

# 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 and reliable multimedia conferencing and communications. This includes translation between ISDN and IP networks and interoperability with standard-compliant devices.

RADVISION vialP gateways enable enterprises to cost-effectively connect to remote sites, such as branch offices, and offer a scalable solution to allow rich media connectivity throughout your organization's entire supply chain. vialP gateways also enable service providers to widely deploy lucrative value-added rich media services.

Designed for today—and tomorrow—RADVISION vialP gateways offer full support for packet-based rich media communications and deliver full connectivity over legacy ISDN videoconferencing infrastructures.

**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.**

## Seamless interoperability

vialP gateways offer complete interoperability and are compatible with most standard-compliant gatekeepers, terminals, and MCUs. vialP gateways provide the most reliable interoperability in the industry, ensuring that you benefit from all the power and convenience of a true rich media collaborative experience.

## Scalable solutions that grow with your enterprise

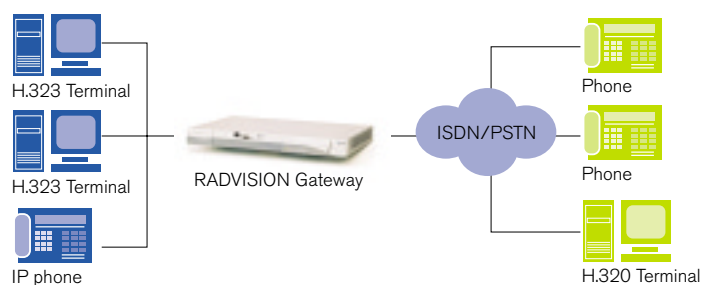
The vialP family of gateways offers flexible, scalable solutions that grow in accordance with the needs of your enterprise to ensure right-sized capacity. Together with powerful network management systems, multipoint conferencing, Web collaboration applications, reservation, scheduling and security modules,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

## Future-ready

vialP gateways are packet-based from the bottom up, and ensure easy and affordable connection with next-generation distributed networks. As a leader in this industry for over a decade, new device manufacturers and protocol developers base their next generation development efforts on RADVISION's award winning protocol stack.

## vialP Gateway Highlights

- Interoperability over most communication networks using standard-compliant devices
- 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



viaIP PRODUCT SPECIFICATIONS:

**gw-P20**



**gw-P10**



**gw-B40**



	gw-P20	gw-P10	gw-B40
Interfaces	2 ISDN PRI T1/E1	1 ISDN PRI T1/E1	4 ISDN BRI
Max System Capacity E1	60 voice calls	30 voice calls	8 voice calls
	30 video/data calls@128Kbps	15 video/data calls@128Kbps	4 video/data calls@128Kbps
	10 video/data calls@384Kbps	5 video/data calls@384Kbps	2 video/data calls@256Kbps
	4 video/data calls@768Kbps	2 video/data calls@768Kbps	1 video/data call@384Kbps
	2 video/data full PRI calls@2MB	1 video/data call@2MB	1 video/data call@512Kbps
Max System Capacity T1	46 voice calls	23 voice calls	
	23 video/data calls@128Kbps	11 video/data calls@128Kbps	
	7 video/data calls@384Kbps	3 video/data calls@384Kbps	
	3 video/data calls@768Kbps	1 video/data call@768Kbps	
	2 video/data full PRI calls@1.5MB	1 video/data call@1.5MB	

**Network protocols:**

- H.320 ISDN
- H.323 IP

**Video Protocols:**

- H.261
- H.263
- H.263+\*
- H.263 ++\*

**Video Resolution:**

- QCIF
- CIF
- 4CIF\*
- 16CIF\*

**Audio Protocols:**

- G.711
- G.722
- G.723.1
- G.728
- G.722.1\*

**Audio Transcoding:**

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

**Data Collaboration:**

- T.120

**Line Echo Cancellation**

**Call Bonding:**

- ISDN call bonding of up to 2MB (E1)
- 1.5MB (T1) on PRI connections,
- 512Kbps for BRI
- Downspeeding support\*

**Management:**

- SNMP
- HTTP (Web-based management)

**Call Routing:**

- Built-in Interactive voice response (IVR)
- Direct Inward Dialing (DID)
- Flexible/configurable dial plan

**Network and Reliability Support:**

- ISDN fallback
- Load balancing using RAI/RAC protocol
- ISDN related auto registration
- Network Specific Facility (NSF)
- QoS with IP TOS and DiffServ
- Advanced IP packet handling\*
- Fast connect for voice calls\*

\* Specific to gw-P20 Gateway

More information on the RADVISION viaIP gateways and the viaIP family is available from RADVISION sales agents or VARs, or contact us and we will be happy to forward all available 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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