



Release Notes

LifeSize UVC Video Center

Release: v2.0

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For the latest product documentation, refer to lifesize.com/support. Read the LifeSize video communications systems release notes for recording and streaming issues.

Upgrades

Upgrading from a previous release of LifeSize Video Center to LifeSize UVC Video Center 2.0 is not supported in this release.

New Features

Following are the new features in this release:

- LifeSize UVC Video Center is deployed as an application on LifeSize UVC 1100 or LifeSize UVC Platform virtual machine. With LifeSize UVC, you can perform user management and LDAP integration from LifeSize UVC Platform.
- If you back up videos to local storage, you can restore selected videos or all content.
- LifeSize UVC Video Center can stream video to a multicast address to which multiple networks can subscribe.
- Federation allows viewers from a subscriber LifeSize UVC Video Center to watch a live stream or recording published by a federated LifeSize UVC Video Center.
- Recording key owners can reserve a URL that points to the live stream, if available, or the latest video recorded with the key. Two URLs are available: one URL that requires login authentication and one that does not.
- You can enable chat for viewers of live streams.
- Administrators and video owners can specify the video segment to capture for the thumbnail that appears in LifeSize UVC Video Center.
- You can share private videos (videos with restricted viewing permissions) with users who do not have login accounts. You can also embed private videos.

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 in this release. (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)
- The embed code for sharing videos is unavailable to non-administrative users. (STR-1281)
- 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 as you use the application. (STR-1282)
- If you attempt to start a recording but are licensed only for streaming, an error message appears that 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)
- Multiple federated streams are unavailable on the subscriber node 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)
- 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 in this release. A multicast stream on the publisher is delivered as a unicast stream to the subscriber. (STR-1223)
- Configuring a subscriber node for federation creates all publisher channels on the subscriber, not just the channels selected for the federation subscription. (STR-1188)
- 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

- LifeSize UVC Video Center drops chat connections when users send messages in quick succession (one or two messages per second) and over 200 users are connected. (STR-1245)

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 by up to 4 seconds. **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 communications 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

- LifeSize UVC Video Center checks the space available on the disk before allowing a recording and periodically during a recording. On VM installations, if you update bandwidth limits in **Administer : System Settings : Bandwidth limits**, the checks will not occur. (STR-1270)
- 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)

Interoperability

LifeSize UVC Video Center with this software release supports the following products.

Recording Support	
LifeSize	<p>Recording from the video system: LifeSize Express 220 with software release 4.9.0 or later LifeSize Team 220 with software release 4.9.0 or later LifeSize Room 220 with software release 4.9.0 or later LifeSize Passport with software release 4.9.0 or later</p> <p>Dial out recording from LifeSize UVC Video Center: LifeSize Express 220 with software release 4.9.0 or later LifeSize Express 200 with software release 4.7.18 or later LifeSize Express with software release 4.7.18 or later LifeSize Team 220 with software release 4.9.0 or later LifeSize Team 200 with software release 4.7.18 or later LifeSize Team MP with software release 4.7.18 or later LifeSize Room 220 with software release 4.9.0 or later LifeSize Room 200 with software release 4.7.18 or later LifeSize Room with software release 4.7.18 or later LifeSize Passport with software release 4.9.0 or later LifeSize Desktop 2.0 (records main window only) Mirial Softphone: Windows 7, Mac 7.0.55</p>
Dial out recording from LifeSize UVC Video Center—two-way call recording:	
Codian	MCU 4505 4.1 (1.59)
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
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: 11.1 or later
Web Browsers	Microsoft Internet Explorer for Windows: 7, 8, 9 Apple Safari for Mac: 4.0.4, 5.0 Mozilla Firefox: 9.01 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:** Use dial out recording to record the video. (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.