



Release Notes

LifeSize® Transit™

Release: v2.1.1

Use of LifeSize equipment and software components are governed by the conditions and terms of the LifeSize Communications End User License Agreement.

Product Documentation

The following documentation is available in this release:

Documentation	Description
<i>LifeSize Transit User Guide</i>	Describes installation, common usage, and troubleshooting information for your LifeSize Transit system. Available from the documentation CD included in the product box as well as from the Customer Support page of the LifeSize web site.
<i>LifeSize EULA and Third Party Licenses</i>	The LifeSize End User License agreement and listing of Third Party Licenses are available from the documentation CD included in the product box as well as from the Customer Support page of www.lifesize.com .
<i>LifeSize Safety and Regulatory Notices</i>	Describes safety guidelines and regulatory notices for the LifeSize hardware. This document is available from the documentation CD included in the product box as well as from the Customer Support page of www.lifesize.com .
<i>Release Notes</i>	This document, which describes known issues in the current release and any available workarounds. Also provides Customer Support contact information. Available from the Customer Support page of www.lifesize.com .

Interoperability and Third Party Device Support

For detailed information about third-party devices that are supported with your LifeSize video communications systems software, refer to the Release Notes for your video system. The following table identifies the specific third party support with LifeSize Transit Server.

Supplier	Products
LifeSize	Multipoint 5.7 Gatekeeper 5.7 Desktop 1.01
Tandberg	880/990 MXP: F8.0 1000 MXP: F8.0 6000 MXP: F8.0 Border Controller: Q5.2
Polycom	VSX 3000: 9.0.5 VSX 7000: 9.0.5 VSX 8000: 9.0.5 HDX 9002: 2.5.0
Codian	MCU 4210: 2.3 (1.8)
Sony	PCS-1: 3.41 G70: 2.65

Terminology

The following table identifies various terms used in field names of LifeSize Transit Server and LifeSize Transit software that refer to the same item.

LifeSize Transit Server	LifeSize Transit Software
User ID	Transit Username
Password	Transit Password
SIP ID	SIP Username
SIP Name	Authorization Name
SIP Password	Authorization Password

Features and Limitations

Numbers in parentheses following an issue are used for internal tracking purposes only.

Feature	Support or Limitation
LifeSize Desktop support. (TRA-264)	LifeSize Desktop users must install LifeSize Transit v2.1.1 to address video freezing issues corrected in that release.
LifeSize software support for Direct Media with LifeSize Transit.	LifeSize Transit users that use the Direct Media feature must upgrade to LifeSize video communications software release v4.2.5 for Direct Media to function properly.
Support for direct media for H.460 calls on the same subnet.	<p>In this release, H.460 processing now allows media to go direct when the two devices in the call are behind an IP address group.</p> <p>The Media Engine Configuration page of the LifeSize Transit Operation & Maintenance interface, has been modified to include a list of address groups, from which you can add or remove the addresses included in a group. When only one of the H.323 devices are registered on the LifeSize Transit Server, H.460 media relay is enabled.</p> <p>This change does not require proprietary signaling and will work with any third party devices.</p> <p>The <i>LifeSize Transit User Guide</i> currently states for Media Relay:</p> <p>Mark the Allow direct media for UDP registrations behind the same public address checkbox to yield more efficient media between clients on the same local network. This may cause media to fail on complex local networks with internal firewalls or NAT devices. You may want to enable this setting on an enterprise server if you know there is only one NAT device on the local network, but disable it for ISP installations serving many unknown NATs.</p> <p>This option has been changed to “Use of direct media based on public address:” with a new option to Use custom mapping of public addresses to LANs.</p> <p>In the Public to Same LAN mapping table, you can add a new mapping by entering the public IP address and corresponding LAN nickname and clicking the Add button.</p>

Call drops when connected to Codian. (TRA-236)	Multiway calls using Codian v2.4 drop after several seconds. This was a known issue in the Codian software that incorrectly handled UDP negotiation. This issue has been corrected in this release of LifeSize Transit, and in the Codian v3.0 software.
SIP call failed with LifeSize Transit Server. (END-12425)	SIP calls fail between a LifeSize system and LifeSize MCU through the LifeSize Transit Server. This problem has been corrected in this release.
Parties in a SIP call behind a firewall and who are not using LifeSize Transit.	When you use LifeSize Transit to call parties who have public addresses and who are not using LifeSize Transit, ensure that SIP fixup and deep packet inspection are disabled on the firewall between the LifeSize Transit Server on the DMZ and the open Internet. Some firewalls with these settings enabled will cause calls to be routed outside of LifeSize Transit, resulting in call failure.
Bandwidth limit for video calls when you use TCP or HTTP firewall traversal. (END-4528)	If your firewall is configured to block UDP, and video calls must use LifeSize Transit TCP or HTTP for firewall traversal, LifeSize recommends using a total bandwidth limit of 1 Mb/s for a two way call. For a three-way call, LifeSize recommends using a bandwidth limit of 512 Kb/s.
Restoring the database requires reboot of the Signaling Server. (TRA-59)	When you restore the LifeSize Transit Server database you must restart the Signaling Server from the Server Configuration page in order for all the restored settings to take effect.
Transit Server allows duplicate H.323 registrations. (TRA-136)	Transit Server allows two (or more) devices with the same extension to be registered to the same Transit Server, but only the last device registered receives the call.
LifeSize Multipoint participation in firewall traversed conference calls	In order to use LifeSize Multipoint in a firewall traversed conference call, LifeSize Multipoint must register to LifeSize Gatekeeper and LifeSize Gatekeeper must neighbor with LifeSize Transit's embedded gatekeeper. External H.460 enabled devices must register to LifeSize Transit in order to participate in a multipoint call. You can deploy LifeSize Multipoint and LifeSize Gatekeeper in either your DMZ or in the private address space as long as there is no NAT enabled between LifeSize Multipoint, LifeSize Gatekeeper, or LifeSize Transit.

Known Issues

Numbers in parentheses following an issue are used for internal tracking purposes only.

Feature	Support or Limitation
Active call list showing different type of user IDs. (TRA-158)	The active call list displays different types of user IDs for both the originating and terminating side of the call. If you place a call using an H.323 name and extension, the terminating user ID appears with an H.323 extension and name. The originating caller user ID only appears with the H.323 name.
Bandwidth of 500-700 kb/s occurs for 1 mb/s H.460 two way calls. (TRA-156)	When H.460 is enabled, Polycom devices are unable to receive 1mb/s calls.
Unable to dial into MGC through LifeSize devices that are registered to LifeSize Transit Server. (TRA-189)	Polycom MGC video MCU is not supported in this release. Calls placed to Polycom MGC from devices that are registered to LifeSize Transit Server fail.
No video appears on a Sony G70 in a two way call with LifeSize devices. (TRA-192)	SONY devices do not manage bandwidth resources appropriately with LifeSize Transit. Bit rate requests in calls from LifeSize devices registered to LifeSize Transit to a SONY G70 are rejected resulting in failed video channels.

Customer Support

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. You may also contact LifeSize Customer Support as follows:

Method	Address
Internet	http://www.lifesize.com
E-mail	support@lifesize.com
Phone	(877) LIFESIZE or (877) 543-3749 (512) 347-9300
Fax	(512) 347-9301