



Engage The Power of We™

# Avaya Scopia® Desktop and Web Collaboration

## Business-class Video Collaboration for PCs and Macs



Whether you're meeting with co-workers in a remote office, partners across the country, or customers around the world, Avaya Scopia® Desktop brings the experience of a face-to-face meeting direct to your PC or Mac. Join a virtual meeting room and look your colleagues in the eye while you share and annotate documents, spreadsheets or other online content.

Fully interoperable, Scopia Desktop easily extends room system video conferencing to desktop users for voice, video and data collaboration. Scopia Desktop is a simple web browser plug-in that is centrally managed, distributed and deployed without complex licensing fees or installation issues. Automatic firewall traversal helps users participate more securely regardless of where they are, while being intuitive and convenient. All you need is an Internet connection and a PC or a Mac.

Scopia Desktop delivers HD 1080p quality with the latest video technology including H.264 Scalable Video Coding (SVC) for error resiliency along with H.264 High Profile for bandwidth efficiency and reduced network costs.

### Highlights

- HD Video Conferencing
- Smart Data Collaboration
- Powerful Control and Moderation
- Mobile Workforce Flexibility
- Innovative Ease of Use





participants through drag and drop control. Enable lecture mode where every participant sees only the presenter and must digitally raise their hand to be recognized, while the presenter can view many other participants simultaneously.

## Mobile Workforce Flexibility

Mobile workers and road warriors can fully participate in virtual meetings with Scopia Desktop. Optimizations for the mobile environment, including efficient network use with H.264 High Profile video along with tolerance for variable network conditions and congestion via Scalable Video Coding (SVC) help ensure quality and productivity on the go. Users can join, participate and manage any meeting from their PC or Mac almost anywhere. Remote users enjoy connectivity through enterprise boundaries while supporting corporate security measures with automatic, embedded firewall and NAT traversal.

## Innovative Ease of Use

Enjoy even greater productivity and a simplified user experience from your Avaya Scopia deployment with Avaya Screen Link and Avaya Mobile Link within Scopia Desktop. Avaya Screen Link coupled with Scopia XT room systems enables users to directly share content wirelessly from their laptops, eliminating the need to search for and connect cables between their laptop and room system. With Avaya Mobile Link, Scopia Desktop users can experience a seamless handoff between their Scopia soft client and a Scopia XT room system, enabling users to start a conference on their laptop and smoothly transition to a room system.

## HD Video Conferencing

Bring the video room system experience with you to whatever PC or Mac you use. Participate in standards-based HD video conferences and see up to 28 participants simultaneously in HD 1080p quality. Through Avaya Scopia video infrastructure, Scopia Desktop can connect to telepresence systems, standards-based HD video conferencing room and desktop systems along with Unified Communications (UC) applications for unmatched interoperability.

## Smart Data Collaboration

Share your screen or individual applications for enhanced security and privacy. Highlight elements of presentations, spreadsheets, documents and images with annotation tools. Standards-based content sharing helps ensure collaboration interoperability with any desktop, video room system or mobile device.

Participants can even review previously shared materials instantly without disrupting the active meeting, perfect for those joining late.

Extend Scopia Desktop's standard collaboration capabilities with the Scopia Web Collaboration option. This rich collaboration tool set enables interactive white boarding with annotations for multiple simultaneous participants, along with remote desktop control - where a user sharing their desktop can also share their keyboard and mouse with another meeting participant.

## Powerful Control and Moderation

Leaders have full moderation capabilities to control meetings. View the participants list and mute noisy users, stop cameras or simply disconnect unwanted participants. Start or stop recording, lock a conference or end the meeting. Change video layouts including rearranging

# Scopia Desktop Specifications

## Communications

- H.323 & SIP interoperability via Scopia MCU

## Meeting Types

- Personal virtual meeting rooms
- Unmoderated meetings – anyone can control the meeting
- Moderated meetings – with moderator PIN for control

## Video

- HD up to 1080p
- HD presentation up to 720p
- H.264 High Profile, H.264 Scalable Video Coding (SVC), H.264
- Continuous presence with up to 28 participants displayed simultaneously

## Video Layout Selection

- 24 different video layout options
- Simultaneous viewing of video and data / content
- Full screen video or content layouts
- Video or content focused, or both
- Personal, customized layout per participant (with Scopia Elite MCU)
- Drag & drop control (with Scopia Elite MCU)
- Automatic based on number of participants and meeting context

## Audio

- Wideband audio for exceptional clarity

## Data Collaboration (standard Scopia Desktop)

- H.239 (H.323) / BFCP (SIP) interoperable with video room systems
- Share full or partial screen
- Share specific applications
- Annotation with drawing and text highlighting by presenter
- Select which screen to share with dual PC display configurations
- Video room system-compatible (H.263+, H.264 HD)

## Data Collaboration Review

- Participants can “catch-up” and review content presented previously without interrupting the meeting
- Easily return to “live” session

## Advanced Data Collaboration (Scopia Web Collaboration option)

- Virtual whiteboard with annotation by multiple participants simultaneously
- Remote desktop control
- Higher quality content
- Reduced bandwidth consumption
- H.239/BFCP gateway for video room system interoperability

## Text Chat

- Group / private chat
- Emoticons
- Chat messages can be viewed by video room systems

## User Controls

- Participant list
- Mute/un-mute
- Start/stop video
- Turn on/off video self-view
- Callback my voice or video number
- View consolidated participants list (desktops and room systems)
- DTMF keypad

