

Revision 8 *Universality* application pack 5 - features pack

For HiPath DX, HiPath DXR, iSDX
and Realitis DX systems

Application pack 5

Exclusively available to Revision 8 customers, application pack 5 will deliver powerful IP networking advantages to your business.

Application pack 5 is the fifth in the series of Revision 8 application packs.

Application packs are the new name for DX upgrades, these are custom built to ensure that your requirements are met more quickly. For the price of a single upgrade to Revision 8, you will also receive all of the previous DX software revisions - free of charge! This means that in one simple step, you could transform your existing platform, irrespective of its size or age into a leading edge, multimedia, real time IP converged communications server.

Application pack 5 core features

Peer to peer IP switching for HiPath DX Xpress IP desktop and Xpress IP trunking

The provision of full 'peer to peer switching' in the DX introduces complete interworking between the HiPath DX Xpress IP desktop and HiPath DX Xpress IP trunking across all IP desktops and IP trunks in a single IP domain. An IP domain may contain 140 IP trunking gateways across 96 DX nodes and up to 2000 IP desktop devices per node.

'Peer to peer' interworking allows a single IP hop to be established between any HiPath DX Xpress IP device within the domain. This improves speech quality as there will only be one speech compression/decompression involved in a call and only one IP to TDM conversion involved if an IP device is connected to a non IP device.

To support 'peer to peer' working, application pack 5 software for the DX is required and the latest service packs for the HiPath DX Xpress IP desktop and Xpress IP trunking gateways.

Keysystem group call deflect

If it is not convenient to immediately answer a call, it is now possible to instantly deflect the call with a single button press to either voicemail, to deal with later or to another extension within the member's keysystem group.

This is achieved by configuring two new button types, voicemail deflect and extension deflect, in the keysystem profile. A timer is used to ensure that call deflection is not activated accidentally e.g. when the key is pressed to make a call just as an incoming call arrives.

An extension deflection can be to any networked keysystem extension in the same group. The destination for a deflection to voicemail is controlled by the location of the centralised voice messaging extension.

If users require this feature, but not full keysystem working, they can be configured in a keysystem group, but only have the terminal profile populated with the deflect keys.

The feature is activated as a switch wide chargeable option. Deflections to nodes that are not at application pack 5, or have the chargeable option switched off, are possible.

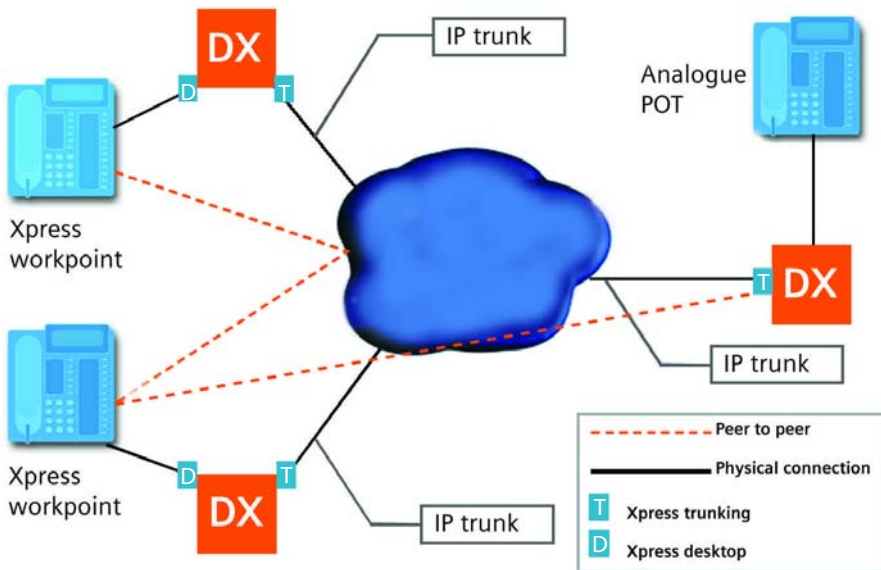
Increased number of home workers

It is now possible for every extension on a switch to be designated as a home worker. This is a significant increase from the previous value of 682 and is controlled via the chargeable options table. However, there is no charge associated with the increased number of home workers. If the HiPath Mobility Server (HMS) is used for voice prompts, there will be a change to the pricing for the additional users.

HiPath DX

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The existing pricing structure has been expanded to cater for 4096 users and simplified by reducing the number of changeable bands.

Although the maximum number of potential home workers has increased, the limits on the number of users that can be concurrently on a call is still determined by the number of available MF4 registers.

Simple Network Time Protocol (SNTP) support

Now that the DX is a hybrid IP PBX and an integral part of data networks when using IP trunking and IP desktop, it has become necessary to support the standard method of synchronising time across a network. This is the Simple Network Time Protocol (SNTP).

The time is provided in GMT by a central server, which is accessed by all network devices, and the DX can be programmed to adjust for time zones and daylight savings time.

If the DX loses contact with the central server, it will periodically try to reconnect. It will use the DX internal clock until contact is re-established when the time will be re-synchronised.

Applications connected to the DX now expect the time stamp provided with information to be the standardised network time and not the local DX time.

Daylight savings time is independent of SNTP and may be configured when the switch is using DX time.

Improved MMI for system administrators and maintainers

A number of improvements have been made to existing MMI commands and new MMI commands introduced to improve the management of the switch. The improvements are primarily concerned with the MMI commands used to configure extensions and their attributes, but there are also improvements for trunks, system abbreviated numbers and others.

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