



Release Notes

LifeSize UVC Video Center

Release: v2.0.1 **REVISED**

New Features	1
Resolved Issues	1
Known Issues	2
Product Limitations	3
Upgrades to LifeSize UVC Video Center	4
Interoperability	6
Interoperability Limitations	7
Contacting Technical Services	7

LifeSize UVC Video Center is deployed as an application on LifeSize UVC 1100 or LifeSize UVC Platform virtual machine. For the current product documentation for LifeSize UVC Video Center and LifeSize UVC Platform, refer to lifesize.com/support. Review also the LifeSize video communications systems release notes for recording and streaming issues.

New Features

Following are the new features in this release:

- LifeSize UVC Video Center includes language support for English, German, French, Italian, Japanese, Korean, Russian, Spanish, and Simplified and Traditional Chinese.
- Upgrading from LifeSize Video Center 1.x.x to LifeSize UVC Video Center 2.0.1 is supported. This upgrade requires that you upgrade to LifeSize Video Center 1.2.5 before continuing to LifeSize UVC Video Center.
- Upgrading to LifeSize UVC Video Center 2.0.1 automatically upgrades LifeSize UVC Platform to version 1.0.1. Refer to the release notes for LifeSize UVC Platform 1.0.1 for details about this release.

Resolved Issues

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

- Multiple federated streams are available on the subscriber node even if the recording IDs for the federated streams are identical. LifeSize UVC Video Center generates a numeric, sequential recording ID for every recording. (STR-1284)
- The embed code for sharing videos is now available to non-administrative users. (STR-1281)
- LifeSize UVC Video Center checks the space available on the disk before allowing a recording and periodically during a recording. On VM installations, these checks occur even if you update bandwidth limits. (STR-1270)
- LifeSize UVC Video Center supports chat connections when users send messages in quick succession (one or two messages per second) and up to 1000 users are connected. (STR-1245)

- Configuring a subscriber node for federation creates only the channels selected for the federation subscription (if the channels are not already present on the subscriber). (STR-1188)
- Upgrading LifeSize Video Center 2200 to LifeSize UVC Video Center 2.0.1 corrects a problem on version 1.2.x systems in which the swap partition failed to mount on certain hardware installations. The upgrade fixes the swap partition's UUID. (STR-1152)
- LDAP group queries no longer stall ongoing recordings. (STR-1233)

Known Issues

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

General

- Attaching a file with Unicode characters in the filename to a recording is unsupported. (STR-1039)
- In a four-way call with a presentation hosted by a LifeSize Room 220, audio is not synchronized with video in the live stream and recording. **Workaround:** From the MCU, initiate a three-way call and start a dial out recording at 768 kb/s from LifeSize UVC Video Center to the MCU. From the MCU, start the presentation and add the fourth caller. (STR-1100)
- Videos embedded with codes generated by LifeSize UVC Video Center do not play on iOS devices. (STR-769)
- If you reboot or shut down the server while restoring from a backup image, the restore operation does not continue after the server is restarted, even though the process is reported as *in progress*. **Workaround:** Cancel the restore operation and restart it. (STR-258)

Licensing

- Reboot the server after you apply capacity packs that yield 20 HD recordings to ensure that the correct capacity is calculated. (STR-1282)
- If you attempt to start a recording but are licensed only for streaming, the resulting error message does not reflect the error condition: "Too many recordings in progress". (STR-1155)

Federation

- Federation does not support HTTP proxies. All nodes must be available through HTTP/HTTPS. (STR-1250)
- A subscriber that deletes a federated node may continue to receive streams from the publisher for up to 24 hours after the deletion if the publisher node was unreachable at the time of deletion. (STR-1275)
- Federation does not support multicast streams. A multicast stream on the publisher is delivered as a unicast stream to the subscriber. (STR-1223)
- An administrator cannot terminate a live stream from a federated node. (STR-1078)
- An embed and share link is unavailable for federated streams. (STR-1080)

Chat

- A delay occurs when users send messages in quick succession (one or two messages per second) and over 1800 users are connected. (STR-1299)

