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The following documents are included:

Part 1
Key factors in selecting a videoconferencing solution

Part 2
2019 videoconferencing solution comparison test

Part 3
Hardware comparison for each manufacturer (individual comparison)

HARDWARE COMPARISON

MANUFACTURER AVAYA

It has already been three years since our last test report. In the field of Unified Conferencing, three years is a lifetime. The market is constantly moving on. Technology is developing at an ever-increasing speed, the efficiency of solutions is constantly improving, and the influence of the consumer world adds to the ergonomics of business solutions.

This is the first of a series of documents to help you choose the right video-conference system and/or the most suitable platform.

	CU-360 Collaboration Unit	Scopia XT4300	Scopia XT5000	Scopia XT7100	Scopia XT EXECUTIVE 240
Category	All-in-one system	Integrator Room System	Integrator Room System	Integrator Room System	Desktop System
Key Features	All-in-one solution for small conference rooms with integrated camera and microphone	Cost-effective full HD video collaboration – solution for small and medium-sized conference rooms	Full HD video solution for medium and large Conference rooms	Full HD video solution for medium and large conference rooms with H.265 High Efficiency Video Coding (HEVC), two camera inputs and 4K display connectivity	All-in-one solution for workstations with integrated 24-inch display, camera, microphone and loudspeaker
Screens	1 (external)	2 (external)	2 (external)	2 (external)	1 (internal)
Camera	1	1	1	2 (tracking optional)	1
Video Quality	Full HD	Full HD	Full HD	Full HD	Full HD
Resolution	1080sp 30fps	1080p 60fps	1080p 60fps	1080p 60fps, 4K display and content support	1080p 60fps
Video standards	H.263, H.263+, H.263+, H.264, H.264 high profile, SVC H.323 / H.239, SIP / BFCP Avaya Multi-Stream Switching (MSS) video4	H.263, H.263+, H.263++, H.264, H.264 high profile, SVC H.323 /H.239, SIP / BFCP Avaya Multi-Stream Switching (MSS) video4	H.263, H.263+, H.263++, H.264, H.264 high profile, SVC H.323 / H.239, SIP / BFCP Avaya Multi-Stream Switching (MSS) video4	H.263, H.263+, H.263++, H.264, H.264 High Profile, H.265 HEVC, SVC H.323 / H.239, SIP / BFCP Avaya Multi-Stream Switching (MSS) video4	H.263, H.263+, H.263++, H.264, H.264 high profile, SVC H.323 / H.239, SIP / BFCP Avaya Multi-Stream Switching (MSS) video4
Bandwidth (max)	up to 4 Mbps	up to 4/12 Mbps	up to 6/12 Mbps	up to 6/12 Mbps	up to 6/12 Mbps
Audio Standards	G.711, G.719, G.722, G.722.1, G.722.1 attachment C G.728 (optional) Opus	G.711, G.728, G.729A, G.722,G.722.1 G.722.1, Annex C, AAC-LD, AAC-LC, G.719	G.711, G.728, G.729A, G.722,G.722.1 G.722.1, Annex C, AAC-LD, AAC-LC, G.719	G.711, G.728, G.729A, G.722,G.722.1 G.722.1, Annex C, AAC-LD, AAC-LC, G.719	G.711, G.728, G.729A, G.722,G.722.1 G.722.1, Annex C, AAC-LD, AAC-LC, G.719
Audio Features	Acoustic echo cancellation, Audio error concealment, Automatic Gain Control (AGC), Automatic noise suppression	Acoustic echo cancellation, Adaptive post filtering, Audio error concealment, Automatic Gain Control (AGC), Automatic noise suppression	Stereo audio with Premium 3-way POD, Acoustic echo cancellation, Adaptive post filtering, Audio error concealment, Automatic Gain Control (AGC), Automatic noise suppression	Stereo audio with premium 3-way POD, acoustic echo cancellation, adaptive post filtering, Audio error concealment, Automatic Gain Control (AGC), Automatic noise suppression	Stereo audio with optional Premium XT 3-way Microphone Array Pod , Acoustic echo cancellation , Adaptive post filtering, Audio error concealment, Automatic Gain Control (AGC), Automatic noise suppression
Video inputs	Live video via integrated camera up to 1920 x 1080p, 30 fps Wireless presentation with Screen Link up to 1920 x 1080p, 15 fps	1 x HDMI 1 x DVI-I	1 x HDMI 1 x DVI-I 3 x additional HDMI via switcher1	2 x HDMI 1 x DVI-I 3 x additional HDMI via switcher2	1 x HDMI 1 x DVI-I
Video outputs	1 x HDMI	2 x HDMI for dual display	2 x HDMI for dual display	2 x HDMI for dual display	1 x HDMI, clone of first display
Audio inputs	Bluetooth	1 x HDMI 1 x Mikrofonarray-Pod (RJ11) 1 x 3.5 mm input (analogue/digital with mini-TOSLINK adapter)	1 x HDMI 1 x Microphone Array Pod (RJ11) 1 x 3.5mm (1/8") line in jack for audio source (analog / digital with mini-TOSLINK adapter), 3 x Additional HDMI via switcher	2 x HDMI 1 x Microphone Array Pod (RJ11) 1 x 3.5mm (1/8") line in jack for audio source (analog / digital with mini-TOSLINK adapter) 3 x additional HDMI via switcher2	1 x HDMI 1 x Microphone Array Pod (RJ-11) 1 x 3.5 mm (1/8") line in jack for audio source (analog / digital with mini-TOSLINK adapter)
Audio outputs	1x HDMI Bluetooth	2 x HDMI, 1 x 3.5 mm output (analogue/digital with mini-TOSLINK adapter)	2 x HDMI, 1 x 3.5mm (1/8") line out jack (analog / digital with mini-TOSLINK adapter)	2 x HDMI, 1 x 3.5 mm (1/8") line out jack (analog / digital with mini-TOSLINK adapter)	1 x 3.5 mm (1/8") line out jack (analog / digital with mini-TOSLINK adapter)

