

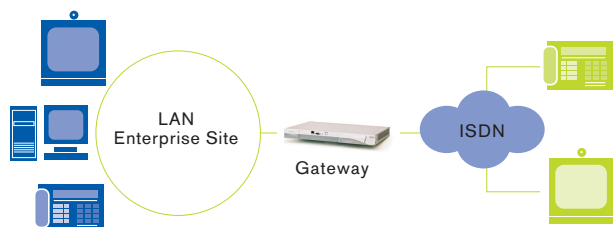
# vialP Gateways

for integrated rich media collaborative communications over ISDN and IP networks

RADVISION vialP™ gateways provide seamless interoperability between different networks and standards to deliver feature-rich, reliable, multimedia conferencing and communications. vialP gateways are packet-based from the bottom up, and ensure easy and affordable connection with next-generation distributed networks. The gateway is an ideal solution for connecting IP videoconferencing networks with ISDN endpoints and ISDN bridges for full utilization of your existing videoconferencing investments.

## Enterprise Gateway Application

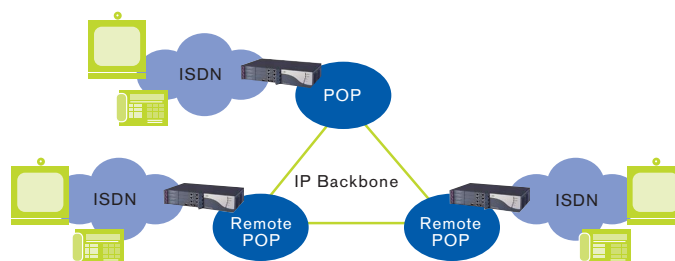
RADVISION vialP gateways enable enterprises to cost-effectively connect to remote locations, such as branch offices or partner sites while offering a scalable solution to allow rich media connectivity throughout the organization's entire supply chain.



**RADVISION vialP gateways are part of the vialP family of multipoint conferencing units, data collaboration, gateways, utilities and applications for rich media collaborative communications in large-scale enterprise, carrier and distributed network deployments.**

## Carrier Gateway Services

vialP Gateways enable carriers and service providers to widely deploy lucrative value-added rich media gateway services



## Seamless interoperability

vialP gateways are highly compatible and interoperable with standard-compliant gatekeepers, terminals, and MCUs. The RADVISION vialP Gateway is a mature and market-proven solution enabling you to connect together all of your videoconferencing systems and offices into a single video network, regardless of the protocols used at the end site.

## Scalable and Distributed Solutions

The vialP family of gateways offers flexible, scalable and distributed or centralized solutions that can grow in accordance with the needs of your enterprise to ensure right-sized capacity. Together with multipoint conferencing, Web collaboration applications, scheduling, security modules and powerful network management tools, RADVISION vialP Gateways put your organization on the right path toward intelligent rich media collaborative communications.

## vialP Gateway Highlights

- Standard-compliant solutions with guaranteed interoperability
- High quality communications for voice, video and data streams using advanced DSP technologies
- Intelligent management of communication channels to ensure optimal utilization of available resources and services
- Network-wide detection and automatic recovery of communication and resources for superb reliability
- Intuitive and easy-to-use, with centralized management and a global view of full system stats

## vialP GATEWAY PRODUCT SPECIFICATIONS:



	gw-P20	gw-P10	gw-B40	gw-S40
Interfaces	2 ISDN PRI T1/E1	1 ISDN PRI T1/E1	4 ISDN BRI	v.35/RS-449/EIA-530, all DTE
Max System Capacity E1	60 voice calls 30 video calls @ 128Kbps 10 video calls @ 384Kbps 4 video calls @ 768Kbps 2 video calls @ full E1	30 voice calls 15 video calls @ 128Kbps 5 video calls @ 384Kbps 2 video calls @ 768Kbps 1 video call @ full E1	8 voice calls 4 video calls @ 128Kbps 2 video calls @ 256Kbps 1 video call @ 384Kbps 1 video call @ 512Kbps	4 video calls @ up to 1.5Mbps
Max System Capacity T1	46 voice calls 23 video calls @ 128Kbps 7 video calls @ 384Kbps 3 video calls @ 768Kbps 2 video calls @ full T1	23 voice calls 11 video calls @ 128Kbps 3 video calls @ 384Kbps 1 video call @ 768Kbps 1 video call @ full T1		

### Network protocols:

- H.323 over IP
- H.320 over ISDN
- H.320<sup>2</sup> over V.35/RS-449/ EIA-530

### Video Protocols:

- H.261
- H.263
- H.263+<sup>1</sup>
- H.263 ++<sup>1</sup>

### Video Resolution:

- QCIF
- CIF
- 4CIF<sup>1</sup>
- 16CIF<sup>1</sup>

### Audio Protocols:

- G.711
- G.722
- G.722.1<sup>1</sup>
- G.723.1
- G.728

### Audio Transcoding:

- G.728 <-> G.711
- G.711 <-> G.723

### Data Collaboration:

- T.120

### Line Echo Cancellation<sup>3</sup>

### Call Bonding<sup>3</sup>:

- ISDN call bonding of up to 2MB (E1)
- 1.5MB (T1) on PRI connections,
- 512Kbps for BRI
- Downspeeding support<sup>4</sup>

### Management:

- SNMP
- HTTP - 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<sup>2</sup>

### Network and Reliability Support:

- Dynamic routing of IP calls to neighboring Gateways based on resource availability
- Downspeeding support<sup>4</sup>
- Network optimization for high call completion
- H.320 line related auto registration
- Network Specific Facility (NSF)<sup>3</sup>
- QoS support with DiffServe, IP TOS and precedence
- Advanced IP packet handling ensuring high quality communications<sup>1</sup>
- Fast connect for voice calls<sup>4</sup>
- S40 supports the LOS signal and is seamlessly interoperable with encryption devices such as KIV7, used in federal and military markets

<sup>1</sup> Specific to gw-P20, gw-P10 and gw-S40 Gateways

<sup>2</sup> Specific to gw-S40 Gateway

<sup>3</sup> Not supported with the gw-S40 Gateway

<sup>4</sup> Specific to gw-P20 and gw-P10 Gateways

More detailed technical specifications on RADVISION vialP gateways are available from RADVISION sales agents or VARs, or contact at the address below and we will be happy to forward the full technical specifications and operating information to you

## About RADVISION

RADVISION (Nasdaq: RVSN) is the industry's leading provider of products and technologies for videoconferencing, video telephony, voice over IP, and collaborative communications solutions. RADVISION offers the broadest and most complete set of videoconferencing networking systems and next generation protocol toolkits and platforms on the market today, enabling enterprises, equipment vendors, and service providers to develop and deploy new converged networks, services and technologies. Today, hundreds of thousands of end-users around the world communicate over a wide variety of networks using products and solutions built around RADVISION's rich media communications platforms and/or software development solutions. These include RADVISION's award-winning videoconferencing infrastructure solutions such as its highly scalable IP/ISDN interworked gateways, feature-rich conferencing bridges, and advanced gatekeeper applications. RADVISION's enabling technologies for OEM systems include developer toolkits for SIP, MEGACO/H.248, MGCP, and H.323, 3G-324M wireless multimedia delivery, and the ProLab™ Test Management Suite. For more information please visit our website at [www.radvision.com](http://www.radvision.com).

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