



## **Release Notes**

### **LifeSize Video Center**

**Release: v1.0.2**

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## **Product Documentation**

For the most current version of product documentation, refer to the Support page of [www.lifesize.com](http://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
<b><i>New Features and Enhancements:</i></b>	
Clicking a password-protected link to LifeSize Video Center requires users to re-enter the link in the browser address bar after logging in. (STR-313)	Users are automatically redirected to the original link location after successfully logging in.
Safeguard against accidental lockout from administrator account. (STR-324)	If administrators uncheck administration privileges from their own accounts, a warning displays and users are prevented from proceeding.
<b><i>Resolved Issues:</i></b>	
When a user attempts to reset the password of the administrator account through the console login, an error occurs. (STR-328)	The console command interface has been corrected to reset the administrator password without errors.
After starting a stream to LifeSize Video Center it stops shortly thereafter. (STR-312)	Some recordings failed after about 160 recordings. The failed recordings had audio, video, and presentation RTP/RTCP ports assigned such that they were not in a continuous range of 6 ports. In this release, port allocation algorithms have been changed to ensure that all allocations are a continuous range of six ports, therefore preventing premature termination of the stream. The port range is 50000-50996.
In networks that exhibit packet reordering (out of sequence packets), presentation streams may not have been recorded, the duration of the recording may have displayed incorrectly, or the recording may have split into multiple files. (STR-290)	A packet sequencer has been added to reorder packets based on RTP sequence numbers. The reordering buffer is 1 second long. Any out of order packets that arrive in a 1 second interval will be reordered. Out of order packets delayed by more than a second will be discarded (treated as packet loss).
On newer systems with this release, you can identify the serial number of LifeSize Video Center from the web. (STR-314)	Newer systems now display the serial number on the Operations and Maintenance page in the Administer tab. Older systems will display the serial number as Unknown; however you can access that number on the physical device.
Web server restarts periodically in maintenance mode. (STR-324)	When the server is in maintenance mode, the health monitoring component assumes the web server is not functioning and restarts it periodically. This has been corrected in this release. Additionally, the maintenance mode indication contains a link to the administration login page.

## 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. <b>Workaround:</b> 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. <b>Workaround:</b> 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. <b>Workaround:</b> 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. <b>Workaround:</b> 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 <b>Administer : User and Content Management : Recordings</b> 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> . <b>Workaround:</b> 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
<b>General Third Party Issues:</b>	
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. <b>Workaround:</b> 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. <b>Workaround:</b> 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"><li>1. Right-click inside the player window and select <b>Settings</b>.</li><li>2. Clear the <b>Enable hardware acceleration</b> check box.</li><li>3. Click <b>Close</b>.</li></ol>

## 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](mailto:feedback@lifesize.com). Refer to <http://www.lifesize.com/support> for additional ways to contact LifeSize Technical Services.