Whether in the office, on the go, or participating in group meetings, today’s business communicators need full access to their favorite cloud applications. The Avaya IX Collaboration Unit is designed for the cloud, and uses unique Avaya next generation technology to deliver all that the cloud has to offer to any business space. It is an ideal stand-alone solution to enable individual workgroups or small to midsize businesses, and it can also be used as an integrated video endpoint to expand your existing collaboration infrastructure.

It provides the ultimate in simplicity of setup and use, integrates with your existing UC platform, integrates with any existing standards-based video infrastructure, and allows you to access and use cloud-based applications. It is all you need to turn any space—including huddle spaces or huddle rooms—into a cloud-enabled collaboration room.

The Avaya IX Collaboration Unit can be set up in minutes, and its all-in-one design purpose-built for video collaboration delivers crystal clear audio and video every time—and does not depend on the quality or performance of a separate laptop or PC. This simplicity and performance will encourage employees to use video for their meetings instead of just audio, adding a personal connection to training, brainstorming, and other team meetings and customer interactions.

Delivers Affordable Enterprise Collaboration to Any Size Business

The Avaya IX Collaboration Unit represents a breakthrough in delivering capabilities typically included in more costly Enterprise room conferencing systems at a price that works great for huddle space transformation. The device contains state-of-the-art capabilities, including full HD 1080p video, a 4K camera sensor, and 4K display support.
It delivers dual HD live video and content, a very wide field of view and an integrated microphone array for crystal clear audio. It delivers the capabilities essential to businesses including meeting recording, directory service and address book, and security. It supports both Session Initiation Protocol (SIP) and H.323 for integration with your existing UC platform—and allows for redundant configuration. It also interoperates with existing standards-based video infrastructures.

Smart Collaboration

Share content and applications wirelessly, using your smart mobile device. H.239 and BFCP offers content interoperability with nearly any video room system. Avaya Equinox® delivers the ultimate collaboration experience with lightning fast screen response and lower bandwidth requirements.

Next Generation Cloud Capabilities

The Avaya IX Collaboration Unit can access and run cloud-based Android® applications and gives you your choice of cloud-based collaboration tools. It is also fully integrated with Avaya Equinox® Meetings Online to deliver a seamless and productive collaboration experience.

Easy to Use & Setup

With only two or three cables need to be connected—depending on whether you are using Ethernet or Wi-Fi—installation is a snap. This all-in-one device rests on top of any display, and the integrated video codec, microphones and Bluetooth connectivity means there are no cables on the table. Its remote control includes a full keyboard to further simplify setup and use.
It is instinctively easy to use, and delivers the future of business collaboration.

**Avaya IX Collaboration Unit Specifications**

**Communications**
- IP: H.323, SIP (RFC 3261)
- Bit rate: H.323, SIP: up to 4Mbps
- MCU compatibility: H.243, H.231
- XMPP Presence support

**Video Features**
- 2 simultaneous channels: camera + content

**Video Protocols**
- H.264, H.264 High Profile
- Dual: H.239 (H.323); BFCP (SIP)
- SVC (Scalable Video Coding)
- H.263+ is supported with resolutions up to 4CIF@15fps. Only RFC2429 is supported. Custom formats and annexes are not supported.

**Live Video Encoding Format**
- 1920 x 1080p @ 25, 30fps
- 1280 x 720p @ 25, 30fps
- 1024 x 768p @ 25, 30fps: 4CIF
- 704 x 576p @ 25, 30fps: 4SIF
- 624 x 352p @ 25, 30fps: w352p
- 576 x 336p @ 25, 30fps
- 512 x 288p @ 25, 30fps: wCIF
- 416 x 240p @ 25, 30fps: w240p
- 400 x 224p @ 25, 30fps
- 352 x 288p @ 25, 30fps: CIF
- 352 x 240p @ 25, 30fps: SIF

**Camera**
- Sensor: 4kp30
- Video resolution: 1080p30
- Horizontal Field of View: 102°
- Vertical Field of View: 68°
- Digital zoom: 3x
- Preset up to 122 presets (web managed) - up to 10 presets (GUI managed)

**Video Input**
- Live video from built in camera up to 1920 x 1080p30fps
- Wireless presentation with Screen Link up to 1920 x 1080p15fps

**Video Output**
- 1x HDMI @ 3840 x 2160 @ 25, 30fps: 1920 x 1080 @ 25, 30fps; 1280 x 720 @ 25, 30fps

**Audio Features**
- Acoustic echo cancellation
- Audio error concealment
- Automatic Gain Control (AGC)
- Automatic noise suppression

