



Release Notes

LifeSize Video Center

Release: v1.0.1

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Product Documentation

For the most current version of product documentation, refer to the Support page of www.lifesize.com.

Before You Begin

Ensure that you review the latest *LifeSize Video Communications Systems Release Notes* 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 and v8
- 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>	
LifeSize Video Center reboots successfully when failed disk is removed without being deregistered from the RAID. (STR-281)	While LifeSize recommends that you deregister a failed hard drive before shutting down the system and replacing the drive, LifeSize Video Center now successfully reboots with a replacement drive even if the old drive has not been deregistered. You must deregister the old drive and register the replacement to be able to use the new drive in the RAID array.
<i>Resolved Issues:</i>	
Replacement LifeSize Video Center does not appear on the network correctly when started up with hard drives from previous server. (STR-282)	A replacement LifeSize Video Center chassis did not appear on the network correctly when started up with the hard drives from the original LifeSize Video Center. This issue is resolved in this release.
Replacement disks with invalid or non-existent partition tables not detected. (STR-297)	LifeSize Video Center did not detect replacement disks with invalid or missing partition tables, and therefore could not partition the disks for use in the RAID array. This issue is resolved in this release.
Cannot access videos from channels with names that include non-alphanumeric characters. (STR-292, STR-300)	Clicking on videos from channels with non-alphanumeric characters in their names produced Page Not Found errors. This issue is resolved in this release.
Presentations in videos have a several second latency. (STR-249)	Because of a limitation of the Adobe Flash player v10, presentations appeared black and then lagged the video in recordings and live streams. Upgrade to Adobe Flash player v10.1 to eliminate or reduce the latency to below five seconds.
Long delay in starting presentations in live streams and possible data loss in recordings. (STR-280, END-15553)	When you started a presentation in a call being recorded or streamed, it may not have appeared in the stream for 20 seconds. If you stopped and restarted the presentation in an attempt to correct this issue, the presentation did not appear in the recording at all. If you advanced slides during this latency, that data may not have been recorded. This issue is resolved in this release.
DNS configuration page may show an empty DNS search field after you enter multiple domain names. (STR-259)	If you entered multiple domain names in the Search field of the DNS configuration page (Administer : System Settings : DNS Configuration), the names did not appear in the Search field subsequently, even though they are used by the server for DNS queries. This issue is resolved in this release.
Primary video source with aspect ratio other than 16:9 crashes or distorts live stream. (STR-293)	If the primary video sent to LifeSize Video Center was not 16:9, the live stream aspect ratio did not match the original and was instead forced to 16:9 with Adobe Flash player v10.0. Adobe Flash player v10.1 failed under this condition. This issue is resolved in this release for both cases.
Home page not updated to reveal new live streams as they become available. (STR-201)	The Home page of LifeSize Video Center did not update to list new live streams as they became available. In this release, the Home page updates live stream information every minute.

Feature	Description
Empty recordings created when video communications systems send no data. (STR-279)	When recordings began, but sent no data, LifeSize Video Center created empty recordings (no video). This issue is resolved in this release.
Upon restart, LifeSize Video Center does not validate hostnames that contains spaces, and streaming is not available. (STR-294)	If the hostname of a LifeSize Video Center contained spaces, streaming would not be available upon server restart because the hostname could not be validated. In this release, spaces are not allowed in hostnames. Only alphanumeric, dash, and period characters are allowed in hostnames.
Presentation frame initially superimposed on primary video during playback. (STR-298)	When recording a two-way call with presentation, the presentation frame was initially superimposed over the primary video during playback before correcting itself. This issue is resolved in this release.
Option to enable or disable network interface card removed. (STR-269)	LifeSize Video Center supports only one network interface card. The option to enable or disable the interface has been removed in this release.

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
High bandwidth bit rates over high latency links causes video issues. (STR-284)	High bit rate video streamed over high latency networks may stutter in playback. Microsoft Windows XP and earlier Microsoft OSes 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).
Video distorted when recording primary input that switches aspect ratios. (STR-288)	The video recording from a primary input that switches to a source with a different aspect ratio was distorted. This release greatly improves the video, but glitches may still occur at 10 second intervals, and audio and video may become out of sync. Workaround: Avoid switching between sources of different aspect ratios on the primary input.
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.
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.

Issue/Problem	Description/Workaround
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 LifeSize Express 220, LifeSize Team 220, and LifeSize Room 220 with software release v4.6.0 or later, and LifeSize Passport with software release v4.7.0 or later.

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:	
Many 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.
Garbled video playback using Adobe Flash player v10.1 on Microsoft Windows Vista and Microsoft Windows 7. (END-15772)	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. Workaround: Update video drivers to the latest versions. If problems persist, disable hardware acceleration on Adobe Flash player v10.1: <ol style="list-style-type: none"> 1. Right-click inside the player window and select Settings. 2. Clear the Enable hardware acceleration check box. 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 <http://www.lifesize.com/support> for additional ways to contact LifeSize Technical Services.