DEKOM – Your experts for videoconferencing and media technology
Our advice is independent of any manufacturer, we are fully certified and we have a presence throughout Europe.
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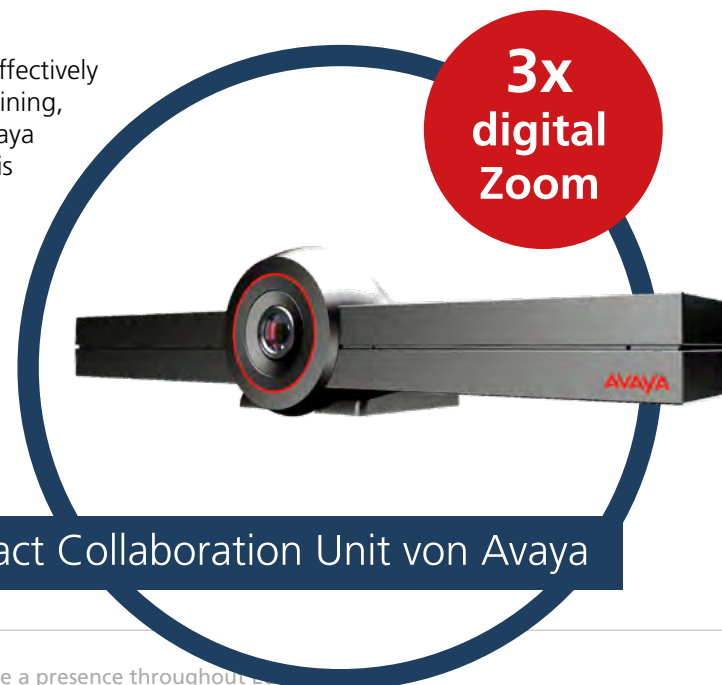# INNOVATIVE COMMUNICATION FOR YOUR COMPANY

