



Reference Guide for Interoperability for Avaya Scopia® Elite 6000 Series MCU



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For Solution 8.3
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*Reference Guide for Interoperability for Avaya Scopia®
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Table of Contents

Chapter 1 | Interoperability Test Descriptions..... 7

H.323 – Sharpness	7
H.323 – Motion	7
SIP – Sharpness	7
SIP – Motion	7
Encryption	8
H.320	8
Presentation	8

Chapter 2 | Interoperability Test Results..... 9

Scopia VC240	10
H.323 Sharpness	10
H.323 Motion	11
Presentation	11
Avaya Scopia XT4200	12
H.323 Sharpness	12
H.323 Motion	13
SIP Sharpness	14
SIP Motion	15
Presentation	15
Avaya Scopia XT1000	16
H.323 Sharpness	16
H.323 Motion	17
SIP Sharpness	18
SIP Motion	19
Presentation	19
Avaya Scopia XT5000	20
H.323 Sharpness	20
H.323 Motion	21
SIP Sharpness	22
SIP Motion	23
Presentation	23
Avaya Scopia XT Executive 240	24
H.323 Sharpness	24
H.323 Motion	25

SIP Sharpness	26
SIP Motion.....	27
Presentation	27
Cisco-TANDBERG C20	28
H.323 Sharpness	28
H.323 Motion.....	29
SIP Sharpness	30
SIP Motion.....	31
Presentation	31
Cisco-TANDBERG EX90.....	32
H.323 Sharpness	32
SIP Sharpness	33
Presentation	33
Cisco-TANDBERG SX20.....	34
H.323 Sharpness	34
SIP Sharpness	35
Presentation	35
TANDBERG MXP-1700	36
H.323 Sharpness	36
SIP Sharpness	37
Presentation	37
TANDBERG MXP-95	38
H.323 Sharpness	38
SIP Sharpness	39
Presentation	39
TANDBERG MXP-990	40
H.323 Sharpness	40
SIP Sharpness	41
Presentation	41
H.320.....	42
Polycom Group 300	43
H.323 Sharpness	43
SIP Sharpness	44
Presentation	44
Polycom Group 500	45
H.323 Sharpness	45
SIP Sharpness	46
Presentation	46

Polycom Group 700	47
H.323 Sharpness	47
SIP Sharpness	48
Presentation	48
Polycom HDX 9000	49
H.323 Sharpness	49
H.323 Motion	50
SIP Sharpness	51
SIP Motion	52
Presentation	52
H.320	53
Polycom HDX 8006	54
H.323 Sharpness	54
SIP Sharpness	55
Presentation	55
Polycom VSX 7000	56
H.323 Sharpness	56
Presentation	56
H.320	57
LifeSize Room 200	58
H.323 Sharpness	58
SIP Sharpness	59
Presentation	59
LifeSize Team 220	60
H.323 Sharpness	60
SIP Sharpness	61
Presentation	61
Sony PCS-XG80	62
H.323 Sharpness	62
SIP Sharpness	63
Presentation	63
H.320	64
Sony PCS-1	65
H.323 Sharpness	65
Presentation	65
Sony TL-50	66
H.323 Sharpness	66
Presentation	66

Avaya OneX (Windows).....	67
SIP Sharpness	67
Presentation	67
Avaya Flare (Windows).....	68
SIP Sharpness	68
SIP Motion.....	68
Presentation	68
Avaya Flare (iPad)	69
SIP Sharpness	69
SIP Motion.....	69
Presentation	69
Avaya Audio Phone 96xx.....	70
SIP	70

Chapter 1 | Interoperability Test Descriptions

This chapter lists the interoperability tests performed, detailing the conditions of each of the tests.

H.323 – Sharpness

This test verifies the selected H.323 endpoint can connect to the MCU default service where the MCU is configured to its default settings. The connection was checked by:

1. Verifying you can reach the auto-attendant.
2. Testing you can transfer from the auto-attendant to a new or existing conference using DTMF.
3. Verifying you can invite the endpoint to join an existing conference using the Scopia Management conference control.

