



Release Notes

LifeSize® Networker™

Release: v2.0

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 Networker Product Information</i>	Describes setup and common usage for your LifeSize Networker 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 Networker Quick Reference Card</i>	A visual depiction of the proper installation of all cables and components. Printed and included in the product box as well as available from the Customer Support page of www.lifesize.com .
<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

LifeSize supports the following third party devices.

Supplier	Products
Aethra	Vega Star: 4.01.32 Vega Star Silver: 6.0.18 AVC8400: 6.0.49
Codian	Codian 3240 ISDN Gateway 1.2 (1.23)
Polycom	Polycom VSX3000: 8.5.3 Polycom VSX7000: 8.5.3 Polycom VSX8000: 8.5.3 Polycom VS EX: 6.0.5 Polycom VS FX: 6.0.5 Polycom MGC-50/100: 8.0.0.27
LifeSize	LifeSize Gateway (PRI) v5.1
Radvision	Radvision Scopia 100 Gateway (P10) v.5.0
Sony	Sony PCS-1: V3.40L18
Tandberg	Tandberg 880/990 MXP: F6.1 Tandberg 1000 MXP: F6.1 Tandberg 6000 MXP: F6.1 Tandberg 880: E5.3 Tandberg 1000: E5.3 Tandberg 6000: B10.3

Supported Switches

If configured as a PRI device, LifeSize Networker supports the following switches:

Switch	Region	Interface	Framing	Encoding
AT&T 4 ESS	North America	T1	ESF	B8ZS
AT&T 5 ESS point to point	North America, Taiwan	T1	ESF	B8ZS
ETSI (European ISDN)	Taiwan, Hong Kong	T1	ESF	B8ZS
Nortel DMS 100	North America	T1	ESF	B8ZS
National ISDN (N12)	North America	T1	ESF	B8ZS
ETSI (European ISDN)	Europe, Taiwan	E1	CRC4	HDB3
NTT (INSNET1500)	Japan	J1	ESF	CCITT

If configured as a BRI device, LifeSize Networker supports the following switches:

Switch	Region	SPID Support
ETSI (European ISDN)	Europe	N/A
NTT	Japan	N/A
National ISDN	North America	SPID configurable Auto SPID supported
AT&T 5ESS Point to Point	North America	N/A
AT&T 5ESS Multipoint	North America	SPID configurable
Nortel DMS 100	North America	SPID configurable

New Features and Resolved Issues in this Release

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

Feature	Description
4-way continuous presence call support	Previous releases of LifeSize Networker system software supported only one ISDN caller during a multi-way call. This release includes support for up to three ISDN callers with LifeSize Networker. Calls support continuous presence video only. When configured as a BRI device, LifeSize Networker supports up to three calls with a total bandwidth up to 8B channels (512 kb/s). When configured as a PRI device, LifeSize Networker supports up to three calls with a total bandwidth up to 18B channels (1.152 Mb/s).

Features and Limitations

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

Feature	Support or Limitation
LifeSize Networker requires software release v3.0.5 for LifeSize video communications systems.	To function properly, this release of LifeSize Networker requires software release v3.0.5 for LifeSize video communications systems. Ensure that your LifeSize video communications system has IP connectivity.
Voice activated switching of video is not supported with LifeSize Networker. (NET-1018)	Voice-activated switching of video is not supported during calls with LifeSize Networker in this release.
Virtual multiway is not supported with ISDN calls.	Virtual multiway with LifeSize video communications systems is not supported in a multi-way call when an ISDN call with LifeSize Networker is one of the participants.
LifeSize Networker U is in End of Sale status.	This release is available for the LifeSize Networker S/T model only. The LifeSize Networker U model has been announced as End of Sale.
Downspeeding from 2b to 1b is not supported.	Downspeeding from 2b to 1b will result in the call being disconnected.
ISDN calls to LifeSize Team and LifeSize Express may fail when configured with LifeSize Networker through a gatekeeper and the DID suffix length is greater than 4. (NET-730)	Because the switch sometimes truncates called numbers to the last four digits, ISDN calls to LifeSize Team and LifeSize Express may fail when configured with LifeSize Networker through a gatekeeper. To work around this issue, use a DID suffix length of 4 and enable a DID prefix when configuring LifeSize Networker with LifeSize Team.