Mobile Streams

- Recordings that exceed 8 hours may not be recorded correctly in mobile formats. **Workaround:** Record sessions that may last more than 8 hours in the primary, dual stream format. (STR-750)
- The video player on iOS devices may not terminate and instead become unresponsive after a live stream has ended. **Workaround:** Change the orientation of the mobile device to reveal the **Done** button. If this does not work, restart the mobile device. (STR-502)

- You cannot resume paused playback of a live stream after unlocking a mobile device that auto-locked itself. (STR-519)
- When generating mobile streams, the primary video is generated at a bit rate higher than what you selected. Because the mobile stream is generated from the primary stream, the bit rate of the primary video must be at least as high as the highest bit rate mobile stream. LifeSize UVC Video Center forces the primary bit rate to meet this condition, regardless of user settings. (STR-758)

Live Streams

- When a multicast stream ends, the video stops at the last frame with no notification that the live stream has ended. (STR-1219)
- The presentation stream may lag the video stream. **Workaround:** Refresh the browser. (STR-644)
- Searching for live videos yields no results. Searches are successful when the live stream has completed, assuming it was also being recorded. **Workaround:** Use the listing of **Live Videos** on the **Home** page to find live videos. (STR-289)

NAS

- You may not receive an error message if you lose Ethernet connectivity during NAS configuration with CIFS IP log in. **Workaround:** If the operation does not resume when you restore the connection, restart LifeSize UVC Video Center and try again. (STR-753)
- NAS configurations using CIFS protocol fail if you use the server hostname instead of the IP address. **Workaround:** Use the NAS server's IP address when configuring with the CIFS protocol. (STR-727)

Dial Out Recording

- LifeSize UVC Video Center uses the SIP communications protocol for dial out calls, but supports video systems that can stream only H.264 video. When LifeSize UVC Video Center connects to a LifeSize system at a bandwidth lower than 512 kb/s, the system may not be able to provide H.264 video if another system that does not support H.264 video joins the call. When this occurs, LifeSize UVC Video Center terminates the call. (STR-364)

Recording

- To achieve 40 recordings at 400 kb/s, set the recording bit rate to 16000 kb/s before starting to record. Set this value in **Administer : System Settings : Bandwidth limits**. (STR-1285)
- When you click the **Owner** heading to list recordings by owner in **Administer : Content Management : Recordings**, recordings are sorted by user ID and not alphabetically by name. (STR-116)

Product Limitations

Following are the known limitations of LifeSize UVC Video Center. Numbers in parentheses are for internal tracking.

- Federation does not support chat between federated nodes. (STR-998)
- Federation requires that the hostname configured on the publisher node is valid. (STR-1154)
- Video uploads continue and are successful even when LifeSize UVC Video Center is in maintenance mode. (STR-963)
- A live stream's viewing bit rate at **Administer : System Status** shows the possible bandwidth usage. Thus, the value includes bandwidth for a presentation, even if no presentation is included. (STR-351)

Transcoding

- Transcoding jobs are not necessarily completed in the submitted order. Instead, transcodes from videos with the oldest creation date take priority. (STR-612)

- If you schedule the creation of multiple new versions of an existing video and then delete one of those versions while transcoding is in progress, the remaining transcodes are canceled and rescheduled to start later. (STR-599)
- When using NAS, the disk usage of a video in the process of being transcoded may be incorrect even though the progress indicator is correct. When the transcoding ends, the disk usage is accurate. (STR-590)

Mobile Streams

- Dial out recordings created in v1.1 may contain green patches when viewed on mobile devices.
Workaround: Create mobile versions of these videos. (STR-523)
- Some presentations in mobile streams appear to be side-by-side with the main video instead of the picture-in-picture as selected for the mobile stream. When the aspect ratio of the presentation has margins on the side of the video, such as 4 x 3, the margin is used to display the main video without obscuring the presentation, making the video appear to be side-by-side.(STR-703)

NAS

- It may take up to 10 minutes for LifeSize UVC Video Center to indicate that it has lost connection to NAS or that the connection has been restored. Stored videos are not available during this time. New videos will be stored locally and the server will attempt to move them to NAS when the connection is restored. (STR-674)

