of support services will be available for purchase from Toshiba at a later date.

Strata CIX System Requirements

- R5.20MT065 or higher
- MIPU 02-11 firmware

Note One port on an MIPU card is required for each channel of IPedge Messaging or IPedge Meeting that is being attached to the Strata CIX system. All MIPU ports to be used for IPedge Messaging must be on the same MIPU card. All MIPU ports to be used for IPedge Meeting must be on the same MIPU card. IPedge Messaging and IPedge Meeting do not have to use the same MIPU card.

License Information

License Part Number	Description
LIC-CIX-IP-PORT	IP endpoint license required for each IPedge Messaging or Meeting channel.
LIC-ACD	Net Server license required for Call Manager connection to the IPedge system.

Note SMDI integration does not require a Strata CIX license.

Warranty, Software Support and Upgrades

With the IPedge system, we are introducing new programs for warranty and software support and upgrades. These programs are designed to carry on Toshiba traditions for quality and low total cost of ownership, while recognizing the expansion from the hardware-centric converged systems to software-centric, server-based unified communications platforms.

Warranty

IPedge servers include a standard one year limited warranty on hardware that includes advance replacement. This warranty can be extended for a period of 2, 3 or 5 years. This warranty includes advanced replacement of equipment.

Software Support with Upgrade Service

The purchase of a new IPedge system includes one year of software support with upgrades. This annually renewed program includes technical support, problem fixes, as well as minor and major software releases.

The Software Support and Upgrade program should be renewed on an annual basis, if not renewed, a reinstatement fee of 25% will be applied. Please refer to the IPedge General Description for more details.

Documentation

Internet site FYI (<http://fyi.tsd.toshiba.com>) contains all current IPedge documentation and enables you to view, print and download current publications. On FYI, see IPedge > Documentation for:

- Strata CIX General Description
- IPedge Application Server for Strata CIX Installation Manual
- IPedge Telephone, Messaging, and Call Manager User Guide
- IPedge Feature Description and Implementation

Availability

The IPedge is currently available. Dealer Sales and Technical Training and Certification is required to purchase the IPedge system(s).

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