

Announcing the new SoftIPT® 2.0 application

Introduction

The TOSHIBA SoftIPT 2.0 is the newest revision of Toshiba's very popular SoftIPT phone application. The SoftIPT 2.0 will run on PCs, smartphones, Pocket PC® and PDAs. The PC version runs on wired or wireless laptops, tablets and desktop PCs using Microsoft® Windows® XP and Windows 2000. The TOSHIBA SoftIPT 2.0 on PC integrates the power of the PC with all of the features available on a DKT3000-series telephone. You can use most of the features described in the Strata CTX/CIX - DKT/IPT User Guide. Refer to this guide for instructions on using features which are not described here.



Figure 1 SoftIPT 2.0 in Manual Login Mode

New features of the SoftIPT 2.0

New features added to the SoftIPT 2.0 include:

- IP User Mobility support
- USB Headset device support
- PC microphone/speaker echo canceller
- Support for primary and secondary IPU for fail-safe purposes
- Support for auto-login on start-up
- The SoftIPT 2.0 application can be configured to run in the background
- Supports multiple Outlook® profiles
- Speaker key can now be mapped to your keyboards Function keys

Competitive Advantages

One of the most important features of the SoftIPT 2.0 is the full support of IP User Mobility. With IP User Mobility, the user can configure the SoftIPT 2.0 for manual login mode, allowing multiple users to share the SoftIPT 2.0 without re-configuration. A user can log into his personal extension even if the extension number is currently registered on another SoftIPT 2.0 or IPT set.

Outlook users now have the ability to use multiple Outlook profiles. The previous version of the SoftIPT 2.0 only used the default Outlook profile to “pull-in” Outlook contacts.

SoftIPT 2.0 now has the option of running in the background. PC users can continue to perform their daily work operations and have the SoftIPT 2.0 reside in the system tray.

From the voice of the customer, we have implemented support for a Primary and a Secondary IP address. When the SoftIPT 2.0 starts up, it automatically tries to connect to the primary IPU address. If the attempt is unsuccessful, the SoftIPT 2.0 will automatically try the secondary IPU address.

Hardware/Software Required

- Strata CIX with CIX R3.0 central software or higher. IP User Mobility requires R5.0 software or higher with an LIPU or MIPU.
- Requires wired or wireless (802.11) network connection to the BIPU/LIPU/MIPU.
- Customers must supply their own access point.
- Voice communication uses Megaco+ protocol for call control signaling and RTP for voice transmission.
- Windows 2000, Windows XP, Vista (refer to Vista note below)

Note Microsoft Windows Vista users

The new Toshiba SoftIPT 2.0 will install and run under the Microsoft Windows Vista platform. However, some features that have not yet been fully integrated. The acoustic echo canceller is not yet available. USB handset support for Microsoft Vista is also not currently available. All of these features are available for Windows XP.

Hardware/Software Required for Mobility

The table below shows the minimum software versions required for SoftIPT 2.0 operation.

Software	Version
CIX R5.0	MR015
GIPH/LIPU	LIPU_02_03
MIPU	MIPU01_01
eManager R5.0	V5.00A11 or later

SoftIPT 2.0 has been tested on the following PCs

- TOSHIBA, Satellite Pro M10, 1.6GHz, 512MB, "SoundMAX Digital Audio," Windows XP pro
- TOSHIBA, Tecra S1, 1.5GHz, 512MB, "SoundMAX Digital Audio," Windows XP pro
- TOSHIBA, Portege 3500, 1.3GHz, 256MB, "ALi Audio Wave," Windows XP pro
- TOSHIBA, Satellite 5200, 2GHz, 512MB, "YAMAHA® AC-XG WDM Audio," Windows XP pro

PC Audio Devices

- Analog Devices (ADI)
- ALi Audio Wave
- YAMAHA AC-XG

Headset

- GN Netcom 8120

Pre-Installation Information

Before installing the SoftIPT 2.0, please make sure that you have the following information. Your dealer technician or your administrator will have to provide this information to you. Refer to [Figure 2](#).

