

SCOPIA 100/400 Conferencing Solutions



RADVISION'S SCOPIA 100 and 400 Series Conferencing Solutions are Complete Out-of-the-box Visual Communications Solutions for Small to Medium-sized Video Networks



Video Conferencing Made Easy

SCOPIA video conferencing and collaboration solutions enable Web-based conferencing with the high quality of High Definition room system equipment and infrastructure. Users can enjoy ease of use and easy access to online desktop conferencing with the high quality delivered by conventional room systems.



Optimized Capacity

Users receive maximum value for their investment. Port capacity is consistently optimized, independent of video codecs or video quality – from High Definition to standard video. If bandwidth is not fully utilized, the number of available ports increases for reduced cost per port.



Extend the Reach of Video Network

With SCOPIA Desktop, the video network is accessible to any member of the organization. Team members can collaborate from the device they choose: a high end room conferencing system, a branch office or teleworker's laptop PC, or a mobile device. For larger audiences, use SCOPIA Desktop's built in streaming capabilities to reach out to hundreds of users.



Intelligent Call and Network Management

A Gatekeeper and management system is included for control, configuration, global network view and management of the entire video network, including network devices, endpoints and dial plans. SCOPIA's management system combines centralized or distributed components creating a highly scalable "Virtual MCU".



Works the Way You Work

Easy conference access and creation with the video auto attendant supporting both ad hoc and scheduled conferences. Meetings can be scheduled from a Web interface, via Microsoft[®] Outlook[®] or IBM[®] Lotus[®] Notes[®]. Scheduled meetings reserve the ports, bandwidth and devices required.

SCOPIA 100/400 Conferencing Solution Specifications

	SCOPIA ₁₀₀ 12	SCOPIA ₁₀₀ 24	SCOPIA ₄₀₀ 48	SCOPIA ₄₀₀ 72
Video Participants @ CP HD	4	16	32 (2x16)	48 (3x16)
Video Participants @ CP	12	24	48 (2x24)	72 (3x24)
Desktop Participants up to 384Kbps	24	48	96 (2x48)	96 (up to 2x48)
Additional Streaming Users	72	144	300	300
Audio Participants	72	72	96	96
Managements Ports - iVIEW Suite (H.323 & SIP, Scheduler, Management, Gatekeeper)	25	50	100	100

Conferencing Solution Components

- Multipoint Conferencing Units (MCUs) - with full HD video and audio transcoding, SIP and H.323 support
- iVIEW™ Suite with internal Gatekeeper - for conference scheduling and management
- SCOPIA Desktop - extends the reach of video networks to desktop and remote users

Capacity

- Optimized capacity provides optimized capacity and port cost to each conferencing application working point (High Definition, Standard Definition, Desktop)

Signaling Protocols

- H.323, SIP, H.320¹, H.324M²

Audio Support

- Codecs – G.711, G.722, G.722.1, G.723.1, G.728³, G.729AB³, MPEG4 AAC-LC
- Custom participant entry / exit tones
- DTMF tone detection (in-band, H.245 tones, and RFC2833)

Video Support

- High Definition Continuous Presence – H.264 @ 720p up to 30fps
- Codecs – H.261, H.263, H.263+, H.264
- Live video resolutions – QCIF, CIF/SIF, 4CIF, 288p, 384p, 400p, 448p, 480p, 576p, 720p, 1080p
- Presentation video resolutions – VGA, SVGA, XGA, 720p
- Video bandwidth – up to 4Mbps

Advanced Video Processing

- Video transcoding, rate matching, text overlay, 28 layout options, dynamic layout according to number of conference participants, lecture mode

Data Collaboration and Presentation Sharing

- H.239 and DuoVideo for presentation sharing

Security

- H.235 AES encryption
- Password protected web GUI user access with multiple levels: Administrator, Operator, User
- PIN protected conferences
- HTTPS for secured management

Web-Based Monitoring and Control

- User-friendly web interface for MCU configuration and conference operation

Video Auto-Attendant

- Leading number
- IP dialing
- Multi language

Endpoint Conference Control

- H.243
- DTMF

QoS

- DiffServ, TOS, IP Precedence

Desktop Connectivity via SCOPIA Desktop⁴

- Live connection (Audio, Video, Data)
- Streaming mode
- Built-in NAT and Firewall traversal
- Virtual room support
- Easy scheduling via Microsoft Outlook or Lotus Notes
- Web-based scheduling

Management via iVIEW™ Suite with Internal Gatekeeper⁵

- Gatekeeper (H.323 support)
- B2BUA – Back-to-Back User Agent (SIP support)
- Supports multiple devices for load balancing and failover
- User configurable dial-plan
- Full H.245 routing and control for call monitoring and authorization
- Network status and statistics
- Network-wide view of calls and conferences
- Central terminal configuration
- Display of events and errors received from elements
- Easy Web based scheduling and ad hoc video conferencing
- Complete Microsoft Outlook and IBM Lotus Notes integration

Chassis Specifications

SCOPIA 100 / 400 Chassis

- Height: SCOPIA 100 12/24 - 1U; SCOPIA 400 48/72 - 2U
- 19-inch rack-mountable
- 100-240 VAC, 50/60 Hz
- Dual power supply standard on SCOPIA 400 48/72

Environmental Requirements

- Operating temperature: SCOPIA 100: 0°C to 40°C (32°F to 104°F)
- Operating temperature: SCOPIA 400: 0°C to 50°C (32°F to 122°F)
- Storage temperature: -25°C to 70°C (-13°F to 158°F), ambient
- Relative humidity: 5% to 90% non-condensing

¹ In conjunction with SCOPIA H.320 Gateways

² In conjunction with SCOPIA 3G Gateways

³ Capacity is limited to 48 ports on SCOPIA100 12/24

⁴ SCOPIA Desktop software included requires installation on an external PC server

⁵ iVIEW Suite with Internal Gatekeeper software included and requires installation on an external PC server

About RADVISION

RADVISION (Nasdaq: RVSN) is the industry's leading provider of market-proven products and technologies for unified visual communications over IP and 3G networks. With its complete set of standards-based video communications solutions and developer toolkits for voice, video, data and wireless communications, RADVISION is driving the unified communications evolution by combining the power of video, voice, data and wireless – for high definition video conferencing systems, innovative converged mobile services, and highly scalable video-enabled desktop platforms on IP, 3G and emerging next-generation networks. For more information about RADVISION, visit www.radvision.com

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