# Release Notes

## LifeSize UVC Transit

## Release v4.0.1



LifeSize UVC Transit is deployed as an application on LifeSize UVC 1100 or LifeSize UVC Platform virtual machine. For the current product documentation for LifeSize UVC Transit and LifeSize UVC Platform, refer to lifesize.com/support.

## New Features

Following are the new features in this release. Numbers in parentheses are used for internal tracking.

- LifeSize UVC Transit includes language support for English, German, French, Italian, Japanese, Korean, Russian, Spanish, and Simplified and Traditional Chinese.
- LifeSize UVC Transit Client now includes backup, restore, and reset functionality. (TRA-2014)
- Upgrading to LifeSize UVC Transit 4.0.1 automatically upgrades LifeSize UVC Platform to version 1.0.1. Refer to the release notes for LifeSize UVC Platform 1.0.1 for details about this release.

## Resolved Issues

Following are the major resolved issues in this release. Numbers in parentheses are used for internal tracking.

- Tunnel connections and current calls are now disconnected when you add a UVC Transit Client IP address or other device IP addresses to a blocked IP address list. (TRA-1978)
- Downloading a MIB file from UVC Transit Client no longer returns a *Page does not exist* error. (TRA-1973)
- Sony devices can manage bandwidth resources appropriately with LifeSize UVC Transit. Bit rate requests in calls from LifeSize devices registered to LifeSize UVC Transit to a SONY G70 are accepted. (TRA-192)




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# Known Issues

Following are known issues and workarounds, if available. Numbers in parentheses are used for internal tracking.

- When you add a new route to LifeSize UVC Access, LifeSize UVC Transit ends ongoing calls. **Workaround**: Add new routes when no calls are connected. (TRA-2048)
- If the SIP signaling mode on LifeSize UVC Transit Client is not set to *Tunneled*, a SIP/TLS call between two systems in the same LAN registered to LifeSize UVC Transit Server and LifeSize UVC Transit Client consumes a license seat. (TRA-1975)
- Calls to a LifeSize Bridge conference that requires a password may fail when LifeSize UVC Transit is configured with LifeSize UVC Access as an external gatekeeper. **Workaround**: Configure a static route to LifeSize Bridge from both LifeSize UVC Transit and LifeSize UVC Access. (TRA-1773)
- H.323 calls between two systems in the same LAN registered to UVC Access with UVC Transit Client and UVC Transit Server consume a license seat in UVC Transit Client and UVC Transit Server instead of only consuming a license in LifeSize UVC Access. (TRA-1992)
- A backup of the settings on UVC Transit Server does not capture the public IP address for the signaling and media servers. **Workaround:** Reset these IP addresses through **Configuration : Servers**. (TRA-1980)
- Backups from UVC Transit Server do not capture media and STUN settings. (TRA-1790)
- You cannot delete SIP domain routes named "*" with a tunnel ID on UVC Transit Server. (TRA-1977)
- The deployment verification feature may probe the wrong ports if you change the port range for TURN in **Advanced Media Settings**. (TRA-1181)
- To manage a LifeSize UVC Transit Server (that uses NAT) in LifeSize Control, use LifeSize UVC Transit Server's public IP address (the IP address using NAT). Managing LifeSize UVC Transit Server in LifeSize Control using LifeSize UVC Transit Server's internal IP address is not supported. Also ensure that all required ports are open on the IP address using NAT. Refer to the *LifeSize UVC Transit Deployment Guide* for port information. (CTL-5265)
- Calls between private systems registered to LifeSize UVC Transit Server may disconnect when the server is put into maintenance mode. (TRA-1278)
- No audio or video is available in a SIP call between two devices in the same LAN when ICE is disabled. Both devices are registered to LifeSize UVC Transit Server. **Workaround:** Using STUN for traversal without ICE may result in a lack of audio and video for calls on the local network. LifeSize recommends enabling ICE on all LifeSize UVC Transit-enabled devices. If this is not possible, and multiple devices reside on the same LAN, from LifeSize UVC Transit Server navigate to **Configuration : Media : Enable UDP relay** and select *Non-ICE*. (TRA-1166)
- When a public LifeSize device is in a SIP call with seven LifeSize devices registered to LifeSize UVC Transit Server through LifeSize UVC Transit Client and then starts and stops a presentation, the following issues may arise:
  - The **Status : Calls** page in LifeSize UVC Transit Server may no longer show all seven participants in the call.
  - Several of the private devices may have blank presentations. (TRA-468, TRA-469)
- When you use LifeSize UVC Transit to call parties who have public addresses and who are not using LifeSize UVC Transit, ensure that SIP fixup and deep packet inspection are disabled on the firewall between LifeSize UVC Transit Server in the DMZ and the open Internet. Some firewalls with these settings enabled will cause calls to be routed outside of LifeSize UVC Transit, resulting in call failure.

