



# Release Notes

## LifeSize Passport

### Release: v4.8.6

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For current product documentation, refer to [lifesize.com/support](http://lifesize.com/support). If you are using other LifeSize products with this release, read the latest release notes for those products for additional information.

## Resolved Issues

Following are the major resolved issues in this release. Numbers in parentheses are used for internal tracking.

- Security enhancements to address US-CERT VU#213486 are included in this release. (END-9307)

## Known Issues

Following are known issues and their workarounds, if available. Numbers in parentheses are used for internal tracking.

### Video

- It may take an average of seven seconds to receive far end video after connection is established. (END-15798)

### Audio

- LifeSize Passport can support one video and one audio call at the same time. However, if the third call is a video call, LifeSize Passport does not convert it to an audio call and instead rejects it. **Workaround:** Redial the call as an audio call. (END-15991)
- For audio only calls, dialing an IP address is successful despite voice dialing set to ISDN. (END-9307)

### Network

- If your network does not support IPv6 auto configuration and you set the **IPv6** preference to *Enabled* and the **IPv6 Configuration** preference to *Auto* in **Administrator Preferences : Network : General**, upon reboot, the system fails to complete the initialization process. Use the reset button on the back of the codec to restore the system configuration to default values. Refer to the *LifeSize Passport User and Administrator Guide* for more information about using the reset button. (END-13225)
- An H.460 call fails if the LifeSize system does not have a valid hostname. Ensure that a valid hostname is configured for the **Hostname** preference in **Administrator Preferences : Network : General**. (END-9642)

## Command Line Interface

- Adaptive motion control cannot be enabled or disabled through the command line interface. **Workaround:** Configure this feature in **Administrator Preferences : Video : Video Quality**. (END-17406)
- `snmp contact` and `snmp location` are not set by default. **Workaround:** Use `set` to specify values for `snmp contact` and `snmp location`. (END-17098)
- Error 02, `file error` is returned in the automation command line interface if you use `set camera position -P` to a preset that has not been set. The proper error code is 0d, `No data available`. (END-16273)

## Presentation

- When streaming a local presentation from LifeSize Passport (through LifeSize Virtual Link) to LifeSize Video Center, audio is not synchronized with presentation video. (END-16988)

## User Interface

- No matter how they are originated, calls are not terminated when you click the **hang up all** button in the web administration interface **Call Manager**. Use the remote control or the automation command line interface to terminate the call, or click the **hang up** button to terminate the call. (END-13377)
- With **Administrator Preferences : Telepresence : Hide User Interface** enabled, the confirmation dialog box to start a Virtual Link presentation is also hidden. **Workaround:** Press **OK** on the remote control a few seconds after starting the presentation. (END-17067)

## Communications

- With **SIP Signaling** set to *TLS* in **Administrator Preferences : Communications : SIP**, you must register with the SIP registrar for SIP calls to be successful. (END-17518)
- The **Register** button in **Administrator Preferences : Communications : SIP** is available to re-register the system in the event SIP registration fails only after you make a change to a SIP preference. To re-register the system, do the following:
  - Choose *Disabled* for the **SIP Registrar** preference.
  - Navigate to the **Register** button and press **OK** on the remote control.
  - Return to the **SIP Registrar** preference and choose *Enabled*.
  - Return to the **Register** button and press **OK** on the remote control. (END-9001)
- Calls between LifeSize Passport systems using the H.460 protocol can experience intermittent video corruption. (END-13207)

## Upgrade

- Because software upgrades require the system to communicate with the license server to perform a license check, DNS resolution must be enabled either through DHCP or by specifying **DNS Servers** in **Administrator Preferences : Network : General**. If you disable DHCP, you must set **DNS Servers** and specify the IP address, subnet mask, and gateway to facilitate software upgrades. (END-14192)
- Using the Safari browser on a Mac to upgrade system software may result in a certificate error. (END-15551)

## Product Limitations

Following are known limitations with this LifeSize software version. Numbers in parentheses are used for internal tracking.

### Video

- Virtual multiway is not supported on LifeSize Passport in this release. (END-12786)
- Digital zoom is not supported on LifeSize Passport in this release. (END-9474)

## Skype

- LifeSize Passport supports Skype video at a resolution of 640x480 at 30 f/s at an approximate bit rate of 512 kb/s.
- In a two-way Skype call between two LifeSize Passports, bandwidth is limited to 512 kb/s. (END-15777)
- Audio is not synchronized with video in a two-way call between a wireless Skype client and LifeSize Passport. (END-16998)
- In a two-way Skype call between LifeSize Passport and a Skype client, video may freeze. (END-16999)

## Network

- When placing a call from a system behind a firewall (or without a static NAT configuration in the firewall) the call may complete, and camera control from the system behind the firewall (the private system) to the system on the public internet (the public system) will work, but FECC from the public system to the private system will not work, or may work intermittently. LifeSize recommends deploying LifeSize Transit for this configuration. (END-12129)
- LifeSize Networker is not supported with LifeSize Passport in this release. (END-12815)

## Recording and Streaming

- Although LifeSize Video Center can generate 10-digit recording keys, LifeSize Passport cannot accept them and instead produces an error message. **Workaround:** Limit your recording keys to 9 digits. (END-15471)

## User Interface

- Calls placed from the **Call Manager** in the web administration interface always appear on the **Redial** list with *Auto* as the bandwidth and protocol, regardless of the actual bandwidth and protocol specified when the call was first placed. (END-6497)
- In calls with systems using IPv6 addresses, call statistics incorrectly show zero as the value of the packet loss for transmitted video. (END-6127)
- LifeSize Passport cannot display the dominant talker icon in a call with an MCU hosting several participants. (END-12108)
- Because LifeSize Passport does not support JPEG snapshots, the **Call Manager** in the LifeSize Passport web administration interface cannot display an image from a LifeSize Passport camera, whether it is the system's own camera while idle, or the camera of a far end LifeSize Passport in a call. (END-12350)

## Interoperability

LifeSize video communications systems with this software release are supported with the following devices.

