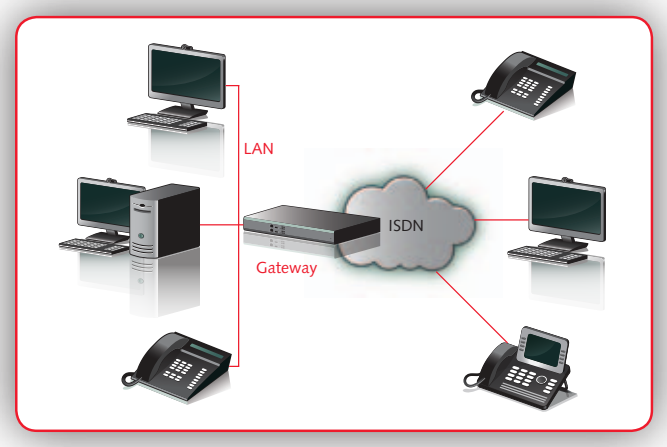
RADVISION®
an Avaya company

SCOPIA 100 Gateways



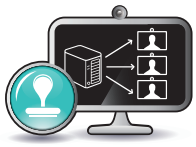
Plug and Play Gateways for Voice, Video and Data Communications Between ISDN and IP Networks

Seamless Connectivity

SCOPIA Gateways provide seamless connectivity between different networks and standards to deliver feature-rich, reliable, multimedia conferencing and communications. The Gateways are ideal for connecting IP video conferencing networks with ISDN endpoints and networks to fully utilize existing infrastructure investments.

Guaranteed Interoperability

Highly compatible and interoperable with standard-compliant Gatekeepers, terminals, and MCUs, market-proven SCOPIA Gateways enable connectivity between video conferencing systems and offices into a single, unified conferencing network, independent of the protocols or devices used at end locations.



Robust and Reliable

SCOPIA Gateways deliver high quality communications for voice, video and data using advanced DSP technology. Network-wide detection and automatic recovery of communication and resources delivers superb reliability. Intelligent management of communication channels ensures optimal utilization of available resources and services.

Scalable and Distributed

SCOPIA Gateways offer flexible, scalable connectivity, distributed or centralized, that grows with your needs to ensure right-sized capacity. Together with multipoint conferencing, Web collaboration applications, scheduling, security, and powerful network management tools, SCOPIA Gateways put your organization on the right path toward intelligent visual communications.

Easily Deployed

SCOPIA Gateways are easily installed with plug and play deployment for voice, video and data communications between ISDN and IP networks. Intuitive and easy-to-use, SCOPIA Gateways offer centralized management and a global view of full system statistics.

SCOPIA 100 Gateway Specifications

	SCOPIA 100 P20	SCOPIA 100 P10	SCOPIA 100 B40	SCOPIA 100 S40
Interfaces	2 IDSN PRI T1/E	1 IDSN PRI T1/E1	4 IDSN BRI Max	V.35/RS-449/EIA-530/ EIA530-A DCE & DTE
System Capacity E1[3]	60 voice calls	30 voice calls	8 voice calls	4 video calls @ up to 2Mbps
	30 video calls @ 128Kbps	15 video calls @ 128Kbps	4 video calls @ 128Kbps	
	10 video calls @ 384Kbps	5 video calls @ 384Kbps	2 video calls @ 256Kbps	
	4 video calls @ 768Kbps	2 video calls @ 768Kbps	1 video call @ 384Kbps	
	2 video calls @ full E1	1 video call @ full E1	1 video call @ 512Kbps	
Max System Capacity T1[3]	46 voice calls	23 voice calls		
	23 video calls @ 128Kbps	11 video calls @ 128Kbps		
	7 video calls @ 384Kbps	3 video calls @ 384Kbps		
	3 video calls @ 768Kbps	1 video call @ 768Kbps		
	2 video calls @ full T1	1 video call @ full T1		

Network Protocols:
- H.323 over IP
- H.320 over ISDN
- H.320[1] over V.35/RS-449/ EIA-530/EIA-530A DCE & DTE
- H.243 conference control

Video Protocols:
- H.261
- H.263
- H.263+
- H.263++
- H.264

Video Resolutions:
- QCIF
- CIF
- 4CIF
- 16CIF
- 448p
- 480p
- 576p
- 720p

Audio Protocols:
- G.711
- G.722
- G.722.1
- G.723.1
- G.728

Audio Transcoding:
- G.728<>G.711
- G.711<>G.723

Line Echo Cancellation[2]

Data Protocols:
- T.120
- T.140
- T.281 FECC
- TANDBERG DuoVideo
- H.239

Chassis Specifications

Physical Dimensions:
- 19-inch, rack-mountable unit, 1U height

Power:
- Input 100-240VAC, 50/60Hz

Environmental Requirements:
- Operating temperature: 0ºC to 40ºC (32ºF to 104ºF)
- Storage temperature: -25ºC to 70ºC (-13ºF to 158ºF), ambient
- Relative humidity: 5% to 90% non-condensing

ISDN Call Bonding[2]:
- Up to 2Mbps on PRI (E1) connections
- Up to 1.5Mbps on PRI (T1) connections
- Up to 512Kbps for BRI

Management:
- SNMP
- Embedded web server

Call Routing:
- Built-in Interactive Voice Response (IVR)
- Direct Inward Dialing (DID)
- TCS4
- Default extension for operator assistance
- Flexible/configurable IP dial plan
- RS366 signaling[1]

Security:
- AES Encryption[3] - H.233, H.234, H.235
- HTTPS web server
- S40 is fully compliant with government and military encryption devices such as KIV-7M, KIV-7HS, KIV-19, KG-193 and STE

Network and Reliability Support:
- Dynamic routing of IP calls to neighboring Gateways based on resource availability
- Downspeeding support[2]
- Network optimization for high call completion
- H.320 line related auto registration
- Network Specific Facility (NSF)[2]
- QoS support with DiffServe, IP TOS and precedence
- Advanced IP packet handling ensuring high quality communications
- Fast connect for voice calls[2]
- S40 supports the LOS signal and is seamlessly interoperable with encryption devices such as KIV-7
- Redirect (PRI) in ISDN-to-IP calls, the Gateway will forward to the destination IP terminal the caller ID and redirecting endpoint details

1. Specific to S40 Gateway.
2. Not supported with the S40 Gateway.
3. Port capacities when using encryption are reduced in half. This does not apply to the S40 and B40 systems

About Radvision

Radvision, an Avaya company, is a leading provider of video conferencing and telepresence technologies over IP and wireless networks. We offer end-to-end visual communications that help businesses collaborate more efficiently. Together, Radvision and Avaya are propelling the unified communications evolution forward with unique technologies that harness the power of video, voice, and data over any network. www.radvision.com

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* Images of SCOPIA 100 Gateways components may vary from the actual product.

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