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PSE H.323/SIP Gateway



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Mirial PSE H.323/SIP Gateway (PSE.HSGW) is a network appliance enabling smooth audio and video communication between H.323 and SIP equipments.

Engineered to integrate seamlessly into any existing H.323 or SIP scenario, the PSE.HSGW acts as a signaling bridge providing users on both networks with a wide range of opportunities, such as VVoIP and interactive audio/video services.

Highlights

- ➔ Call routing capabilities
- ➔ Native video support
- ➔ Web-based control panel for simple and intuitive call management
- ➔ Flexible logging and statistical data for problem diagnosis and billing logics
- ➔ 15 to 120 concurrent calls per single unit

Features and Benefits

Connects H.323 and SIP networks	Extend the reach of cutting-edge SIP applications to legacy H.323 systems
Integrates seamlessly into existing deployments	Leverage on existing H.323 endpoints without the need of expensive investments
Pure H.323 to SIP signaling (and v/v)	Avoid ineffective deployments and overkills (eg: usage of MCUs for H.323/SIP translation)

PSE H.323/SIP Gateway is an open-standard and protocols-compliant signaling gateway to connect SIP and H.323 networks.

Thanks to its field-proven interoperability and ease of use, it is the preferred choice in the enterprise and service provider space.

PSE H.323/SIP (PSE.HSGW) Specifications

H.323

ITU-T H.323 v.4

Call transfer via forwarding facility

SIP

SIP RFC-3261

SIP Microsoft Office Communications Server™ extensions

Audio Codecs

G.711 μ -law / A-law

G.722

G.722.1/C (Siren14™)

G.723.1

G.728

G.729

Video Codecs

ITU-T H.261

ITU-T H.263

ITU-T H.263+

ITU-T H.264

DTMFs

Send DTMF out-of-band as per RFC-2833, or in-band with any audio codec

Carrier-grade features

Full horizontal scalability for fault tolerance and load balancing

Management

Web-based Administration Console

Internal configurable firewall

Support for SNMP MIBs

Extensive logging providing detailed user problem reports

Realtime graphical statistics for quick problem diagnosis

Comprehensive call-oriented CDR generation

Network

Bitrate (per call): 6Kbps - 2Mbps

Direct Media Path

QoS via DIFFSERV (DSCP)

Static NAT

Concurrent signaling protocol (SIP, H.323)

Ethernet Interfaces

2 x Gigabit Ethernet

System Capacity

Model	Calls
PSE.HSGW_15	15
PSE.HSGW_30	30
PSE.HSGW_60	60
PSE.HSGW_120	120

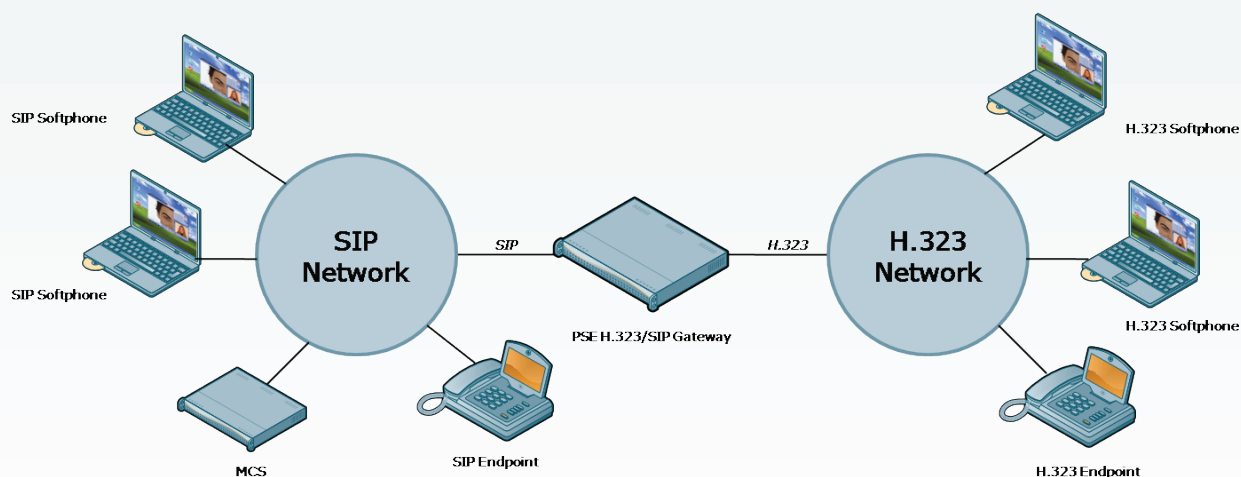
Hardware

19" rack mountable (1RU)

Height 4.26 cm, Width 42.63 cm, Depth 75.1 cm

Certifications: FCC Class A, ICES Class A, CE Mark (EN 55022 Class A, EN55024, EN61000-3-2, EN61000-3-3), VCCI Class A, BSMI Class A, CTick Class A, SABS Class A, CCC Class A, MIC Class A, UL 60950 - 1, CAN/CSA C22.2 No. 60950 - 1, EN 60950 - 1, IEC 60950 - 1

PSE.HSGW sample deployment scenario



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Specifications are subject to change without notice.

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