Sharpness tests were performed on supported endpoints.

H.323 – Motion

This test verifies the selected H.323 endpoint can connect to the MCU default service where the MCU is configured to its default settings. The connection was checked by:

1. Verifying you can reach the auto-attendant.
2. Testing you can transfer from the auto-attendant to a new or existing conference using DTMF.
3. Verifying you can invite the endpoint to join an existing conference using the Scopia Management conference control.

Motion tests were performed on supported endpoints.

SIP – Sharpness

This test verifies the selected SIP endpoint can connect to the MCU default service where the MCU is configured to its default settings. The connection was checked by:

1. Verifying you can reach the auto-attendant.
2. Testing you can transfer from the auto-attendant to a new or existing conference using DTMF.
3. Verifying you can invite the endpoint to join an existing conference using the Scopia Management conference control.

Sharpness tests were performed on supported endpoints.

SIP – Motion

This test verifies the selected SIP endpoint can connect to the MCU default service where the

MCU is configured to its default settings. The connection was checked by:

1. Verifying you can reach the auto-attendant.
2. Testing you can transfer from the auto-attendant to a new or existing conference using DTMF.
3. Verifying you can invite the endpoint to join an existing conference using the Scopia Management conference control.

Motion tests were performed on supported endpoints.

Encryption

This test determines whether the dialed endpoint received encrypted transmissions from the Scopia Elite MCU.

H.320

This test verifies the selected H.320 endpoint can connect to the MCU default service through the Scopia ISDN Gateway. The MCU was configured with its default settings with the presentation configured to H.263, and the tested bitrate was up to 2Mbps.

The connection was checked by:

1. Verifying you can reach the auto-attendant.
2. Testing you can transfer from the auto-attendant to a new or existing conference using DTMF.
3. Verifying you can invite the endpoint to join an existing conference using the Scopia Management conference control.

Presentation

This test verifies that the endpoint is capable of sending content on the second video channel to the other endpoints listed below through the Scopia Elite MCU. The MCU was configured with its default settings. Both H.239 and BFCP tests were performed when possible.

The test was performed using the standard Auto video codec for the second video channel. When H.264 is not supported, the test was performed using H.263.

Chapter 2 | Interoperability Test Results

This chapter details the interoperability test results for Scopia Elite 6000 Series MCU version 8.3 with numerous 3rd party and Avaya endpoints. For the complete list of endpoints, see the Table of Contents.



Scopia VC240

The endpoint version tested was 2.7.1.6.

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	N/A	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	N/A	
	DTMF	✓	

H.323 Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	N/A	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	N/A	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	

Avaya Scopia XT4200

The endpoint version tested was 8.3.0.30A

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

H.323 Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	50	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	50	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

SIP Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Avaya Scopia XT1000

The endpoint version tested was 2.5.416B

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

H.323 Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

SIP Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	50	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Avaya Scopia XT5000

The endpoint version tested was 8.3.0.30A

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	

H.323 Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	

SIP Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	60	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Avaya Scopia XT Executive 240

The endpoint version tested was 8.3.0.30A

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	78	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

H.323 Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Cisco-TANDBERG C20

The endpoint version tested was TC5.1.6.298375

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	26	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

H.323 Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	26	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	26	
	FECC	✓	
	DTMF	✓	

SIP Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Cisco-TANDBERG EX90

The endpoint version tested was TC5.1.4.295090

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722.1	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Cisco-TANDBERG SX20

The endpoint version tested was TC5.1.4.295090

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G.722.1	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

TANDBERG MXP-1700

The endpoint version tested was F9.0.2 PAL

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	X	Endpoint gets black screen after transfer from the auto-attendant to the conference
	Receive-Video Resolution		
	Receive-Frame Rate		
	Transmit-Audio		
	Transmit-Video Resolution		
	Transmit-Frame Rate		
	DTMF		
Dial in	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 W352p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	10	
	FECC	N/A	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	29	
	FECC	N/A	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	Only receives presentation
BFCP	✓	Only receives presentation