# Product Limitations

Following are known limitations with LifeSize UVC Transit. Numbers in parentheses are used for internal tracking.

- Placing a call from a video system registered to LifeSize UVC Transit Server or LifeSize UVC Transit Client to another video system in the private network by dialing its private IP address is not supported. (TRA-377)
- Disabling SIP or H.323 on LifeSize UVC Transit Server does not automatically disable them on LifeSize UVC Transit Client and vice versa. You must disable them manually on both devices. (TRA-743, TRA-741)
- Calls fail if the same outbound and inbound dialing prefixes are used when configuring LifeSize UVC Transit Server and LifeSize UVC Transit Client to use a gatekeeper in the private LAN. **Workaround:** Ensure that both prefixes are unique, numeric characters and that the outbound prefix is not already in use by the gatekeeper. (TRA-337)
- LifeSize UVC Transit Server allows two (or more) devices with the same extension to be registered to the same LifeSize UVC Transit Server, but only the last device registered receives the call. (TRA-136)

# Interoperability

LifeSize UVC Transit v4.0.1 is supported with the following web browsers and devices:

| Supplier | Products |
|---|---|
| Avaya | Aura Session Manager: v6.1.1.0.611023 |
| Cisco | IOS:12.4 (17a)<br>CUCM: 7.1.2.10000-11 |
| LifeSize | 220 systems: 4.10<br>Passport: 4.9.0<br>200 systems and earlier: 4.7.20<br>Bridge 2200: 1.5<br>Multipoint: 5.7.2.0.7<br>Gatekeeper: 7.0.1.4<br>Desktop: 1.0.3.242, 2.0.2.191<br>UVC Access: 1.0.1<br>Mirial Softphone<br>Windows 7 Professional: 7.0.56<br>Windows XP 2002 SP3: 7.0.56<br>Mac OS: 7.0.56 |
| GNU | GNU gatekeeper: 2.3.4 |
| Polycom | VSX 7000: v9.0.6.1<br>VSX 8000: v9.0.6.1<br>HDX 9002: v3.0.3-14451<br>HDX 8000: v3.0.3-14451<br>PVX softclient: v8.0.4 |
| Sony | G70: v02.65 |
| Tandberg | 1000 MXP: F9.0<br>6000 MXP: F9.0<br>Codian MCU 4210: 4.1 (1.59)<br>C20: TC4.0.1.240265, 4.2.1.265253<br>VCS Expressway: X5.1.1 |

**NOTE**: For a list of supported web browsers, refer to the latest release notes for LifeSize UVC Platform.

# Interoperability Limitations

Following are the known limitations with third party products. Numbers in parentheses are used for internal tracking.

### General

- SIP calls through UVC Transit Server may fail from third party devices with low session expiration timer settings. (TRA-1845, TRA-1777)
- SIP calls fail from a private Mirial Softphone or Polycom PVX soft client registered to LifeSize UVC Transit Server through LifeSize UVC Transit Client to an unregistered public device. **Workaround:** Register the public device to LifeSize UVC Transit Server. The dial pattern is sip:username@<public_device_IP_address>. (TRA-1099)
- Third party SIP registrars do not support registration of public devices through LifeSize UVC Transit Client and LifeSize UVC Transit Server. (TRA-1333, TRA-1477)

### Polycom

- A SIP call from a public Polycom VSX 7000 to a LifeSize Room registered to LifeSize UVC Transit Server through LifeSize UVC Transit Client loses video to the Polycom device after connecting. Video is sometimes regained. (TRA-575)
- In an environment with LifeSize UVC Transit Client, LifeSize UVC Transit Server, and a gatekeeper, an H.323 call fails from a private, gatekeeper-registered Polycom VSX 7000 system to a public, unregistered LifeSize Bridge 2200. (TRA-689)
- An HDX 9000 or HDX 8000 registered to LifeSize UVC Transit Server reboots when placing or receiving a call from a public LifeSize device. (TRA-1720)