Dial Out Recording

- Presentations freeze in live streams during a dial out call to LifeSize Desktop when the LifeSize Desktop user attempts to switch applications in the data sharing window. **Workaround:** Do not use the window selection feature in LifeSize Desktop. Share the entire desktop and change applications in the operating system. (STR-712)

Video

- Video may go blank for several seconds if packet loss leads to a bandwidth adjustment at the recording video system. (STR-633)
- The recording date and time of a video reflects the date and time the recording ended, not the date and time the recording began. (STR-271)
- If you comment on a video while it is playing, playback reverts to the beginning of the video. (STR-98)

Upgrades to LifeSize UVC Video Center

With this release, you can upgrade LifeSize Video Center to LifeSize UVC Video Center.

Before You Begin

Before you upgrade LifeSize Video Center, complete the following tasks:

- Back up your LifeSize Video Center to an FTP host by selecting **Administer : Operations and Maintenance : Backup**. If required, you can restore the backup image to either a v1.2.x or v2.0.1 system.
- Enable SSH access in **Administer : Operations and Maintenance : SSH access** to allow system recovery if the upgrade fails.
- Ensure that you use an uninterrupted power supply during the upgrade. A power failure during the upgrade can leave the device in a bad state.

Upgrading LifeSize Video Center 2200 to LifeSize UVC Video Center

1. Upgrade LifeSize Video Center to software version 1.2.5. The upgrade file is available from the LifeSize software download site at software.lifesize.com. You can upgrade all previous versions of LifeSize Video Center to v1.2.5.
2. Generate a license migration request:
 - a. Navigate to **Administer : Operations and Maintenance : Update**.
 - b. Click the link to generate a license migration request.
 - c. If your system's serial number does not appear, enter it in the form. Your serial number is located on the physical device.
 - d. Click **Submit** and save the file to your computer.
3. Download an activation license for LifeSize UVC Video Center:
 - a. Log in to the LifeSize download site at software.lifesize.com.
 - b. In **Upload UVC Activation Request File**, browse to the license migration request that you downloaded to your computer in step 1d.
 - c. Click **Upload File** and save the license file to your computer.
4. Upload the LifeSize UVC activation license to LifeSize Video Center:
 - a. Navigate to **Administer : Operations and Maintenance** and click **Update**.
 - b. Click the link and browse to the license file that you downloaded to your computer in step 3c.
 - c. Click **Submit**.
5. Upgrade LifeSize Video Center to LifeSize UVC Video Center v2.0.1:
 - a. Log in to the LifeSize download site and download the software update image to your computer.

NOTE: The update file may require over 15 minutes to download due to its large size. Do not interrupt the download process.
 - b. Navigate to **Administer : Operations and Maintenance** and click **Update**.
 - c. Browse to the software update image that you downloaded in step a.
 - d. Click **Update Software**. Because of its large size, the file may require over 15 minutes to upload, especially if your connection is slow. Consider using a browser with a progress bar, such as Google Chrome.
 - e. Click **Update Software** to confirm the update. The upgrade process may require 30 minutes. Do not interrupt the upgrade process. When the process is complete, the system will include both LifeSize UVC Video Center and LifeSize UVC Platform.

NOTE: If your configuration uses an LDAP server for authentication, clear your browser cache and cookies before using LifeSize UVC Video Center. (STR-1365)

Interoperability

LifeSize UVC Video Center v2.0.1 supports the following products.