TANDBERG MXP-95

The endpoint version tested was F9.0.2 NTSC

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	10	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 W480p	
	Receive-Frame Rate	25	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 W488p	
	Transmit-Frame Rate	29	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	Only receives presentation
BFCP	✓	Only receives presentation

TANDBERG MXP-990

The endpoint version tested was F9.0.2 NTSC

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 448p	
	Transmit-Frame Rate	24	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 4SIF	
	Transmit-Frame Rate	24	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 4SIF	
	Transmit-Frame Rate	24	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 448p	
	Transmit-Frame Rate	23	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	25	
	Transmit-Audio	G.722	
	Transmit-Video Resolution	H.264 448p	
	Transmit-Frame Rate	12	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 448p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	Only receives presentation
BFCP	✓	Only receives presentation

H.320

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G711A	
	Receive-Video Resolution	H.264 W352p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.711U	
	Transmit-Video Resolution	H.264 4SIF	
	Transmit-Frame Rate	12	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G711A	
	Receive-Video Resolution	H.264 W352p	
	Receive-Frame Rate	30	
	Transmit-Audio	G.711U	
	Transmit-Video Resolution	H.264 4SIF	
	Transmit-Frame Rate	12	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 240p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 4SIF	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Polycom Group 300

The endpoint version tested was 4.1.1-60400

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	49	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	49	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	49	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	39	
	DTMF	✓	
Dial in	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	50	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	60	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Polycom Group 500

The endpoint version tested was 4.1.1-60400

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	X	Polycom Group series connecting to the MCU through the Auto-Attendant transmits poor video quality
	Receive-Video Resolution		
	Receive-Frame Rate		
	Transmit-Audio		
	Transmit-Video Resolution		
	Transmit-Frame Rate		
	DTMF		
Dial in	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Polycom Group 700

The endpoint version tested was 4.1.1-60400

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	50	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	50	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	17	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	60	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	50	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	X	Polycom Group series connecting to the MCU via the Auto-Attendant do not display shared content

Polycom HDX 9000

The endpoint version tested was 3.1.0-23277

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

H.323 Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

SIP Motion

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

H.320

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722	
	Receive-Video Resolution	H.264 352P	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 4SIF	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 352P	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 4SIF	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 352P	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 4SIF	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

Polycom HDX 8006

The endpoint version tested was 3.0.5-22628

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 1080p	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Polycom VSX 7000

The endpoint version tested was 9.0.6.2-103

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.263 4CIF	
	Receive-Frame Rate	15.5	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.263 4CIF	
	Transmit-Frame Rate	12.5	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 4CIF	
	Receive-Frame Rate	15	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.263 4CIF	
	Transmit-Frame Rate	12	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	12	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.263 4CIF	
	Transmit-Frame Rate	15	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	

H.320

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722	
	Receive-Video Resolution	H.264 W240	
	Receive-Frame Rate	25	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.263 4CIF	
	Transmit-Frame Rate	12	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 W240	
	Receive-Frame Rate	25	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.263 4CIF	
	Transmit-Frame Rate	12	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 W240	
	Receive-Frame Rate	25	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 CIF	
	Transmit-Frame Rate	25	
	FECC	✓	
	DTMF	✓	

LifeSize Room 200

The endpoint version tested was 4.12.0

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	Siren 14	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	AAC-LC	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	AAC-LC	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	AAC-LC	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	AAC-LC	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	AAC-LC	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 SXGA	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 1080p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 SXGA	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

LifeSize Team 220

The endpoint version tested was 4.10.1(7)

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	60	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1C	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

Sony PCS-XG80

The endpoint version tested was 2.4

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722	
	Receive-Video Resolution	H.264 480p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 W432p	
	Transmit-Frame Rate	60	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 480p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 W432p	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722	
	Receive-Video Resolution	H.264 480p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 W432p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	X	PCS-XG80 doesn't apply to port change done by the MCU on call transfer – 3rd party issue
	Receive-Video Resolution		
	Receive-Frame Rate		
	Transmit-Audio		
	Transmit-Video Resolution		
	Transmit-Frame Rate		
	DTMF		
Dial in	Receive-Audio	G722	
	Receive-Video Resolution	H.264 480p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 768X432	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 480p	
	Receive-Frame Rate	25	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 768X432	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	✓	
BFCP	✓	

