



Release Notes

LifeSize® Video Center

Release: v1.1

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Product Documentation

For the most current version of product documentation, refer to lifesize.com/support.

Before You Begin

Ensure that you review the latest release notes for LifeSize video communications systems for issues related to recording and streaming.

Web Browser and Flash Player Support

The LifeSize Video Center interface is supported in this release with the Adobe Flash player v10.1 and the following web browsers:

- Microsoft Internet Explorer for Windows v7, v8, and v9
- Apple Safari for Mac v4.0.4
- Mozilla Firefox v3.5
- Google Chrome v4.0

New Features and Resolved Issues

Following are the major new features and resolved issues in this release. Refer to your LifeSize product documentation for more information about using the product. Numbers in parentheses following a summary are used for internal tracking purposes only.

Feature	Description												
<i>New Features and Enhancements:</i>													
LDAP integration.	If your site uses LDAP to authenticate users, you may integrate the LDAP server with LifeSize Video Center.												
Customizing the interface.	Administrators can customize the following elements of the user interface: <ul style="list-style-type: none"> • Logo that appears on every page. • Favicon. • Login page message. • Footer text that appears on every page. 												
Group permissions.	Administrators can manage permissions at the group level.												
Editing a recording key.	Administrators can define and edit the recording key number.												
Bandwidth limits.	Administrators can set aggregate bit rate limits to determine the number of allowed simultaneous recordings, live streams, and on-demand playback.												
Monitoring video and recording activity.	Administrators can monitor the number of connections and bandwidth used; and terminate playback. Administrators can also monitor recording activity and terminate recording.												
Dial out recording. (STR-429)	Administrators and content owners can record directly from LifeSize Video Center. This method initiates a SIP call to a video communications device that can stream H.264 video and G.711 audio. The number of supported concurrent dial out recordings depends on the bit rate and resolution of the recording. For example, dial out recording with LifeSize Video Center and LifeSize Room 200 supports the following number of concurrent dial out recordings: <table border="1" data-bbox="641 1291 1347 1417"> <thead> <tr> <th>Bit Rate</th> <th>Resolution</th> <th>Concurrent Recordings</th> </tr> </thead> <tbody> <tr> <td>768 kb/s</td> <td>720p30</td> <td>5</td> </tr> <tr> <td>400 kb/s</td> <td>480p30</td> <td>9</td> </tr> <tr> <td>270 kb/s</td> <td>360p30</td> <td>14</td> </tr> </tbody> </table> Resolution for a call of the same bandwidth will differ with another LifeSize system. Including a presentation results in lower resolution of the main video.	Bit Rate	Resolution	Concurrent Recordings	768 kb/s	720p30	5	400 kb/s	480p30	9	270 kb/s	360p30	14
Bit Rate	Resolution	Concurrent Recordings											
768 kb/s	720p30	5											
400 kb/s	480p30	9											
270 kb/s	360p30	14											
Embedding and sharing a video.	All users can copy the code for embedding the video in a web site. Users can also copy the link to the video.												
Viewing a video's statistics.	Administrators and content owners can display video statistics that include the total number of times the video was viewed; the number of views by date; the number of views by video segment; the number of views by video segment for the most recent 10 viewers; and viewer summary data.												
Uploading external videos.	Administrators and content owners can upload external videos.												

Feature	Description
Resolved Issues:	
Recording fails when recording key name exceeds 100 characters. (STR-372)	If the Name field of a recording key exceeded 100 characters, LifeSize Video Center recordings failed. With this release, recording is successful when a recording key name is a maximum of 200 characters. LifeSize Video Center enforces this correct 200 character maximum length.

Known Issues and Workarounds

The following table lists known issues and their solutions or workarounds, if available. Numbers in parentheses following an issue are used for internal tracking purposes only.

Issue/Problem	Description/Workaround
Audio/video sync issues when streaming live dial out recordings. (STR-438)	When streaming live dial out recordings with the following third party systems, audio leads video: <ul style="list-style-type: none"> • Polycom VSX 8000 • Polycom VSX 7000 • Polycom HDX 8000 • Polycom HDX 9000 • Tandberg 1000 MXP • Tandberg 6000 MXP • Tandberg C20
Dial out recording displays blank presentation from LifeSize Passport through LifeSize Virtual Link. (STR-389)	Initiating a dial out recording from LifeSize Video Center to LifeSize Passport displays a blank presentation when the presentation is started through LifeSize Virtual Link.
Dial out recording terminates call when a video system that does not support H.264 joins the call. (STR-364)	LifeSize Video Center uses the SIP communications protocol for dial out calls, but supports video communications systems that can stream H.264 video only. When LifeSize 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 Video Center terminates the call.
Sync issue with presentation playback. (STR-357)	A presentation leads or lags the main video by approximately 5 seconds when you seek a frame in the recorded video.
System Status page displays possible, not actual, bandwidth usage for a stream. (STR-351)	Because a live stream's viewing bit rate at Administer : System Status displays the possible bandwidth usage, the value includes bandwidth for a presentation, even if no presentation is included.
Search engine does not find live videos. (STR-289)	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.
Video distorted when recording primary input that switches aspect ratios. (STR-288)	Recording may have distortions every 10 seconds and audio may be out of sync if the main video's input source is switched during the recording. The distortions are more likely to occur if the aspect ratios of the sources differ. Workaround: Avoid switching between sources of different aspect ratios on the primary input.