Supplier	Products
Avaya	SIP Enablement Services: 5.1.x Communication Manager: 6.1.x 1-X Communicator: 6.1.x
Asterisk	Asterisk: 1.4.22.1
Browser support	Microsoft Internet Explorer v7, v8 Apple Safari for Mac v4.0.4 Adobe Flash Player v9, v10
Cisco	IOS GK: v12.4(17a) ASA 5510 Firewall: v8.0(4) UCM: v7.13.10000-11e
Codian	MCU 4220: 4.1(1.59) MCU 4505: 4.1(1.59)

Supplier	Products
LifeSize	Bridge 2200: 1.0.1 Control: 5.1.0 Desktop: 2.0 Gatekeeper: 5.7, 7.1 Multipoint: 5.7 Multipoint Extension: 5.7, 7.1 Multipoint 230: 7.1 Phone: 4.5.2 Transit: 3.0.1 Virtual Link: 1.0.0 Video Center 1.0.1, 1.2
Microsoft	Office Communications Server 2007: 3.5.6907.0 (R2) Office Communicator 2007: 3.5.6907.206 (R2)
sipX	sipXecs: 4.2.1
Skype	Voice calls: 4.1.0.141 Video calls: 5.1.0.112
Sony	PCS XG-80 2.14
Polycom	HDX Series: 3.0.0 (support for BFCP) RMX: 7.0.2 VSX 8000: 9.0.6
Tandberg	Edge 95 MXP: F9.0.2 C Series: TC4.0.1 VCS: X5.1.1

## Interoperability Limitations

Following are the known limitations with third party products. Numbers in parentheses are used for internal tracking.

### General

- A presentation sent by a far end participant in a multiway video call with a LifeSize system as the MCU appears as black video if one of the devices in the call is configured to accept H.261 video only. To avoid this problem, LifeSize recommends using default configuration settings for video codecs for all devices in the call. (END-11372)
- Enabling static NAT on a LifeSize system and then placing a call through a router with an application-level gateway or protocol fixup that modifies call control traffic may result in no video and/or audio at either the near end or far end of the call. Depending on the router, disabling static NAT on the LifeSize system may resolve this issue. LifeSize recommends disabling fixup on the router. (END-6920)

### Cisco

- SIP dual video is not available in SIP calls between LifeSize video communications systems connected through Cisco Unified Communications Manager. (END-10870)
- H.239 may not work through your CISCO PIX or ASA (Adaptive Security Appliance) firewall/ASA device. The Cisco fixup protocol did not recognize H.239 and terminated a call if it attempted to open an H.239 stream.  
**Workaround:** Upgrade to ASA v8.2.1 or later. (END-1611)

## Codian

- In a multiway call hosted by a Codian 4220, the MCU first uses the H.263+ protocol and then switches to H.264. The frame rate remains at 15 f/s for the duration of the call. **Workaround:** Disable H.263 and H.263+ on the Codian 4220 MCU. (END-17361)
- In a multiway call with a Codian MCU, video and text that appear in the display may appear cropped on the bottom or sides of the image. **Workaround:** Add the LifeSize system to the directory on the Codian MCU and adjust the border size to 2 or 3 depending on your display. You can adjust the border size from the LifeSize system during a call using far end camera control. With the far end camera of the Codian MCU selected, press the zoom out key on the remote control, ensure that **Border width** is selected and then press the right arrow key to change the border width. (END-9248)
- When creating a dial-out conference on the Codian MCU, the first two systems connect without issues, but any participant after that is reduced to 256k. (END-12277)

## Microsoft OCS

- In a five-way call with a presentation through Microsoft OCS, video is distorted on all systems. (END-17115)

## Polycom

- Distorted video appears on LifeSize systems in a multiway 384 kb/s call hosted by Polycom RMX. (END-17162, END-17163)
- A participant on a LifeSize system joining a call in progress that is hosted by Polycom RMX is unable to see an ongoing presentation. **Workaround:** Add all call participants before starting the presentation. (END-17243)
- When a LifeSize system dials the E.164 address for a Polycom system through a gatekeeper, the audio may be distorted because of a byte swap issue on G722.1C codecs. **Workaround:** Contact Technical Services to override the byte swap. Note that with this fix enabled, you may experience distorted audio on previously functioning G722.1C codecs. (END-13752)
- In a two-way call between LifeSize Passport and Polycom HDX 8000, the bottom portion of the presentation video sent from the Polycom system appears blurred on LifeSize Passport. (END-15311)

## Tandberg

- Audio is not synchronized with video in a call to Tandberg Edge 95 MXP, or in a call to Tandberg MXP 1700. (END-17099, END-14795)
- Tandberg Edge 95 systems receive a maximum resolution of 720x400 in calls with LifeSize systems. (END-12440, END-15849)

## Contacting Technical Services

LifeSize Communications welcomes comments about our products and services. Send feedback about this or any LifeSize product to [feedback@lifesize.com](mailto:feedback@lifesize.com). Refer to [lifesize.com/support](http://lifesize.com/support) for additional ways to contact LifeSize Technical Services.