

## Upgrade your DX from Software revision 8 (and application packs)

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, freeing up the phone.

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	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.
<b>8.0.031 (Revision 8 Application Pack 3)</b>	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 <sup>nd</sup> Message Waiting Lamp	Differentiate message types by having 2 message waiting lamps on digital telephones
<b>8.0.021 (Revision 8 Application Pack 2)</b>	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.
<b>8.0.011 (Revision 8 Application Pack 1)</b>	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.