### Cisco

- H.323 calls fail from a device in the LAN registered to a Cisco IOS gatekeeper in the LAN with LifeSize UVC Transit Client and LifeSize UVC Transit Server to an unregistered public video system. **Workaround:** Use the Cisco IOS gatekeeper specific dial pattern <*Outbound_prefix*><*Public_IP*>@<*LifeSize_Transit_Client_IP*>. (TRA-1041, TRA-1275)
- CUCM does not support SIP calls from a private LifeSize device registered to CUCM to a public LifeSize device when using the public device's IP address as the dial string. (TRA-1479)
- CUCM does not support presentation and far end camera control. (TRA-1323)

### Tandberg

- A Tandberg VCS gatekeeper disconnects calls after approximately 20 minutes in configurations where it is the gatekeeper in the private LAN with LifeSize UVC Transit Client and LifeSize UVC Transit Server. **Workaround:** Increase **VCS Configuration : H.323 : Call time to live** to a very high number, such as 10000 (3 hours). (TRA-1265)
- A Tandberg C20 reboots continuously after SIP registration with LifeSize UVC Transit Server through LifeSize UVC Transit Client. **Workaround:** Set the Tandberg C20 **Outbound** preference to *On*. (TRA-1252)
- In an H.323 conference hosted by a public Codian MCU not registered to LifeSize UVC Transit Server, video freezes on a LifeSize system registered to LifeSize UVC Transit Client and LifeSize UVC Transit Server for 25 seconds and then recovers when another similarly registered private LifeSize system leaves the conference. (TRA-579)
- A video system cannot directly dial a conference hosted on a Codian MCU using SIP, when one is public and the other is in a private LAN, registered to UVC Transit Server through UVC Transit Client. **Workaround:** Dial the Codian MCU by IP address and use the Codian MCU IVR conference list screen to select the conference. (TRA-528)

### GNU

- H.323 calls fail from a public device registered to LifeSize UVC Transit Server to a device in the LAN registered to the GNU gatekeeper in the LAN with LifeSize UVC Transit Client and LifeSize UVC Transit Server. **Workaround:** Edit the .ini file for the GNU gatekeeper to set LifeSize UVC Transit Client as a neighboring gatekeeper. (TRA-926)
- H.323 calls fail from a device in the LAN registered to the GNU gatekeeper in the LAN with LifeSize UVC Transit Client and LifeSize UVC Transit Server to an unregistered public device. The GNU gatekeeper does not support outbound calls with H.323 ID. **Workaround:** Use the following dial plan: <outboundprefix><public_device_IP_address>@<UVC_Tranist_Client_IP_address> (TRA-925, TRA-899)

# Documentation Issues

### Configuring Annex O Dialing

Annex O calls between a private device registered to a UVC Access with UVC Transit Client and UVC Transit Server and an unregistered public device require the following configuration:

- For the incoming calls, create a local domain on UVC Access that includes the public device.
- For the outgoing calls, set up DNS on UVC Transit Client.

When provisioning users for Annex O calling, register with both the H.323 extension and extension@domain as the H.323 name. This ensures that calls succeed between a device in LAN1 registered to a LifeSize UVC Transit Client in LAN1 and LifeSize UVC Transit Server and a device in LAN2 registered to a LifeSize UVC Transit Client in LAN2 and the same LifeSize UVC Transit Server.

### Configuring Static NAT Traversal Rules

When you deploy UVC Transit Server in the DMZ with static NAT, you must apply a NAT rule between the DMZ and devices in the LAN, or media cannot flow on SIP and H.323 calls between public and private devices.

### Using Mirial Softphone Dialing Patterns

When placing calls between a private LifeSize Mirial Softphone and a public LifeSize device, use the following dialing patterns:

- Incoming: *<UVC_Transit_Server_signaling_ip>##extension*
- Outgoing: *outbound_prefix*<gatekeeper_IP_address@<public_IP_address>*

### Minimizing Open Ports on the Internal Firewall

You can open either port 444 or 443 for the tunnel between LifeSize UVC Transit Server and LifeSize UVC Transit Client. Ensure that the same port, 444 or 443, is open for both the signaling and media IP addresses.

# 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.