- SoftIPT 2.0 Extension number (DN)
- Outside line access code
- Long distance dialing prefix
- IP address of the LIPU/MIPU
- The correct network adapter that the SoftIPT 2.0 will use to connect to the IPU card.

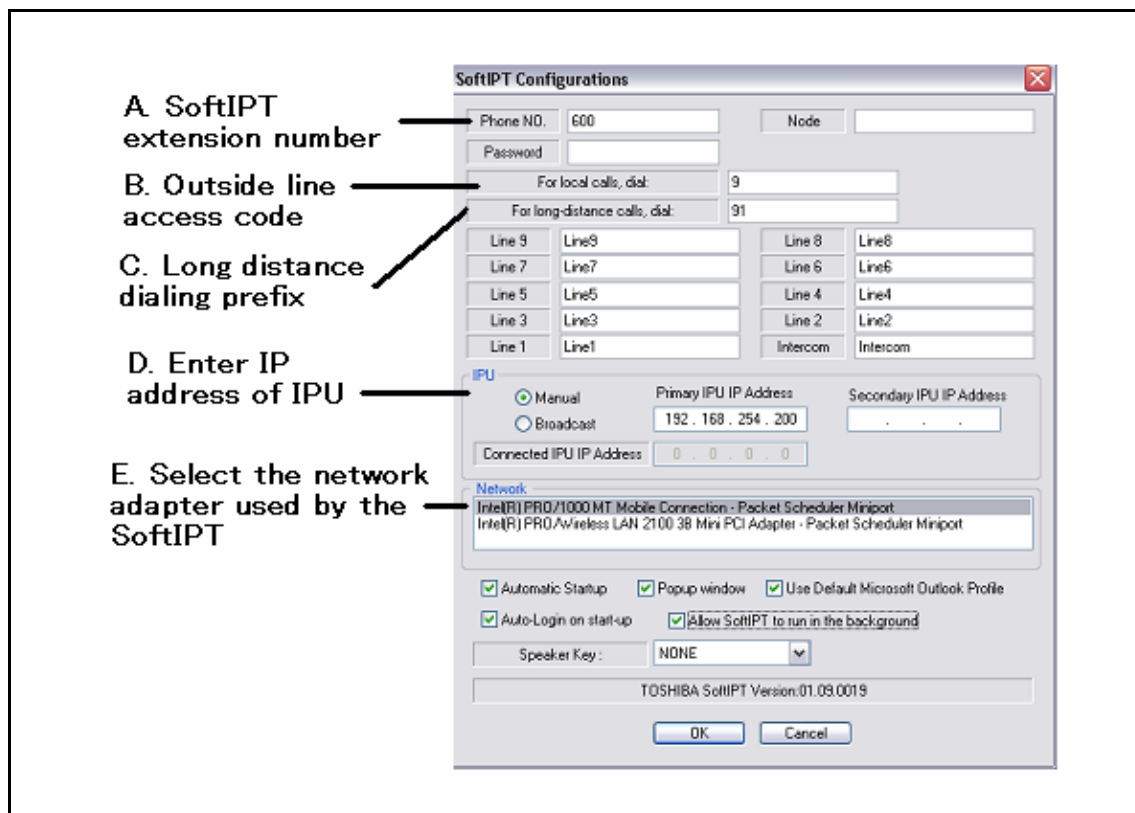


Figure 2 SoftIPT Configuration Screen

Installing SoftIPT 2.0

SoftIPT 2.0 can be installed from a self-extracting archive file downloaded to your computer.

Note When installing SoftIPT on a PDA ensure that ActiveSync® is running.

1. Download the SoftIPT software from the Toshiba Beta FTP website.
2. Launch the SoftIPT setup file.
3. Follow the screen prompts to complete the installation.

