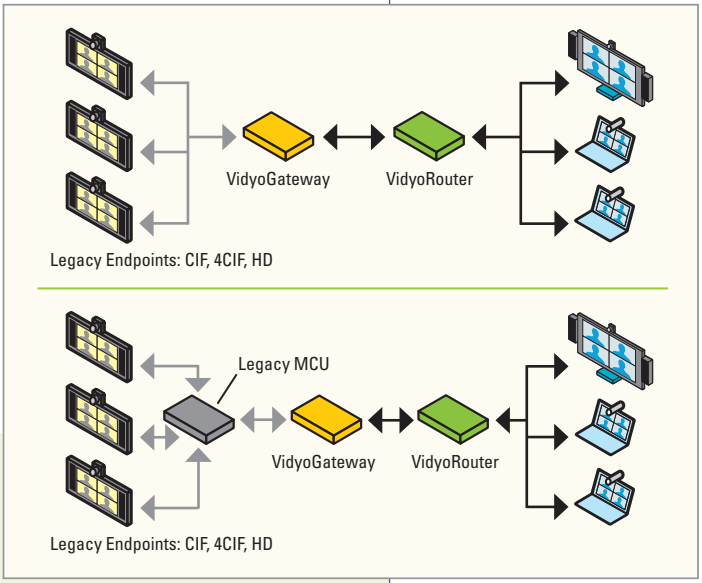
Vidyo®
Personal Telepresence

VidyoGateway™



Adopting revolutionary technologies can be a double edged sword. On one hand, you have compelling new benefits and economies afforded by the new technology, while on the other hand you have an existing investment in legacy technology that you may not be ready to retire. Vidyo understands that a flash cut from "old" to "new" is typically not practical and that there is need for your new VidyoRouter™ based personal telepresence solution to interoperate with your existing H.323 and SIP based videoconferencing equipment. The VidyoGateway provides the migration path you need. You can retain the use of your legacy room systems and MCUs and let them interoperate with your VidyoConferencing™ future. Like VidyoRooms™, calls through the VidyoGateway™ do not consume VidyoLine™ licenses, making integration with legacy endpoints not only easy, but affordable.

▲ *Best of both worlds - The VidyoGateway provides interoperability with to the legacy endpoints while participating as an SVC based endpoint from the VidyoRouter's perspective.*

VidyoGateway Benefits:

- Extend existing room system deployments to the desktop
- Protects H.323 & SIP endpoint investment while migrating to next generation architecture
- Connects VidyoConferencing to legacy MCUs
- Eliminates need for expensive QoS networks between remote locations for legacy room systems when Vidyo Gateway is provisioned on the same LAN
- Facilitates data sharing with legacy endpoints via H.239

The VidyoGateway appliance connects to legacy videoconferencing endpoints and MCUs such as Polycom and Tandberg, and enables them to interoperate with Vidyo's breakthrough architecture. The VidyoGateway supports both H.264 and H.263 video conferencing using SIP and H.323 signaling as well as H.239 data sharing.

There are two models of the VidyoGateway to help optimize price per H.323 or SIP port based upon deployment configuration and capacity requirements.

H.323 & SIP

No QoS networks

Capacity

VidyoGateway	VidyoGateway MK-II
1 x HD 720P30 @ 1.5 Mbps	3 x HD720P30 @ 1.5 Mbps
4 x 4CIF (SD) @ 768 Kbps	12 x 4CIF (SD) @ 768 Kbps
12 x CIF @ 384 Kbps	24 x CIF @ 384 Kbps
25 Audio Only Ports	50 Audio Only Ports

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With VidyoGateway, you can retain the use of your legacy room systems and MCUs and let them interoperate with your VidyoConferencing™ future.

Gateway Features and Functions:

Protocols & Standards

- H.323 and SIP (signaling)
- H.239 (data sharing)
- G.711, G.722 (audio)
- H.264 SVC, H.264/AVC up to HD, H.263 (video)

Administration

- Intuitive web-based administration, configuration & maintenance
- Real-time resource utilization monitoring
- Ability to join legacy devices to conferences for users
- Create profiles using parameters like resolution, bit rate, layout, # of participants, H.239 data sharing, etc.
- Configuration changes and service prefix modifications apply without having to reboot

