

## Release Notes for PCS-TL30 – V1.30 Software

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These release notes provide essential information for the latest software version available for the Sony PCS-TL30 that can be found at [ftp.sony-europe.com/](http://ftp.sony-europe.com/)

New software is made available to maintain and enhance the product(s) and their lifetime within our portfolio, it is always recommended to utilise the most recent version of software available for any product to ensure full performance and reliability is maintained at all times.





## Videoconferencing

### **Please pay attention to the points below when updating software.**

Please supply well regulated AC power to PCS-TL30 when updating software as a blackout or power failure during updating can damage the software and prevent PCS-TL30 from turning on.

When updating software via FTP, please use a static IP address, if the IP address changes during updating, updating will fail.

Do not update from V1.22 or earlier to V1.30 by using the GUI administrator menu. The GUI administrator menu can be used for updating from V1.23/V1.23P01.

### **PCS-TL30 Version 1.30 – New Functions**

#### **Added compatibility over NAT/firewall (H.460)**

Support was added for H.460.18 and H.460.19. Therefore, PCS can be used over NAT/firewall through a traversal server. When using this function, changes may be required for the firewall settings. Check the network environment and test the operations before use.

At the time of release (June 2007), operations have only been verified over the following traversal server: Tandberg Border Controller from Tandberg.

#### **Added Shared Phone Book function (H.350) (PCS-G70/G50)**

The conventional PCS unit has a private phone book for managing data that is saved to a MemoryStick. An additional shared phone book function has been added. With this function, multiple PCS units can use the same phone book. The shared phone book can be sent to any PCS unit on the network, but the entries cannot be copied, registered, changed, or deleted from the PCS. Furthermore, data from the phone book is deleted from the PCS when it is turned off.

The shared phone book does not support multi-point connections with different types of circuits.

At the time of release (June 2007), operations have only been verified using the following as the shared phone book server: iView from Radvision.

The system uses a directory server or H.350/LDAP server as the shared phone book server, so the PCS can use phone book data on networks that conform with H.350/LDAP.

#### **Added display of terminal name on split-screen display during a multipoint conference**

When child terminals are displayed on split-screen display (4-split, 6-split) during a multipoint connection, the name of the terminal now appears when the terminal is connected.

#### **Added auto-startup after power loss**

When terminals were turned on and then experienced power loss, the terminals remained off even if the power supply returned. When terminals were controlled by remote access, the user had to travel to the physical location of the terminal in order to restart the machine, making the process very inconvenient. A selection has been added so that the terminal can automatically restart when the power returns after power loss. The auto-startup setting has been added to page 10 of the administrator settings.

#### **Added show/hide settings for the taskbar during communication**

During communication, the taskbar was always displayed at the bottom of the screen, but settings have been added so that the taskbar can be hidden instead. The settings have been added to page 2 of the device setting menu.



## Videoconferencing

### **PCS-TL30 Version 1.30 – Improved Functions**

#### **Improved audio quality**

1. The audio was changed from NTT-AT to a Sony original.
2. The return echo was improved.
3. When two sides were talking at once, the audio to the remote party sometimes sounded quiet.
4. The audio has been improved so that the background noise to the remote party does not fluctuate
5. The audio quality correction allows the sounds to become easier to hear.
6. The AGC (audio gain control) function was added to speaker output to help prevent sound distortion when the volume is turned up high.

#### **Improved status display during IP connection**

The following changes have been made to the second page of the Status & Info settings;

1. Bit rate was added to H.239 and deleted from FECC.
2. The number of loss packets, number of recovered packets, and number of received packets have been added to the display, along with the total time since the start of the conference.
3. The number of loss packets is the number of packets that are lost on the network.
4. The number of recovered packets is the number of packets that are recovered by the QoS function on the terminal.
5. After the conference ends, the Status & Info menu can be opened to recheck the status information for the conference.

#### **Increased the number of entries in the address book**

The number of possible entries in the address book has been increased from 300 to 500.

#### **Added UPnP router compliance**

Compliance has been added for the following UPnP routers;

From Buffalo Inc = BBR-4MG, BBR-4HG

From Yamaha Corp = RT-58i

#### **Added limits to text input in Web I/F**

In order to ensure system stability, the input text is checked and limits are placed to keep prohibited character codes (such as commas) from being used in the host name.



## Videoconferencing

### **PCS-TL30 Version 1.30 - Restrictions & Limitations**

**If Broadcast mode starts and then stops in less than 1 second, occasionally the broadcasting icon disappears even during a broadcast and you can no longer stop broadcasting.**

During multipoint videoconferencing with MCU, if broadcast mode is started and then the “stop” button is clicked within 1 second, the broadcasting icon (indicating “you are on air”) may disappear. Broadcasting does not stop even if you click on the “stop” button again.

To recover, disconnect the call and redial the number to join the multipoint videoconference again.

**If you input characters other than numbers into the box for “User Number” of “Gatekeeper Mode”, even after “Gatekeeper Mode” is set to ‘Off’, you can no longer make calls.**

In administrator Setup, set “Gatekeeper Setup” ‘On’ and input non-numerical letters to “User Number”. Then you can not make calls even you reset “Gatekeeper Mode” back to ‘Off’.