Configuring the SoftIPT 2.0

1. After you have installed the SoftIPT 2.0 from the CD-ROM or self-extracting archive, double click on the SoftIPT 2.0 icon on your desktop. The SoftIPT 2.0 Configuration window opens.
2. In the SoftIPT 2.0 Configuration window, enter the following:
 - SoftIPT 2.0 extension
 - Password
 - Node
 - Outgoing prefix
 - Long distance prefix
 - IP address of IPU
 - If there are multiple network adapters, select the one for SoftIPT 2.0.
 - Automatic startup (the automatic startup of SoftIPT 2.0 after starting up your PC)
 - Popup window (the popup window function after receiving a call).
 - Use Default Microsoft Outlook Profile
 - Auto-Login on start-up
 - Allow SoftIPT 2.0 to run in the background
3. Click OK.
 - Changing button labels ("Intercom" and "Line 1"-"Line 9") is optional. See Labeling Feature Buttons for details.
 - When you call using the SoftIPT 2.0 directory, SoftIPT 2.0 automatically attaches this outgoing prefix for local calls and this long distance prefix for long-distance calls, respectively.
 - SoftIPT 2.0 tries to connect to the IPU using the following address in turn: (A) Primary IPU IP address, (B) Secondary IPU IP address
After that, if broadcast is chosen, SoftIPT 2.0 tries to find the IPU by sending a broadcast message, otherwise it goes back to (A). The SoftIPT 2.0 skips the Primary IPU IP address or Secondary if it's not set. In either case, if the SoftIPT 2.0 successfully connects to the IPU, the IPU IP address is shown in the "Connected IPU IP Address" area. See your System Administrator for IPU address.

Note If you chose Broadcast, the broadcast message is, generally, sent on the same subnet, which means the SoftIPT 2.0 can connect to the IPU on the same subnet using Broadcast

mode without designating IPU IP address. However, in some PC environments, the SoftIPT 2.0 cannot complete this broadcast registration sequence because some network devices may prevent broadcast messages. In this case, we recommend using Manual mode if the SoftIPT 2.0 cannot find IPU by broadcast.

- The SoftIPT 2.0 can use Outlook (not Outlook Express) as its directory. If you have setup multiple Outlook profiles, you can select one of the profiles when launching SoftIPT 2.0 if you uncheck this box.

Checking Outlook profiles on your PC

Use the following procedures setup your Outlook profiles.

1. Select **Start > Control Panel > Mail** (If you've installed Microsoft Outlook, you can usually find Mail icon on Control Panel.)
2. Double-click the **Mail** icon (See the [Figure 3](#) below).
3. Click on the “**Show Profiles...**” button .
4. Here are all the profiles you've setup on your PC (Refer to [Figure 4](#).)
 - If you uncheck this box, you can input extension number every time you log in.
 - This box deals with a behavior when you press X button on the upper right corner of SoftIPT 2.0 main window.
 - Run in the back ground if this box is unchecked.
 - Exit SoftIPT 2.0 if this box is checked.

Note You can recognize that SoftIPT 2.0 is running in the background after closing the window because the SoftIPT 2.0 icon is in the task tray in the bottom right corner of your PC screen.