Deployment

- Registers to a SIP Proxy and H.323 Gatekeeper
- Supports prefix+IP or GDS dialing with PIN delimiter
- Connects to both MCUs and endpoints
- SNMP (MIB II) enabled elements
- Supports optional configuration of an external NTP server for timezone management
- Provides packet-loss error resiliency over the Internet toward the VidyoRouter – no external QoS required if collocated with the legacy endpoint
- Multiple VidyoGateways can be stacked to increase number of supported ports
- 50 audio-only ports

User Experience

- Add legacy endpoints into personal meeting space through VidyoPortal, similar to Vidyo endpoints
- Control legacy endpoints during meeting from VidyoPortal
- Add legacy endpoints to personal speed dial directory for one-click access
- Effortless H.239 data sharing (happens automatically using VidyoDesktop share feature)
- Vidyo room owner can ***Mute*** the audio and select video ***Privacy*** for Gateway participants during the video call from the Control Meeting page

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Extend existing room system deployments to the desktop.

VidyoGateway Specifications:

PHYSICAL SPECIFICATIONS	VidyoGateway™	VidyoGateway MK-II
DIMENSIONS:	Height - 1.7" (43mm) Width - 17.2" (437mm) Depth - 14.5" (369mm) Gross Weight - 17 lbs (7kg) Form Factor - 1U Rackmount	Height - 1.7" (43mm) Width - 17.3" (439mm) Depth - 14.5" (368mm) Gross Weight - 20 lbs (9.1kg) Form Factor - 1U Mini Rackmount
BACK PANEL:	**Ports** 2x RJ45 LAN ports - 100BASE-TX, and 1000BASE-T 2x USB 1x VGA Port PS/2 keyboard and mouse ports 1 Fast UART 16550 serial port	**Ports** 2x RJ45 LAN ports 2x USB rear ports 1x USB on-board 2x USB internal headers 1x VGA Port PS/2 keyboard and mouse ports Serial Port / Header 1 Fast UART 16550 serial port
FRONT PANEL:	**Buttons** Power On/Off button **LEDs** Power LED Hard drive activity LED Network activity LEDs System Overheat LED **Ports** 2x USB Ports **Peripheral Drives** DVD-ROM - Slim 8x DVD / 24x CD-ROM drive	**Buttons** Power On/Off button **LEDs** Power LED Hard drive activity LED 2x Network activity LEDs System Overheat LED **Ports** 2x USB Ports
OPERATING ENVIRONMENT:	Operating Temperature Range: 10° to 35°C (50° to 95° F) Non-Operating Temperature Range: -40° to 70°C (-40° to 158° F) Humidity Range: 8 - 90% non-condensing Non-Operating Humidity Range: 5 - 95% non-condensing	Operating Temperature Range: 0° to 35°C (32° to 95° F) Non-Operating Temperature Range: -40° to 70°C (-40° to 158° F) Humidity Range: 20% to 95% non-condensing Non-Operating Humidity Range: 5 - 95% non-condensing

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Eliminates the need for expensive QoS networks between legacy end-points of remote locations and the VidyoRouter™ when VidyoGateway™ is deployed at the legacy endpoint site.

VidyoGateway Specifications:

PHYSICAL SPECIFICATIONS	VidyoGateway™	VidyoGateway MK-II
REGULATORY COMPLIANCE	Safety: CSA/EN/IEC/UL 60950-1 Compliant, UL or CSA Listed (USA and Canada), CE Marking (Europe) EMC: Electromagnetic Emissions: FCC Class A, EN 55022 Class A, EN 61000-3-2/-3-3,CISPR 22 Class A Electromagnetic Immunity: EN 55024/ CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11)	Safety: CSA/EN/IEC/UL 60950-1 Compliant, UL or CSA Listed (USA and Canada), CE Marking (Europe) EMC: Electromagnetic Emissions: FCC Class A, EN 55022 Class A, EN 61000-3-2/-3-3,CISPR 22 Class A Electromagnetic Immunity: EN 55024/ CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11)
POWER SUPPLY:	Rated Output Power: 200W Rated Output Voltages: +3.3V (8A), +5V (8A), +12V (16A), -12V (0.5A), +5Vsb (2A)	Rated Output Power: 520W Rated Output Voltages: +3.3V (16A), +5V (20A), +12VALL (39A), -12V (0.5A), +5Vsb (3A)
SYSTEM INPUT REQUIREMENTS:	AC Input Voltage: 100-240 VAC (auto-range) Rated Input Current: 3A max. Rated Input Frequency: 50 to 60 Hz	AC Input Voltage: 100-240 VAC Rated Input Current: 7A ~ 3A max. (100-240V) Rated Input Frequency: 50 to 60 Hz

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