H.320

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	X	Video freezes when connecting through the Auto-Attendant
	Receive-Video Resolution		
	Receive-Frame Rate		
	Transmit-Audio		
	Transmit-Video Resolution		
	Transmit-Frame Rate		
	DTMF		
Dial in	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	10	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G711A	
	Receive-Video Resolution	H.264 W240p	
	Receive-Frame Rate	30	
	Transmit-Audio	G711U	
	Transmit-Video Resolution	H.264 CIF	
	Transmit-Frame Rate	14	
	FECC	✓	
	DTMF	✓	

Sony PCS-1

The endpoint version tested was 3.42

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 CIF	
	Receive-Frame Rate	30	
	Transmit-Audio	G7221	
	Transmit-Video Resolution	H.264 CIF	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 CIF	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1	
	Transmit-Video Resolution	H.264 CIF	
	Transmit-Frame Rate	30	
	FECC	✓	
Invite the endpoint to an existing conference	DTMF	✓	
	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 CIF	
	Receive-Frame Rate	19	
	Transmit-Audio	G722.1	
	Transmit-Video Resolution	H.264 CIF	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	X	PCS-1 supports presentation at H.263 XGA 1fps only, it won't receive presentation

Sony TL-50

The endpoint version tested was 2.42

H.323 Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 CIF	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1	
	Transmit-Video Resolution	H.264 CIF	
	Transmit-Frame Rate	22	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 CIF	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1	
	Transmit-Video Resolution	H.264 CIF	
	Transmit-Frame Rate	28	
	FECC	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722.1	
	Receive-Video Resolution	H.264 CIF	
	Receive-Frame Rate	30	
	Transmit-Audio	G722.1	
	Transmit-Video Resolution	H.264 CIF	
	Transmit-Frame Rate	28	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
H.239	X	PCS-1 supports presentation at H.263 XGA 1fps only, it won't receive presentation

Avaya OneX (Windows)

The endpoint version tested was 6.1.19.04

SIP Sharpness

	Communication Type	Result	Comments
Auto-Attendant	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	24	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	DTMF	✓	
Transfer from the Auto-Attendant to a new or existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	24	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	
Invite the endpoint to an existing conference	Receive-Audio	G722	
	Receive-Video Resolution	H.264 480p	
	Receive-Frame Rate	29	
	Transmit-Audio	G722.1C	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
BFCP	✓	

Avaya Flare (Windows)

The endpoint version tested was 1.1.04

SIP Sharpness

	Communication Type	Result	Comments
Dial in Call	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	15	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Motion

	Communication Type	Result	Comments
Dial in Call	Receive-Audio	G722	
	Receive-Video Resolution	H.264 720p	
	Receive-Frame Rate	15	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 720p	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
BFCP	✓	

Avaya Flare (iPad)

The endpoint version tested was 1.1.04

SIP Sharpness

	Communication Type	Result	Comments
Dial in Call	Receive-Audio	G722	
	Receive-Video Resolution	H.264 W420P	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 4CIF	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

SIP Motion

	Communication Type	Result	Comments
Dial in Call	Receive-Audio	G722	
	Receive-Video Resolution	H.264 W420P	
	Receive-Frame Rate	30	
	Transmit-Audio	G722	
	Transmit-Video Resolution	H.264 4CIF	
	Transmit-Frame Rate	30	
	FECC	✓	
	DTMF	✓	

Presentation

Communication Type	Result	Comments
BFCP	✓	

Avaya Audio Phone 96xx

The endpoint version tested was 6.3.0.73

SIP

	Communication Type	Result	Comments
Dial in Call	Receive-Audio	G722	
	Transmit-Audio	G722	
	DTMF	✓	
	Receive-Audio	G722	
	Transmit-Audio	G722	
	DTMF	✓	