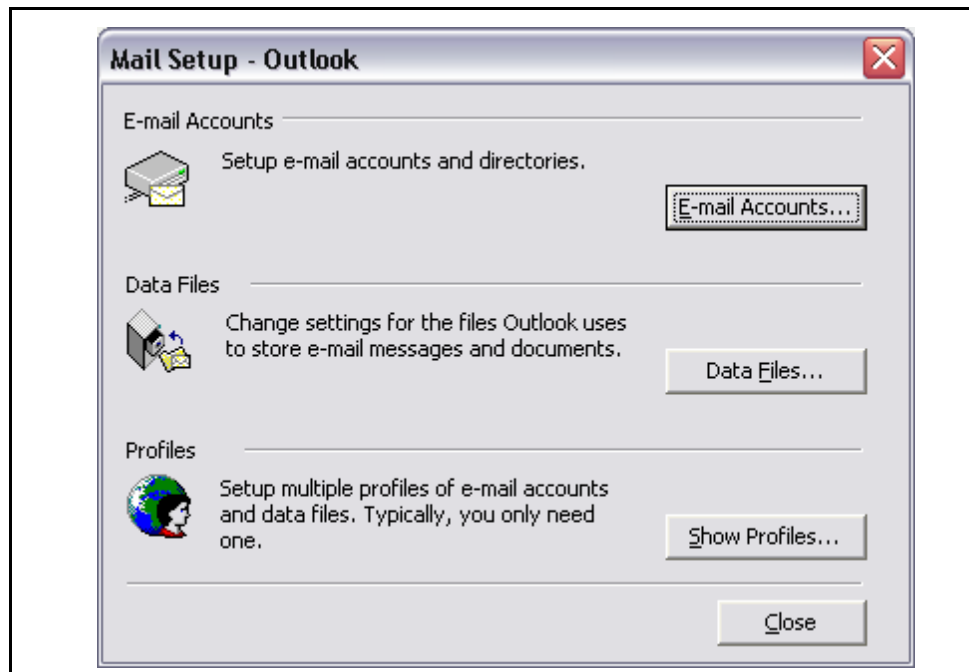


Figure 3 Mail Setup - Outlook

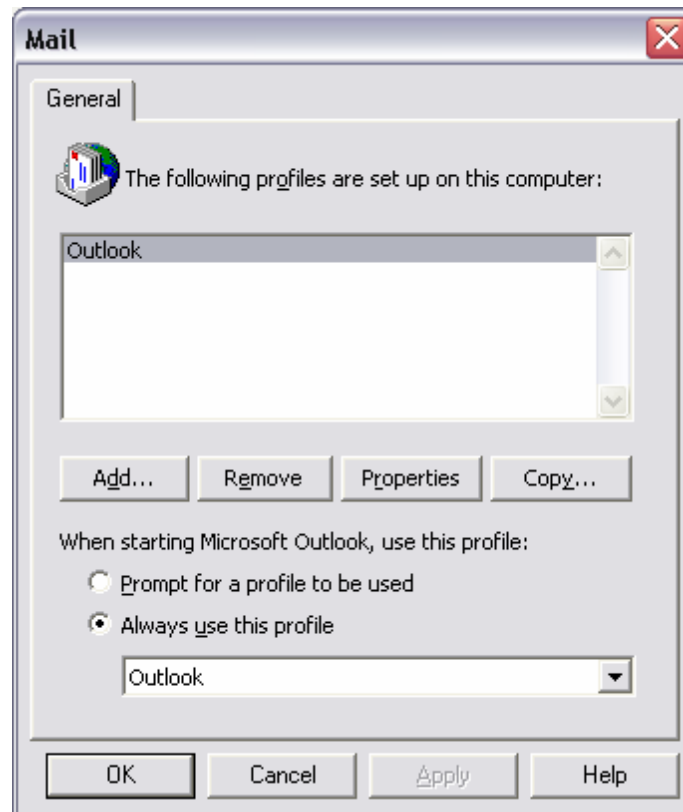


Figure 4 Mail

Starting the SoftIPT 2.0 and making a Call

Click on the **Speaker** button. Listen for dial tone (If you have “hot dialing,” skip this step. To verify hot dialing, click on any dial pad button, if you hear dial tone, you have “hot dialing.”).

- To dial a phone number, click the on-screen dial pad buttons or input numbers (asterisk key, pound key) from the PC keyboard.
- Click Speaker button to end the call.



Figure 5 SoftIPT 2.0 - Making a call

Licensing

The Toshiba SoftIPT 2.0 on a PC or PDA requires the same licenses as the previous version. The SoftIPT licenses are listed below:

- LIC-CIX-IP PORT
- LIC-CIX-SOFTIPT

Trademarks

Toshiba, Strata, and CIX are registered trademarks of Toshiba Corporation.

eManager and SoftIPT are trademarks of Toshiba America Information Systems, Inc.

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