**Audio Protocols**
- G.711
- G.719
- G.728 and G.729 A/B
- G.722, G.722.1, G.722.1 Annex C
- Opus

**Microphone**
- Microphone array

**Audio Inputs**
- Bluetooth

**Audio Outputs**
- 1 x HDMI
- Bluetooth

**Content Sharing / Web Collaboration Features**
- Wireless presentation up to 1080p15fps
- Present content using Android Apps and USB key
- Share content through HDMI using the optional AV grabber connected to the USB port (device included in the Optional Cable Kit, not part of the default CU360 box)
- Supported laptop resolutions are as follows:
  - 1920x1080p30, 50, 60
  - 1680x1050p60
  - 1280x1024p60
  - 1280x720p50, 60
  - 1024x768p60
  - 800x600p60
- (CU360 firmware v10.1 SP1 or higher is required for this)

**Content Sharing / Web Collaboration Protocols**
- Dual video: H.239 (H.323); BFCP (SIP)
- Avaya Equinox native web collaboration

**USB Ports**
- 1 x USB-C
- 1 x USB3
Network Features
IPv4 and IPv6 simultaneous support
Auto Gatekeeper discovery
QoS support: IP Precedence, IP Type of Service (ToS), Differentiated Services (diffserv)
Avaya NetSense bandwidth adaptation for high quality over unmanaged networks

IP Adaptive Packet Management
Flow control
Packet Loss based down-speeding
Packet Loss recovery policies

Network Protocols
DHCP, DNS, HTTP, HTTPS, RTP/RTCP, SNTP, STUN, TCP/IP, TELNET, TFTP, 802.1q and 802.1p

Network Interfaces
10/100/1000 Base-T full-duplex (RJ-45)
Wi-Fi (802.11a/b/g/n, 802.11ac, Hotspot)

User Interface
25 language on-screen user interface
Infrared remote control
API for endpoint control
Avaya Control application for Apple iPad and iPhone
Microsoft Exchange calendar integration
Android™ apps can be downloaded on the device and used alongside the Avaya IX Collaboration Unit video-communication application (Android is a trademark of Google LLC).
Touch Screen Monitor control supported
“Speaker Tracking support for huddle rooms
Google Services Framework support by means of OpenGapps
Automatic Configuration using credentials on Equinox on prem
External Keyboard/Mouse supported through USB interface or Bluetooth

Directory Service & Address Book
LDAP Client (H.350)
Receive global address book from LDAP Server including Avaya Equinox

Security Features
Embedded encryption
H.323 security per H.235v3 / Annex D
SIP security per SRTP and TLS 1.2, enciphering up to AES-256
SIP “Digest” authentication (MD5)
RTP media enciphering with AES-256
Public-Key including Diffie-Hellman (2048 bits), RSA (up to 4096 bits)
Cryptographic hash (up to SHA-512)
Web access via HTTPS
Selective enable / disable of IP features
White list support
Avaya Enhanced Access Security Gateway (EASG) support

Web Management
Configuration, call, diagnostics and management functions are accessible with Internet Explorer 8.0+, Firefox 3.6+, Safari 5.0+, Chrome 11.0+, Opera 11+
Automatic Firmware Upgrade through Cloud

Meeting Recording
Recording on USB key / disk
Feature supported in call and out of a call
Supported disks with file system FAT32, EXT2, EXT3, EXT4.
Recorded file resolution 720p25 (rescaled to 720p when exceeding such resolution)
Control API commands available to transfer the recorded file to a remote FTP server
Recording not supported when sharing data from the device using Screen Link
Digital signature for recorded files

Power Supply
100-240VAC, 50-60Hz, 2.5A max.

Physical Characteristics
28.0cm (11.0’’) L x 5.5cm (2.2”)
W x 6.5cm (2.6”) H

Firewall Traversal
Auto NAT discovery HTTP and STUN
H.460.18, H.460.19
“Keep Alive” packet time configurable

About Avaya
Businesses are built on the experiences they provide and every day millions of those experiences are built by Avaya (NYSE:AVYA). For over one hundred years, we’ve enabled organizations around the globe to win—by creating intelligent communications experiences for customers and employees. Avaya builds open, converged and innovative solutions to enhance and simplify communications and collaboration—in the cloud, on premise, or a hybrid of both. To grow your business, we’re committed to innovation, partnership, and a relentless focus on what’s next. We’re the technology company you trust to help you deliver Experiences that Matter. Visit us at www.avaya.com.

1 Note: All specifications are preliminary and subject to change without notice.