Known Issues and Workarounds

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

Issue/Problem	Description/Workaround
Remotely locating LifeSize Networker connected to LifeSize Room or LifeSize Team MP	If you are using LifeSize Networker with LifeSize Room or LifeSize Team MP and your conference room has two network ports, you can locate LifeSize Networker in a separate room. Use one of the conference room ports to connect LifeSize Networker to the Networker port of the LifeSize system and the other conference room port to connect the LifeSize system to your network. This may be useful, for example, when ISDN lines cannot be placed in the conference room.
Reboot after changing switch variant. (NET-860)	If you change the switch variant, LifeSize Room, LifeSize Team MP, and LifeSize Networker systems automatically reboot. For standalone Networker units, you must manually reboot Networker after changing the switch variant.
Video may be shaky when using FECC with a system connected to a Codian Gateway. (NET-858)	Video may appear shaky in your system when controlling the far end camera from a device connected to a Codian Gateway.
Comma is not supported in a gateway service prefix. (NET-726)	LifeSize Networker allows you to enter # (pound), * (asterisk), and , (comma) symbols for the gateway service prefix; however, the comma is unsupported in this release.

Interoperability Issues

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

Issue/Problem	Description/Workaround
Presentations (H.239) support with third party devices. (NET-1020)	Presentations (H.239) in ISDN calls with LifeSize Networker are supported with LifeSize, Polycom, and Tandberg video conferencing systems only. Support for presentations with Polycom systems does not include Polycom MGC.
All calls from a Codian gateway terminate when a LifeSize system as the MCU hangs up one of the calls. (NET-1006)	Due to a limitation in the Codian ISDN gateway in responding to changes in extended video capabilities, when a LifeSize system with LifeSize Networker is serving as the MCU during a call and hangs up a call received from a Codian ISDN gateway, any other calls connected to the MCU from the Codian gateway also terminate.
Presentations are not available in a two-way call with an IP caller when sent through a LifeSize or Radvision gateway and a gatekeeper. (NET-1054)	The Start Presentation indicator does not appear in the navigation bar of the user interface in a LifeSize system with LifeSize Networker in a two-way call with an IP endpoint connected through a LifeSize Gateway or Radvision Scopia 100 Gateway and a gatekeeper.
Presentations sent in a two-way call from an IP caller through a LifeSize or Radvision gateway and a gatekeeper are not supported. (NET-1030)	A LifeSize system with LifeSize Networker does not receive a presentation in a two-way call sent from an IP caller through a LifeSize Gateway or Radvision Scopia 100 Gateway and a gatekeeper.
Subsequent calls to the first number of the ISDN number range with LifeSize Networker as a PRI device and with AT&T 5 ESS switch returns a busy status. (NET-1002)	If a LifeSize system with LifeSize Networker is the MCU and configured as a PRI device with an AT&T 5 ESS switch, only one incoming call to the first number of the ISDN number range in the MCU connects successfully. Subsequent incoming calls to the same number in the MCU return a busy status to the caller. Subsequent incoming calls to different numbers in the MCU connect as 1B only.
Subsequent calls to the first number of the ISDN number range with LifeSize Networker as a BRI device and with Nortel DMS 100 switch returns a busy status. (NET-984)	If a LifeSize system with LifeSize Networker is the MCU and configured as a BRI device with a Nortel DMS 100 or National ISDN switch, only one incoming call to the first number of the ISDN number range in the MCU connects successfully. Subsequent incoming calls to the same number in the MCU return a busy status to the caller. Subsequent incoming calls to different numbers in the MCU connect successfully.
A LifeSize system with LifeSize Networker does not receive a presentation restarted from a Polycom system during an ISDN call. (NET-1063)	During a 3-way ISDN call with a Polycom system and LifeSize systems with LifeSize Networker, if the Polycom system stops and then restarts a presentation, the LifeSize systems do not receive the restarted presentation. To work around this issue, disconnect the call from the Polycom system, reconnect the call, and start the presentation from the Polycom system.
Presentations may fail in mixed bandwidth calls and non-default settings for the Video Bandwidth Balance preference . (NET-996)	Presentations may fail during multi-way calls with LifeSize Networker when presentation bit rates from the presenting systems are not the same. This can occur when participants connect at different bandwidths and when the Video Bandwidth Balance preference in LifeSize systems is set to a value other than the default (90%/10%). To work around this issue, ensure that the Video Bandwidth Balance preference in LifeSize systems participating in the call is set to 90%/10% and that all calls connect at the same bandwidth.

