

Upgrade your DX from revisions 5.1 and below

Software Version	Feature	Benefit
9.2.001	SIP trunking	The HG3540/50-DX card ports the HiPath 4000 Version 3 HG3540 interface onto the HiPath DX platform. The HG3540/50-DX provides the existing functionality of the HG3550-DX card, and provides SIP interworking with HiPath 8000, HiPath 4000 and other HiPath DXs. The card also provides support for SIP Carrier Services (subject to connection approval testing).
	Additional support for "Dual Homing"	Enables the DX to route incoming calls to a secondary destination if an IP phone is not contactable via its primary Gateway.
	Change Alarm Error Priorities	Allows the priorities to be changed by MMI
	Payphone support	Enables payphone devices to be connected as extensions

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9.0.071 (Version 9 SMR1)	Local PSTN dialling	Enables IP users on remote sites to be put into groups based on their location. When local calls are made, the area code relating to their geographical area will prefix the number dialled.
	Switch based congestion control	Enables the number of concurrent calls involving a group of remote of IP users to be limited to maintain speech quality.
9.0.061 (Version 9)	HiPath DX IP Gateway (supersedes HiPath Xpress)	The card ports the HiPath 4000 HG3530 and HG3550 interface onto the HiPath DX platform. The HG3550-DX version provides interworking with other HiPath DXs and also HiPath 4000. The HG3530-DX version supports all of the IP HFA phones supported on HiPath 4000.
	Direct Media Connection	Enables the speech packets to be sent directly between IP endpoints. This reduces delays and improves speech quality by reducing the need to convert speech encoding to/from the IP and TDM parts of the network.
	Enables previously charged features as standard	Customers no longer need to apply to have a feature activated.

8.0.051 (Revision 8 Application Pack 5)	Peer to Peer IP Switching	Decreases the number of connections between IP clients creating only one speech compression/decompression per call. Speech is directly connected therefore less delay, improving the speech quality.
	Keysystem Group Call Deflect	Instantly deflects calls to voicemail or another extension (within a keysystem group) with a single button press on the handset increasing staff productivity when busy.
	Increased Number of Homeworkers	Increase from 682 to 4096 making it possible for every extension on a switch to be designated a homeworker.
	Simple Network Time Protocol (SNTP)	Standardises time across the network necessary when implementing IP trunking and IP desktop solutions.
8.0.041 (Revision 8 Application Pack 4)	Fraud Detection	Control DX switch security 24 hours a day, allowing companies to manage operating costs. Also informs supervisors of misuse within the company, changing staff behaviour.
	Integrated Communication and Control System (ICCS) Interworking	An ICCS provides a switching environment to communicate by both radio and telephony channels used in Emergency Services or Utilities. DPNSS enhancements to the DX enables 'call takers' on an ICCS to be permanently configured through MMI as 'homeworkers' and be full members of HiPath ProCenter.
	Administrator Control of User Features	If users are absent or have diverted their phone administrators are now able to set new locations or unlock the diversions,