Recording Support	
LifeSize	<p>Recording from the video system: LifeSize Express 220 with software release 4.10.0 or later LifeSize Team 220 with software release 4.10.0 or later LifeSize Room 220 with software release 4.10.0 or later LifeSize Passport with software release 4.9.0 or later LifeSize Passport Connect with software release 4.9.0 or later</p> <p>Dial out recording from LifeSize UVC Video Center: LifeSize Express 220 with software release 4.10.0 or later LifeSize Express 200 with software release 4.7.20 or later LifeSize Express with software release 4.7.20 or later LifeSize Team 220 with software release 4.10.0 or later LifeSize Team 200 with software release 4.7.20 or later LifeSize Team MP with software release 4.7.20 or later LifeSize Room 220 with software release 4.10.0 or later LifeSize Room 200 with software release 4.7.20 or later LifeSize Room with software release 4.7.20 or later LifeSize Passport with software release 4.9.0 or later LifeSize Passport Connect with software release 4.9.0 or later LifeSize Desktop 2.0 (records main window only) LifeSize Bridge 2200 with software 1.5 Mirial Softphone: Windows 7, Mac 7.0.55</p>
Dial out recording from LifeSize UVC Video Center—two-way call recording:	
Polycom	HDX 9002: 3.0.3-14451 HDX 8000: 3.0.3-14451
Tandberg	Tandberg 6000: F9.0.2 Tandberg C60: TC4.0.1.240265 Codian MCU 4505 4.1 (1.59)
Dial out recording from LifeSize UVC Video Center—out of call recording:	
Polycom	VSX 7000: 9.0.6 (for calls at or below 768 kb/s) VSX 8000: 9.0.6 (for calls at or below 768 kb/s) HDX 9002: 3.0.3-14451 HDX 8000: 3.0.3-14451
Tandberg	Tandberg 6000 MXP: F9.0.2 Tandberg 1000 MXP: F9.0.2 Tandberg 880 MXP: F9.0.2 Tandberg 990 MXP: F9.0.2 Tandberg C20: TC4.2.1
Playback Support	
Adobe	Flash Player: 11.2 or later
Web Browsers	Microsoft Internet Explorer for Windows: 7, 8, 9 Apple Safari for Mac: 4.0.4, 5.0 Mozilla Firefox: 9.0.1 Google Chrome: 16.0
Apple	iPhone 4: 4.3.5, 5.0.1 iPod touch: 4.3.5, 5.0.1 iPad 1: 4.3.5 iPad 2: 4.3.5 iPhone 3GS and earlier: 4.2.1

Interoperability Limitations

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

- Live streams on the iPod with software v4.3.5 are choppy. **Workaround:** Upgrade the iPod to v5.0.1. (STR-1227)
- A known issue with the Quick Time `wmode` transparency setting results in the **Embed and Share Video** window appearing behind the Quick Time player. (STR-1117)
- A known issue with Flash 11.1 causes a delay between the main audio and the presentation in recorded videos live streams. **Workaround:** Upgrade to Flash 11.2. (STR-1146)
- Adobe Flash Player fails or video does not play on Mac OS X. **Workaround:** Upgrade to the latest version of Adobe Flash Player. If problems persist, right-click on the player and in the settings menu, disable hardware acceleration. (STR-850, STR-736)
- While viewing the live stream or playback of a dial out recording to a Codian MCU hosting a three-way call with a presentation from a third party system, users cannot change the layout. Third party systems sometimes send presentations in the main video stream if LifeSize UVC Video Center does not support their presentation streams. (STR-720)
- Presentation video replaces the main video of a dial out recording to a Polycom HDX 8000. The main video resumes when the presentation ends. Third party systems sometimes send presentations in the main video stream if LifeSize UVC Video Center does not support their presentation streams. (STR-642)
- A dial out call at 768 kb/s to Polycom VSX 8000 does not produce the expected resolution. **Workaround:** Use 896 kb/s with this system for better resolution. (STR-667)
- You cannot live stream or seek the recorded stream for a two-way call between a LifeSize Room 220 and a Polycom VSX 8000. (END-16762)
- High bit rate video streamed over high latency networks may appear distorted in playback. Microsoft Windows XP and earlier Microsoft operating systems do not optimally use the bandwidth available on Internet connections. **Workaround:** LifeSize recommends setting the TCP window size to 256960 (about 256 KB) to play 768 kb/s HD videos over networks with latencies up to 300 ms. Add or edit the following registry key:

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters\TCPWindowSize]
```

The value of the key must be a DWORD with a decimal value of 256960 (hexadecimal value 0x0003ebc0). (STR-284)

Contacting Technical Services

LifeSize Communications welcomes comments about our products and services. Send feedback about this or other LifeSize products to feedback@lifesize.com. Refer to lifesize.com/support for additional ways to contact LifeSize Technical Services.