

HiPath HG3500-DX family

Convergence and your business

The convergence of voice and data communications, based on Internet Protocols (IP) is the core element of realtime communications, which will revolutionise the way we do business. It will generate added value by reengineering business processes.

HiPath HG3500-DX is part of the generation of IP communication products that focus on cutting costs by efficiently utilising existing network infrastructure and by combining network management.

Businesses will achieve benefits including reductions in operating costs and improvements in asset management by the adoption of IP in their existing voice infrastructures.

HiPath HG3500-DX

HiPath HG3500-DX is a family of integrated IP gateways that offer a seamless migration into an IP infrastructure for HiPath DX customers. With these IP blades a customer can converge voice and data onto a single network infrastructure, without sacrificing traditional features and functionality.

HiPath HG3540/50-DX is an IP trunking blade for iSDX, Realitis DX and HiPath DX. In conjunction with HiPath DX 9.2 software, it provides support of SIP. It enables interworking of HiPath DX and HiPath 8000 systems, as well as interworking with HiPath 4000 and other HiPath DXs.

HiPath HG3550-DX is an IP trunking blade for iSDX, Realitis DX and HiPath DX. It enables cost-effective networking of HiPath DX and HiPath 4000, as well as interworking with other HiPath DXs.

HiPath HG3530-DX is an IP desktop blade for iSDX, Realitis DX and HiPath DX. It replaces Realitis Xpress, and offers a new range of workpoints and an analogue port adapter. Importantly, the new card can co-exist with digital and analogue extension cards already installed.

Features and benefits:

- transparent delivery of telephony features across an IP network
- integral gateway card with no requirement for external gatekeeper
- supports G.711, G.723 and G.729
- payload switching between IP endpoints

- optiClient130 PC client with choice of graphical user Interfaces
- provides connectivity for the optiPoint 410 and 420 range of workpoints

Technical specification

Common functionality

- G.711, G.723.1, G.729A, G.729B and G.729AB codecs
- T.38 fax relay capable
- G.168 echo cancellation, VAD (Voice Activity Detection), out of band DTMF signalling
- V.34 modem via 64K clear channel codec
- Diffserv, 802.1 D (p), 802.1 Q quality of service methods
- 10/100 BaseT full/half duplex network and management interfaces
- web-based management tool
- payload switching between HiPath IP endpoints.

HiPath HG3540/50-DX trunking functionality

- SIP interworking with HiPath DX version 9.2 and HiPath 8000, HiPath 4000 v3.0 & v4.0
- IP interworking with HiPath DX version 9 (or later) and HiPath 4000 v2.0, v3.0 & v4.0
- point to multipoint connection of up to 500 gateways
- feature transparency using SIP-Q or Cornet-IP
- provides 45 or 90 channels per gateway.

HiPath HG3550-DX trunking functionality

- interworking with HiPath DX version 9 and HiPath 4000 v2.0, v3.0 & v4.0
- point to multipoint connection of up to 500 gateways
- feature transparency using Cornet-IP
- provides 45 or 90 channels per gateway.

HiPath HG3530-DX desktop functionality

- optiClient 130 soft client compatibility
- optiPoint 410 & optiPoint 420 compatibility with dual registration for resilience



HiPath DX

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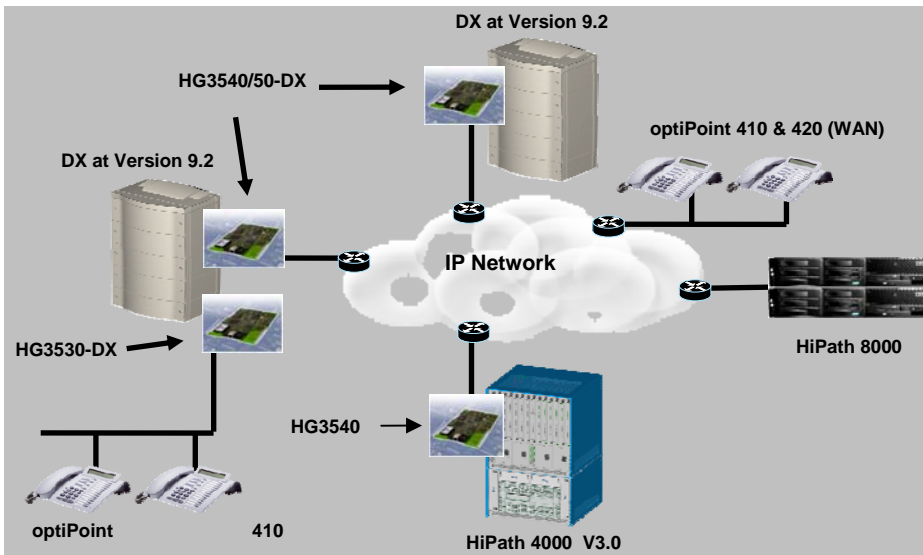
Global network of innovation

- AP1120 analogue adaptor compatibility
- provides TDM to IP conversion for 60 or 120 simultaneous connections per gateway
- capable of supporting up to 240 workpoints (176 on iSDX) per gateway
- no requirements for external gatekeeper server.

Requirements:

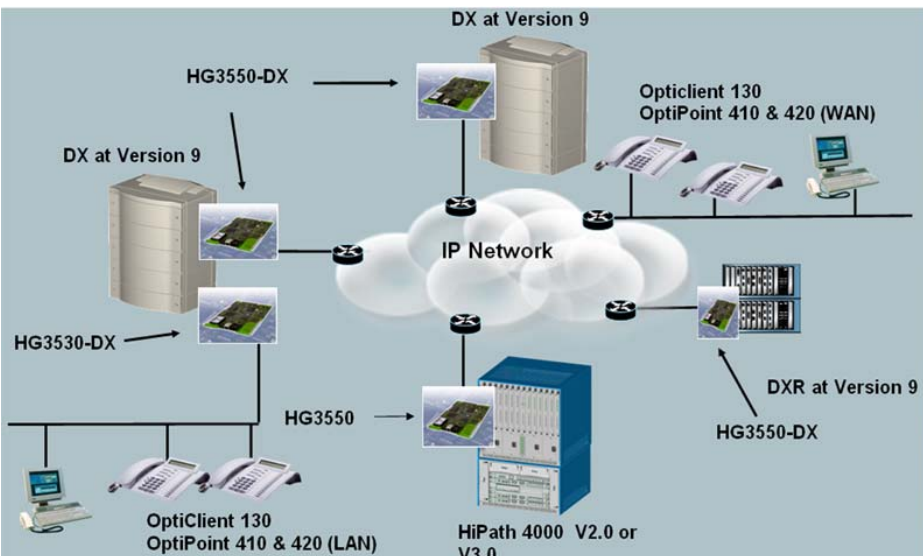
- all solutions require a voicecapable LAN/WAN infrastructure.

Network Architecture - SIP Connectivity

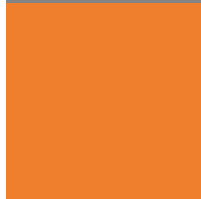


HG3540/50-DX SIP trunking to HiPath 8000, HiPath 4000 and another HiPath DX
HG3530-DX desktop to both local and remote optiPoint 410/420

Network Architecture - IP Connectivity



HG3550-DX IP trunking to HiPath 4000 and another HiPath DX
HG3530-DX desktop to both local and remote optiPoint 410/420



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