Issue/Problem	Description/Workaround
High bandwidth bit rates over high latency links causes video issues. (STR-284)	High bit rate video streamed over high latency networks may appear distorted in playback. Microsoft Windows XP and earlier Microsoft operating systems are not tuned to 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 decimal value of 256960 (hexadecimal value 0x0003ebc0).
Ten digit recording keys are not accepted by LifeSize video communications systems. (END-15471)	Although LifeSize Video Center can generate 10 digit recording keys, LifeSize video communications systems cannot accept them and instead produce an error message. Workaround: Limit your recording keys to 9 digits.
Recordings are not sorted correctly when you choose to view them by owner. (STR-116)	When you click the Owner heading to list recordings by owner from the Administer : User and Content Management : Recordings page, recordings are sorted by user ID and not alphabetically by name.
Recording date and time reflects the recording end date and time. (STR-271)	The recording date and time displayed for a video reflects the date and time the recording ended, not the date and time the recording began.
Restoration from a backup does not complete if interrupted by a server reboot or shutdown. (STR-258)	If you reboot or shut down the server while restoring from a backup image, the restoration process does not continue after the server is restarted even though the process is reported as <i>in progress</i> . Workaround: Cancel the restore operation and restart it.
Posting a comment to a video while it is playing causes the playback to revert to the beginning of the video. (STR-98)	If you comment on a video while it is playing, playback reverts to the beginning of the video.

Interoperability

LifeSize Video Center with this software release supports the following third party devices.

Supplier	Products
LifeSize	<p>Recording from the video system: LifeSize Express 220 with software release 4.6.0 or later LifeSize Team 220 with software release 4.6.0 or later LifeSize Room 220 with software release 4.6.0 or later LifeSize Passport with software release 4.7.0 or later</p> <p>Dial out recording from LifeSize Video Center (all systems require software release 4.7.0 or later): LifeSize Express 220 LifeSize Express 200 LifeSize Express LifeSize Team 220 LifeSize Team 200 LifeSize Team MP LifeSize Room 220 LifeSize Room 200 LifeSize Room LifeSize Passport LifeSize Desktop 2.0 (records main window only)</p>
Dial out recording from LifeSize Video Center—out of call recording only:	
Codian	MCU 4210: 3.1(2.13)
Polycom	VSX 7000: 9.0.5.1 (for calls at or below 768 kb/s) VSX 8000: 9.0.5.1 (for calls at or below 768 kb/s) HDX 9002: 2.6.1-5159 HDX 8000: 2.6.1-5159
Tandberg	Tandberg 6000 MXP: F9.0 NTSC Tandberg 1000 MXP: F9.0 NTSC Tandberg 880MXP: F9.0 NTSC Tandberg 990MXP: F9.0 NTSC Tandberg C20: TC3.1.2.227244

Interoperability Limitations

The following table lists known limitations with third party products. Numbers in parentheses following an issue are used for internal tracking purposes only.

Feature	Limitation
General Third Party Issues:	
Dropped frames in video playback on Microsoft Internet Explorer and Adobe Flash player v10.1. (STR-299)	Video playback in Microsoft Internet Explorer and Adobe Flash player v10.1 results in a disproportionate number of dropped frames compared to playback in other supported browsers. Workaround: Use Apple Safari, Google Chrome or Mozilla Firefox with Adobe Flash player v10.1 for playback with significantly fewer dropped frames.

Feature	Limitation
Garbled video playback using Adobe Flash player v10.1 on Microsoft Windows Vista and Microsoft Windows 7. (END-15772)	<p data-bbox="625 241 1417 331">During video playback using Adobe Flash v10.1 on Microsoft Windows Vista or Microsoft Windows 7, green blocks appear when using the slider to move forward or backward in the video.</p> <p data-bbox="625 331 1417 422">Workaround: Update video drivers to the latest versions. If problems persist, disable hardware acceleration on Adobe Flash player v10.1:</p> <ol data-bbox="673 422 1417 512" style="list-style-type: none"> <li data-bbox="673 422 1417 457">1. Right-click inside the player window and select Settings. <li data-bbox="673 457 1417 493">2. Clear the Enable hardware acceleration check box. <li data-bbox="673 493 1417 512">3. Click Close.

Technical Services

LifeSize Communications welcomes your comments regarding our products and services. If you have feedback about this or any LifeSize product, please send it to feedback@lifesize.com. Refer to lifesize.com/support for additional ways to contact LifeSize Technical Services.