


IP1100+ Upgrade Procedures

Checking for Upgrade Availability

1. Log into the PBX



The screenshot displays two login panels side-by-side. The left panel is titled 'ADMIN LOGIN' and contains a 'User Name' field with the text 'pbxadmin', a 'Password' field with seven dots, and a 'Login' button. The right panel is titled 'USER LOGIN' and contains empty 'User Name' and 'Password' fields, along with a 'Login' button. At the bottom of the screenshot, there is a copyright notice: 'Copyright © 2009 IPitomy Communications, LLC. All rights reserved. EULA & Warranty Information'.

2. Navigate to PBX Setup=>Services and note the firmware version. If the PBX firmware is earlier than 3.x-xxxx then your system requires a Hard Drive upgrade before you will be able to load any 3.x firmware onto the system. Please contact your IPitomy Sales Representative if an HD upgrade is needed; otherwise continue with the steps laid out in this guide.



The screenshot shows a 'System Information' section with a header bar. Below the header, the text 'System Software Version: 3.0-1949' is displayed.

System Backup

1. Go to PBX Setup=>Database

This Software Version Requires Database Version 1.0.23

Backup Current Database

Load a Database File

<input type="checkbox"/> Date/Time	Version	Action
<input type="checkbox"/> Thu 05th of Mar 2009 04:12:48 pm	1.0.23	<input type="checkbox"/> <input type="button" value="X"/> <input type="button" value="Refresh"/> <input type="button" value="Down"/>
<input type="checkbox"/> Fri 27th of Feb 2009 10:35:56 am	1.0.23	<input type="checkbox"/> <input type="button" value="X"/> <input type="button" value="Refresh"/> <input type="button" value="Down"/>
<input type="checkbox"/> Wed 04th of Feb 2009 05:57:22 pm	1.0.23	<input type="checkbox"/> <input type="button" value="X"/> <input type="button" value="Refresh"/> <input type="button" value="Down"/>
<input type="checkbox"/> Wed 04th of Feb 2009 05:45:57 pm	1.0.23	<input type="checkbox"/> <input type="button" value="X"/> <input type="button" value="Refresh"/> <input type="button" value="Down"/>
<input type="checkbox"/> Fri 09th of Jan 2009 06:11:17 pm	1.0.23	<input type="checkbox"/> <input type="button" value="X"/> <input type="button" value="Refresh"/> <input type="button" value="Down"/>

2. Click Backup to create a backup of the current database
3. Find the most recent backup and click the Down action arrow to download this database to your computer

Downloading the Firmware File

1. In a web browser, navigate to http://www.ipitomy.com/pbx_files/ip1500/

IPITOMY SMARTER BUSINESS COMMUNICATIONS

IP1200/1500/2000 Updates

Release Notes:

- [3.0 Release Notes](#)
- [3.0-1957-Release Notes](#)
- [3.0-1980-Release Notes](#)
- [Current Release - 3.0-1980](#)
- [Previous Releases](#)

Documentation

- [IP1200/1500/2000 Manual](#)
- [IP1200/1500/2000 Upgrade Guide](#)

Desktop Call Manager

IP1200

IP1500

IP2000

IP1000V2

IP550

IP1000

IP400

IPR20

Reference Guides

2. Download the Current Release

Loading the Firmware File

1. Log into the PBX and navigate to PBX Setup=>Services

System Functions

Restart PBX Daemon:	Restart PBX
Reboot the PBX:	Reboot PBX
Restart All Services	Restart Services
Restart CallManager Daemon:	Restart CallManager

File System

Load system update file: **Browse...** **Load File**

2. Scroll down to the File System panel

3. Click Browse and find the current firmware file *ipitomy_pbx_<build#>-uf.tgz*
4. Click Load File to begin the upgrade process
5. Depending on your starting firmware version, one of two things will occur:
 1. A dialog box will pop up announcing that the PBX will reboot, click OK and wait 5 minutes. After the 5 minutes has passed, log out of the PBX, then log back into the PBX (you should see a message when logging in that the Database does not match and will be converted)
 2. A progress bar will appear while the PBX upgrades and reboots, after which you will be returned to the login screen.
6. Log into the PBX and a message will display stating the Database version does not match. Click OK and the DB will update.
7. Click Apply Changes

Restoring Backups (Does not need to be done if you want to use the same DB as was previously running on the system)

1. Navigate to PBX Setup=>Database
2. Find the backup you wish to load and click the curved arrow to restore it as the active database.
3. Once the Database loads, Click Apply Changes.
3. Navigate to PBXSetup->Services and Click "Restart All Services"

For systems with Analog Cards, T1/PRI Cards or Xorcom USB Devices

1. If your system has any of these products installed, navigate to Providers=>Hardware Providers
2. Scroll down to the Hardware Functions panel

T-1 Span Configuration

Span	Timing	LBO	Framing	Coding	PRI
1	1	0 dB (CSU) / 0-133 ft (DSX-1)	esf	b8zs	<input checked="" type="checkbox"/>
2	0	0 dB (CSU) / 0-133 ft (DSX-1)	esf	b8zs	<input type="checkbox"/>

T-1 PRI Configuration

Span	Switch Type	Reset Interval	Dialplan	Indication	D Channel
1	National ISDN 2	3600	national	inband	24

USB Device Browser

Slot	Status	Device

Hardware Functions

Restart USB Devices & PBX Services View Log

3. Click Restart USB Devices & PBX Services

Congratulations, you have now completed the upgrade process and can resume normal use of the PBX.