Leave the “User Number” box blank or enter only numbers to “User Number” of “Gatekeeper Mode” to make calls.

**If you set a much higher communication bit rate than the actual line speed/environment, video image may not appear and audio may be distorted.**

If the bandwidth number set to “LAN Bandwidth” in Communication setup menu is much higher than the actual line speed/environment, the video image may not show up and audio may be disrupted. Please select an appropriate number for “LAN Bandwidth” that matches your communication environment when starting videoconference.

Note: It is recommended to set approximately half the bandwidth number (official speed) of your upstream, which is provided by your communication service provider, to the “LAN Bandwidth” setting of PCS-TL30. Even with this setting, above problem may occur since the communication environment (effective line speeds) fluctuates between the home and remote party. In this case, further lowering the “LAN bandwidth” setting may resolve this issue.

**Maximum number of acceptable character in system user interface is different from that in associated Web user interface.**

The maximum numbers of letters for “SIP Domain”, “Registered User Name”, and “Password” of the SIP setting in LAN setup differ from those of the SIP setting in Web control. Both settings become effective, but they have restrictions for the maximum number of letters for editing and display. (Maximum 17 single byte letters in system user interface and maximum 39 single byte letters in Web control user interface)

**When receiving a still image, the received image shows up erroneously on the remote video window for a short period of time**

When transferring still images such as in Image Viewer, received images may appear briefly on the window for remote video, which is not the window to show them.



## Videoconferencing

### **PCS-TL30 Version 1.30 – Fixed problems**

#### **Problem with FTP upgrade software**

When using an FTP package for the PCS software upgrade, the upgrade was not performed correctly when using Microsoft Internet Explorer Ver. 7 on Windows XP or Windows VISTA. This problem has been corrected so that it operates under all environments.

Note: When using Windows VISTA with the Windows Firewall enabled, the FTP upgrade tool will not operate correctly the first time that it is executed. In this situation, rerun the FTP upgrade tool. The tool will operate correctly after the first failed time. Another option is to disable the Windows Firewall.

#### **Problem with number display**

When the number display in the device setting is set to hide the number, the frame for the IP address display remained on the screen after disconnecting communication. This problem has been corrected. [Problem from 1.20. Corrected in Ver 1.30.]

#### **Problem where the camera image in the launcher appeared green after communication**

When communication was disconnected, a rare problem occurred where the camera image appeared slightly green or black (blank). Another problem occurred when the address book was opened from the launcher and the thumbnail images appeared black. These problems have been corrected. [Problem from 1.20. Corrected in Ver 1.30.]

#### **Problem applying settings**

When packet resenting request in the administrator settings or optimum rate control settings were turned on, after changing the LAN settings, both of the above settings were returned to the off state. This problem has been corrected so that the settings are applied correctly. [Problem from 1.20. Corrected in Ver 1.30.]

#### **Problem with the display of Duration in the Call Log**

Duration (communication time) in the Call Log was displayed as twice the actual value. This problem has been corrected. [Problem from 1.03. Corrected in Ver 1.30.]

#### **Problem with SNMP trap generation period**

When the SNMP service was turned on and traps were generated, trap generation occurred every 15 seconds instead of every 30 seconds. This problem has been corrected. [Problem from 1.03. Corrected in Ver 1.30.]

#### **Problem with inaccurate Call Log information**

The Call Log information did not save the correct reason for disconnection and the communication rate did not display during IP communication. These problems have been corrected. [Problem from 1.03. Corrected in Ver 1.30.]



## Videoconferencing

### Software Revision History

Version	Date	Major features
1.03	Oct 2005	First Ex-factory Version
1.04	Nov 2005	DSM data reception and other issues have been resolved
1.04	Nov 2005	The Application software itself has not altered at all. The version number for the LCD has been corrected from Ver 01.00 to Ver 01.03
1.12	7 <sup>th</sup> Dec 2005	Functions, which are yet supported with Ver1.04, have been implemented, and other issues have been resolved.
1.13	1 <sup>st</sup> Feb 2006	Phone book and other issues have been resolved
1.14	1 <sup>st</sup> May 2006	Camera quality and other issues have been resolved
1.21	1 <sup>st</sup> June 2006	Functions, which are yet supported with Ver1.14, have been implemented, and other issues have been resolved.
1.22	June 2006	PCS-TL30 can not send and receive the video data, if PCS-TL30 is terminal on the multipoint conference.
1.22	Aug 2006	Add known issue.
1.23	Oct 2006	Resolved camera quality, changed specifications, enhanced functions, and resolved functions.
1.23P01	Nov 2006	Patch version that resolved Simplified Chinese display problem and mutual connectivity.
1.24	Dec 2006	Resolved camera module and DSB module from Ver 1.23, and added the corrections from V1.23P01.
1.30	June 2007	Major version update with added functions such as shared phone book (H.350) and communication over NAT/firewall (H.460) and improved audio