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		freeing up the phone.
	Enhanced Command Security	Allows the customer to move MMI commands to different password levels to allow administrators control of certain areas at the discretion of the main administrator.
	Restoration of User Features	Prior to Rev 8, App Pk4 customers would lose all 'divert' and 'do not disturb' settings on reconfiguration.
8.0.031 (Revision 8 Application Pack 3)	CLI Based Call Routing	Enhances existing digit translation and directs incoming PSTN calls towards numbers possibly different to those dialled to provide increased customer service.
	User Selectable CLI	When initiating calls onto the public network users can select the CLI they wish to be presented to the customer allowing them to see information about the calling company.
	Increased Abbreviated Numbers	Abbreviated numbers can be used to create an approved dialling list of external numbers to allow cost control of calls.
	Join in / Monitor or Conference Facility	Enables users to access 2-party calls rather than being invited, and participate or silently monitor.
	2 nd Message Waiting Lamp	Differentiate message types by having 2 message waiting lamps on digital telephones
8.0.021 (Revision 8 Application Pack 2)	HiPath Mobility Server	Allows access to company telecommunications, irrespective of time of day or location, making and receiving calls as if they were located in the office. This ability combined with conventional dial-up connections for remote workers means that your business can provide a totally mobile business offer, in a highly cost effective manner.
8.0.011 (Revision 8 Application Pack 1)	Name Tagging	Public CLIs are displayed on compatible telephones resulting in a more efficient call handling process.
	Trunk Announcement	Alerts users to calls routed across a more expensive route, as opposed to internal connections.
	Maintenance Enhancements	A range of diagnostic tools ensure corrective steps are taken as fast as possible, minimising disruption.
8.0.001 (Revision 8)	Smart Configuration	Enables all commonly used software tables and groups to be set at their maximum size, with greater flexibility to change table sizes on-line.
	Application Packs	Smaller scale upgrades containing between one and three new features per release. Focused, responsive feature development means that the latest innovations can be delivered faster to your DX.
	System Card	Incorporates the features of four cards into one, therefore freeing up capacity.
	optiPoint 500 Range of Telephones	The latest stylish range of digital telephones, with smaller desk footprint and wide range of adapters.
	Dual and Single Slot Working	Eliminates the need to replace old dual port cards when upgrading and increases capacity by enabling empty slots to be recovered for use as flexible slots.

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7.1	Networking Wide Hotdesking	Allows the introduction of remote employees who can reside at any desk within the network. Call control and monitoring is no different to those locally connected.
	Home Working	When office space is critical, users can hot desk at home from a mobile or landline, retaining all of the callers COS and DX features.
	Network ACD Operation	Enable your company to work as a virtual network by allowing agents to reside anywhere in the public network.
	Enhanced CLI	Overcome the problem of anonymous call rejection by enhancing the way CLI is presented to your customers.
6.3	ACD Agent Groups	Agent group numbers have increased to 255, for increased flexibility and customer service
	Recorded Announcement Devices (RAD)	Maximum number of recorded announcement devices increased to five, improving flow of information.
	Computer Telephony Integration	Combining the power and flexibility of DX with your IT system helps your business to provide new services, increase productivity and enhance cost efficiency.
	Call Bridge DX 6.3 and Applications Programming Interfaces (API)	Call Bridge DX 6.3 enables the Realitis DX to inter-work with your back office computer system. Supporting the ProCenter delivered applications, CallBridge DX 6.3 can also be used to develop tailor-made applications for specific requirements
6.2	Optiset E Range of Telephones	Comprehensive range of two wire digital telephones offering more functionality through a multitude of adapters.
	Flexible Operator Answering	Allows one operator group to overflow to another when a pre-set number of calls are reached. Call flow management is thus ensured.
6.1	Slot Flexibility	Self reconfiguration on site with Linecards reducing reconfiguration costs.
	Ethernet Interface & Centralised Management	LAN access to the DX for application support of CTI, call information logging, etc.
	Pull Diversion	Enablement of call pulling to the nearest phone essentially reducing lost calls.
	Virtual Numbers	Non-dedicated phone numbers to enable hotdesking, and location independent working
	Malicious Call Trace	Uses Euro ISDN standards to call trace nuisance callers and keeps a record of the callers' number.
	Operator Queue Recorded Announcements	A series of messages can now be recorded and delivered to callers during peak times.
	QSIG European Network Standard	QSIG standards have been introduced providing basic call and data support along with CLI.

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5.1 and below	Least Cost Routing	Automatically routes national and international calls to the lowest cost carrier, potentially providing cost savings to your business.
	Voice Messaging	Calls can be diverted to a message service if the extension is busy or no reply, improving communications both internally and externally.
	Computer Telephony Integration	Allows telephones and computers to be linked together providing a range of integrated business applications to increase the efficiency of call handling.
	ISDN	Enables video conferencing to the desktop, making communication between companies more cost effective
	Multi Tenancy	Allows a number of businesses / divisions to occupy the same switch but have independent numbering plans.