Avaya CU-360 Collaboration Unit

Avaya CU-360 Collaboration Unit is a compact all-in-one video collaboration room system. It provides organisations with smarter collaboration through parallel support for common applications and makes employees' lives and productivity easier.
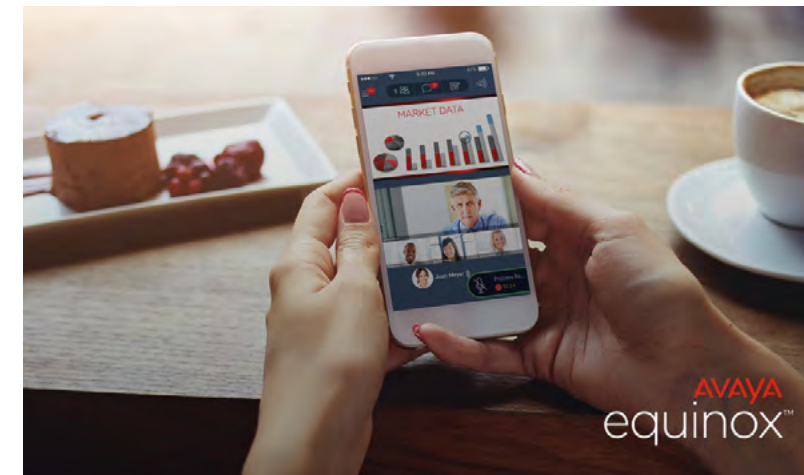
With the **Avaya CU-360 Collaboration Unit,** you can cost-effectively integrate videoconferencing into smaller meeting rooms and make training, brainstorming and team and customer meetings more convenient. Avaya CU-360 Collaboration Unit is suitable for companies of any size, as this solution was developed for the largest companies, but is also suitable for smaller companies thanks to its low price.

Avaya's Collaboration Unit offers excellent technology. It features Full HD 1080p video, a 4K camera sensor and 4K display support. Interoperability with H.323 and SIP makes it possible to connect to any standards-based video system. Wireless presentations are also displayed in high resolution via application sharing with Avaya Screen Link.

3x digital Zoom

The compact Collaboration Unit von Avaya

There is also the ability to integrate with Cloud services, such as Avaya Equinox Meetings Online, as well as an auto-provisioning feature, ensuring fast set-up without the need for technical resources. You need only two cables to install this all-in-one system on your conference room's display. WiFi, an integrated microphone array and Bluetooth peripheral connectivity eliminate the need for cables on the conference room table.

The **Avaya Equinox Experience** is a unified communication solution that integrates with applications, browsers and devices.

Simplify your communication and increase your productivity with only a single, easy-to-operate, intuitive interface, which is tuned to all stationary and mobile devices. Get one-touch access to calls, messages and the collaboration feature via audio, video and web conferencing.

Send and receive group messages as needed in real time or with a time delay. Always use multimedia messaging for text, audio, video, pictures, and files. Start a conversation on your desktop and continue it seamlessly on your cellphone. Simplify communication and optimise productivity with a single, simple, contextual interface.

- Across apps, browsers and devices
- Enterprise Messaging
- Home screen interface for personal organisation
- High-quality audio and videoconferencing
- Web collaboration & event streaming for up to 100,000 participants incl. screensharing/showing and whiteboard function
- Barrier-free collaboration via WebRTC and HTML5
- On-premise or in the Cloud

The following customers use the Videoconferencing solution from AVAYA:

"In the past, our project managers had to travel halfway around the world regularly to check the current state of development of a new computer game. Today they simply go to the conference room next door."

Jörg Spormann, Senior ICT-Manager, Koch Media Deutschland GmbH

"The banking business is changing. Digital communication media such as video will become increasingly important in the coming years. We need the ideas and innovations of technology vendor Avaya to do this."

Birgit Wößner, call centre manager, Sparda-Bank Baden-Württemberg eG

"Our engineers in Abu Dhabi can easily coordinate technical queries with their colleagues here in Mönchengladbach via videoconferencing."

Stefan Löb, Managing Director of Finance, Elektro Löb GmbH & Co. KG

"With the video communication platform Scopia from Avaya, we have not only decisively strengthened the exchange within our hospital network, but can also effectively involve other service providers. In this way, we are helping to ensure first-class patient care in the future as well."

Martin Bosch, Business Manager, St. Josefs-Hospital Wiesbaden GmbH

"Parents and staff love Avaya Scopia. Mothers can see their baby on the screen of their choice and use the videoconferencing system with the free client software. This reduces their worries and facilitates their recovery."

Yann Levy-Jamet, application consultant, Geneva University Hospital

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