

## Release Note

### telyHD Software Version 4.0

August 8, 2013

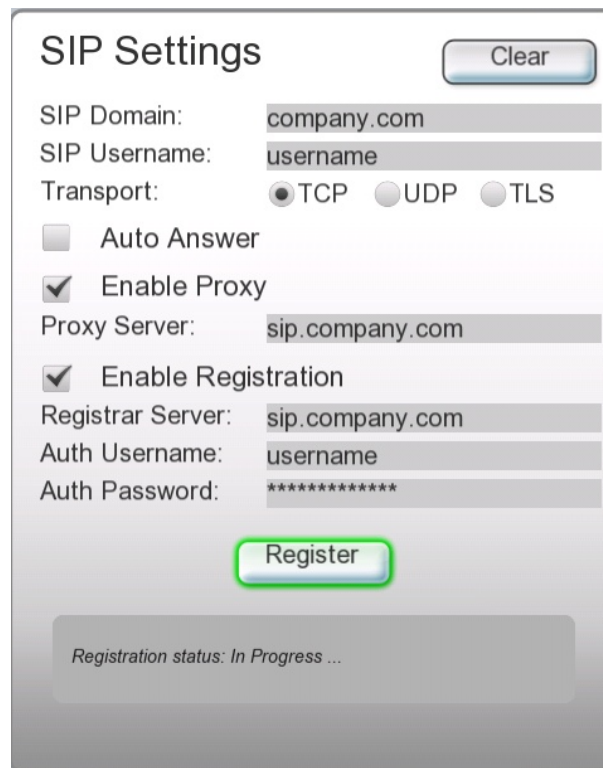
## New Features

The following are the new features available with this software release.

### **SIP Interoperability with 3<sup>rd</sup> Party Systems**

telyHD Pro appliances support full interoperability with 3<sup>rd</sup> Party SIP Systems enabling customers to leverage existing investments in video conferencing solutions. Using standards-based signaling and media codecs, telyHD Pro appliances interoperate with industry available SIP Registrars and Proxies, Session Border Controllers, on-premise and cloud-based Conferencing solutions, room systems, and software clients.

SIP configuration settings are available in the Settings area of your telyHD Pro appliance as shown below.



**SIP Settings** Clear

SIP Domain:

SIP Username:

Transport:  TCP  UDP  TLS

Auto Answer

Enable Proxy

Proxy Server:

Enable Registration

Registrar Server:

Auth Username:

Auth Password:

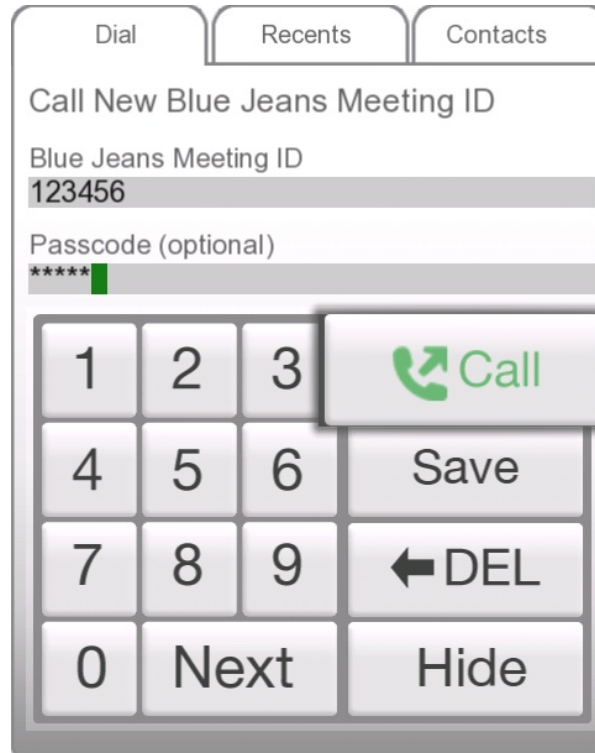
Register

Registration status: In Progress ...

Tested 3<sup>rd</sup> party systems are specified in the Interoperability section later in this document.

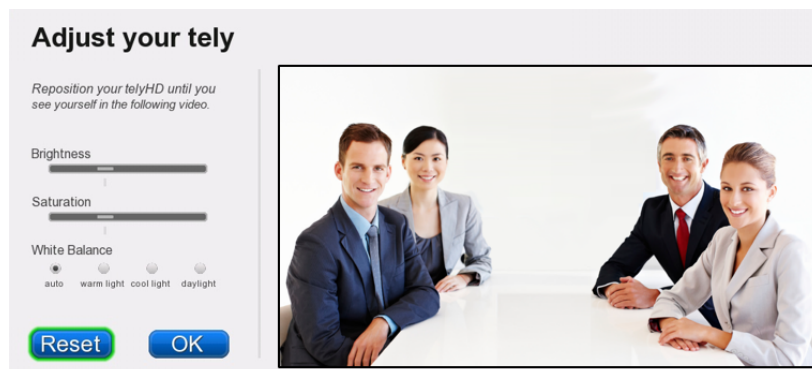
### Enhanced Blue Jeans Network Experience

telyHD Pro includes built-in support for the Blue Jeans Network conferencing service. The user experience has been simplified to enable quicker access to conferences. In addition, while the telyHD Pro is connected to a Blue Jeans Network conference, users can control the conference layout using on-screen controls. The new Blue Jeans card is shown below.



### Advanced Camera Controls

The telyHD Pro and telyHD Base Edition now provide advanced camera controls to enable a high quality experience in challenging lighting environments. White balance, Brightness, and Saturation controls are now available for users to optimize their video image. The camera controls are available under the Camera Preview option in the Device Settings card.



## **Resolved Issues**

The following are the major resolved issues in this release.

- When connected to a Blue Jeans conference, the telyHD Pro no longer temporarily turns black when the resolution switches due to dynamic rate adaption.
- The frame rate for 2-way telyCloud calls has been increased from 20 frames per second to 24 frames per second.
- The instantaneous decoding refresh (IDR) period for Skype video calls has been changed from 30 seconds to 1 hour.

## **Interoperability**

telyHD Pro appliances with this software release have been tested for interoperability with the solutions below.

<b>Manufacturer</b>	<b>Product/Service</b>
Asterisk	Asterisk IP PBX
Avaya	Scopia XT5000
Blue Jeans Network	Conference service verified at release
Broadsoft	BroadWorks
Cisco	VCS Control version X7.2 VCS Expressway version X7.2 TelePresence SX20 TelePresence EX90 and EX60 IP Video Phone E20 Cisco Jabber
Edgewater Networks	EdgeProtect Enterprise Session Border Controller
LifeSize	ClearSea
OpenSIPS	OpenSIPS v1.8

Polycom	DMA HDX 8000 HDX 4000 RealPresence Group 500 VVX 1500 RealPresence (Desktop and Mobile) RealPresence Access Director
Siemens	OpenScape SBC
Vidtel	MeetMe service verified at release

### **Known Issues**

The following are known issues and any available workarounds for this software release.

- telyHD Pro interoperability issues exist with LifeSize hardware endpoints and use of packetization mode 0 for H.264. H.263 can be used in the interim.
- Calls ended by the Cisco Jabber client can result in frozen video on the telyHD Pro endpoint. To clear the frozen video, the telyHD Pro endpoint must end their call as well.

### **Documentation Errata**

The following are documentation errata for this software release.

- In the telyHD Pro Quick Start Guide on page 6, the Blue Jeans Meeting card does not reflect the user experience in this software release.
- In the telyHD Pro Quick Start Guide on page 6, the telyCloud contact card is inverted.