Issue/Problem	Description/Workaround
Calls fail when using numbers beyond the signaling channel (16) of an ETSI switch, T1 interface. (NET-868)	Dialing a number beyond the signaling channel (16) of a receiving ETSI switch, T1 interface with LifeSize Networker configured as a PRI device is not supported in this release.
Incoming calls received after a LifeSize system as the MCU places the first call with LifeSize Networker as a PRI device and an NTT switch downspeed to 1B. (NET-1072)	When a LifeSize video conferencing system with LifeSize Networker configured as a PRI device and using an NTT switch is the MCU in a call, incoming calls received after the MCU places the first outgoing call downspeed to 1B. To work around this issue, place all calls as outgoing calls from the MCU or incoming to the MCU.
MGC interoperability issues with Video Switching and audio codecs. (NET-883)	<p>The following conditions may occur:</p> <ul style="list-style-type: none"> -- If requested B-channels do not connect with the LifeSize system in Video Switching mode, or when the Networker/MGC lines are busy, the LifeSize device connects as an Audio only participant. (Similar behavior occurs when third parties call the MGC.) -- If the LifeSize device has a lower than specified bandwidth in the conference with Video Switching, the LifeSize device connects as an Audio Only participant. (Similar behavior occurs when third parties call the MGC.) -- If you select Siren14/G.722.1(24K or 32K) or Siren 7/G.728 (16K) as the audio codec in Video Switching mode, LifeSize devices connect as audio only participants. (LifeSize devices do not support Siren 14 or G.728 in ISDN calls). -- In Video Switching mode, if the call bandwidth is less than 384K and you select "Auto" for the audio codec, LifeSize devices connect as audio only participants. (The MGC forces G.728/Siren 7 for bandwidths less than 384K in Video Switching. This is specific to v8.0. In v7.5 this is an issue only for 128K calls). -- Video Switching mode in Polycom MGC is not supported in multi-way calls with LifeSize Networker at bandwidths less than or equal to 320 kb/s. -- If you enable far end camera control in a conference with a LifeSize device, the LifeSize device connects as an audio only participant. (Far end camera control is not supported in ISDN calls with LifeSize through MGC-50/100). <p>To work around these issues, perform one of the following:</p> <ul style="list-style-type: none"> -- Disable far end camera control and H.239 on the MGC for any conference in which LifeSize is a participant. -- When you initiate a conference with Video Switching, ensure the audio codec is set to Auto when bandwidth is greater than 320K. (128K for MGC v7.5). Select G.722 or G.722/G.711 or Siren 14/G.722 as the audio codec when bandwidth is less than or equal to 320K (128K for MGC v7.5). -- If a LifeSize device is part of a conference with less bandwidth than required, schedule the conference using Transcoding mode. -- If each participant has a different bandwidth limit, select Transcoding mode to avoid video problems.

Issue/Problem	Description/Workaround
Audio and video issues in LifeSize video conferencing systems with H.331 enabled on Tandberg systems. (NET-226)	You may experience problems with video and audio in LifeSize video conferencing systems with LifeSize Networker in calls with Tandberg systems when H.331 is enabled on the Tandberg systems. Disable H.331 on the Tandberg systems and retry the call.
Disable Basic Mode in Polycom VSX v8.0 or later when placing or receiving calls with LifeSize Networker. (NET-585)	Calls with Polycom VSX v8.0 or later and LifeSize video communications systems with LifeSize Networker do not connect if Basic Mode is enabled on the Polycom device. To work around this issue, disable Basic Mode on the Polycom device.

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
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