## Moderation Controls

- Acquire moderation rights (may require moderator PIN)
- Lock meeting
- Terminate meeting
- Invite device by phone number, IP, E.164, SIP address
- Start/stop recording (with Scopia Streaming & Recording)
- Mute, un-mute and disconnect any participant
- Request to speak/raise hand
- Far End Camera Control (with room systems)

## Lecture Mode (with Scopia Elite MCU)

- Every participant sees presenter
- Presenter can view all participants simultaneously
- Participant must request to speak/raise hand to be recognized

## Internet / Wireless Optimized

- H.264 High Profile provides bandwidth savings of 30-50% over other techniques
- H.264 SVC for high network error tolerance
- Avaya NetSense dynamic bandwidth adaptation for variable network conditions and congestion
- Advanced audio packet loss handling reconstructs missing audio data and fills holes and gaps in audio
- Advanced video processing where multiple videos are assembled into one stream reducing bandwidth and CPU requirements
- Dynamic network conditions indicator

## Meeting Continuity via Avaya Mobile Link

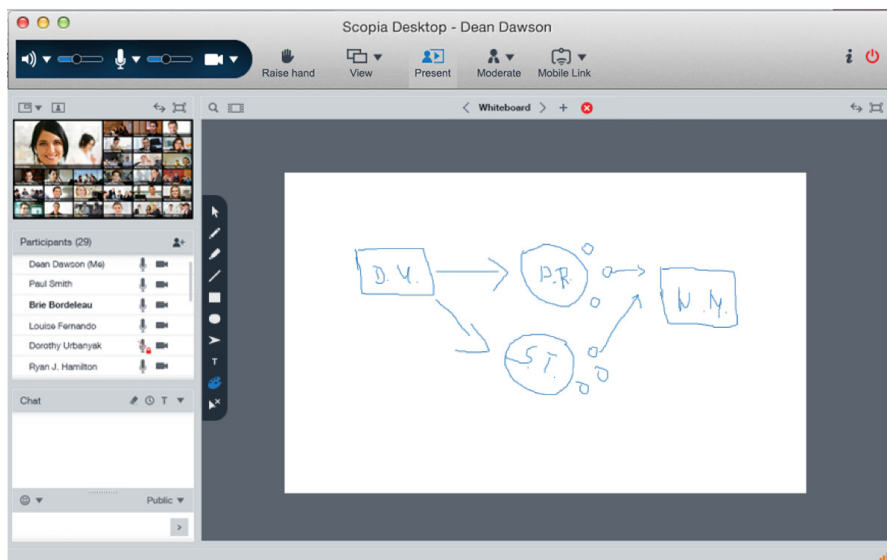
- Sonic pairing to Scopia XT series endpoints
- Transfer conference to Scopia XT series endpoints
- Scopia XT series endpoint companion mode supports moderation, text chat, content slider

## Wirelessly Share Content via Avaya Screen Link

- Sonic pairing to Scopia XT series endpoints
- Wirelessly share content with Scopia XT series endpoints

## Built-In NAT and Firewall Traversal

- Automatic embedded firewall traversal
- Automatically handles local and remote NAT private networks
- Automatic detection of optimal media path: UDP or TCP





## Support Services

Avaya offers a full set of services to help maximize a video investment. Strategic and technical consulting along with deployment and customization services help ensure that video collaboration rollouts are successful and aligned to business requirements.

Avaya Video Support Services maximizes up time with software updates, upgrades, remote maintenance and expert repairs.

## About Avaya

Avaya is a leading, global provider of customer and team engagement solutions and services available in a variety of flexible on-premise and cloud deployment options. Avaya's fabric-based networking solutions help simplify and accelerate the deployment of business critical applications and services. For more information, please visit [www.avaya.com](http://www.avaya.com).

## Scopia Desktop Specifications (cont.)

### Security

- Encrypted UI and signaling over HTTPS (AES-128)
- Encrypted media over SRTP (AES-128)
- Administrator can install own trusted certificates
- Pre-defined virtual rooms - mode where only pre-defined virtual rooms can be used
- Waiting room capability - meeting will not start until moderator joins
- Random security PIN for virtual room access
- User authentication

### Knock on the Door Feature

- Enables new participants to ask permission to join a locked conference

### Management

- Bandwidth management of calls
- Centralized monitoring

### Scheduling and Reservation

- Microsoft Outlook calendar integration
- Web-based meeting scheduling from any browser
- MCU port reservation to assure availability for critical meetings

### Client Computer Requirements

- Operating System: Microsoft Windows, Mac OS X
- Browsers: Internet Explorer, Firefox, Safari, Google Chrome
- Please see Release Notes for detailed system requirements

## Scopia Web Collaboration Server Hardware Specifications<sup>1</sup>

### Interfaces

- RJ-45, gigabit Ethernet
- RJ-45, serial port

### Power

- 100-240 VAC, 50/60 Hz auto-switched

### Physical Characteristics

- Height: 4.3 cm (1.7")
- Width: 43.0 cm (16.9")
- Depth: 69.0 cm (27.2")
- Weight: 15.4 kg (34.0 lb)
- 19-inch rack-mountable with flanges

### Environmental Characteristics

- Operating temperature: 10°C to 35°C (50°F to 95°F)
- Storage temperature: -40°C to 70°C (-40°F to 158°F)
- Relative storage humidity: 90% non-condensing at 35°

<sup>1</sup> For Advanced Data Collaboration (Scopia Web Collaboration option) noted above, a specific Avaya server appliance is required.

## Learn More

To learn more and to obtain additional information such as white papers and case studies about the Avaya Scopia Desktop, please contact your Avaya Account Manager or Authorized Partner or visit us at [www.avaya.com](http://www.avaya.com).

