



HiPath DX

The future of HiPath DX

The HiPath strategy – revolution through evolution.

There are over 15,000 DX (iSDX, Realitis DX, DX150E/R and HiPath DX) communication solutions in operation in the United Kingdom, all enjoying the continual product enhancements which offer real productivity benefits to customers today.

The continuation of this excellent pedigree is assured with the inclusion of the DX into the HiPath family to create the HiPath DX, benefiting from Siemens' global platform and application developments.

HiPath is the brand name for Siemens' enterprise IP architecture and is made up of gateways, call control, desktop, applications and management building blocks. Customers can use any combination of gateways and call control and deploy common desktops, applications and management across the system. This concept offers our customers choice in the development of their business, with higher added value and increased return on investment.

HiPath DX enables very low risk migration to IP convergence, with the focus on each customer's individual value expectations and business requirements. There is no one right answer – rather, the right one for each company. HiPath DX allows customers to test IP in a familiar telephony environment and role it out across their organisation at their own pace. So, customers can migrate to IP as and when they decide, according to the needs of their users, their ability to up-skill help desk support operations and financial constraints.

Recent DX development has focussed on complete software restructuring to capitalise on the large memory capacity of the new state of the art system card. This enhancement, Revision 8, means that the traditional upgrade/enhancement cycle of 18-24 months (development and launch), has been reduced to 4-16 weeks. The real benefit of this is in the ability to respond to evolving requirements as customers move into a converged telephony world.

This move to a 'data centric' processing model on the HiPath DX means that single features or applications can be deployed within hours rather than weeks. This enables customers to purchase only those features or application packs which are relevant to them – no expense is wasted on unnecessary features or applications. Additionally, improved serviceability will make the system easier for IS and telecoms departments to manage.

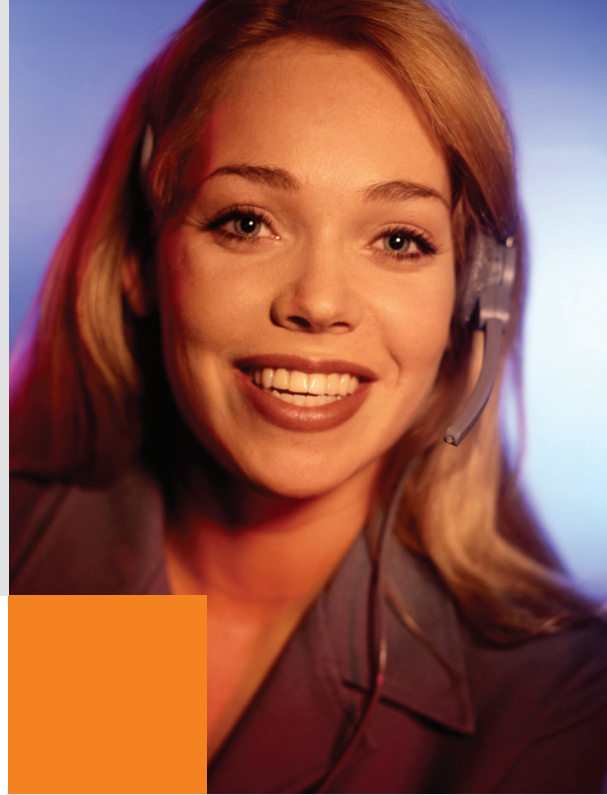
Application packs will be developed to match customer requirements and will deliver new features offering enhanced productivity and new methods of working. This will ensure customers' businesses can always be competitive in their own markets.

Thanks to the HiPath development strategy, DX customers now have access to a powerful suite of applications, such as HiPath ProCenter and Xpressions. Siemens will continue to create an environment through interfaces such as QSIG and CSTA, which will allow these and many other world leading applications to be readily installed within a DX network solution. As these applications develop, so too will the DX, through releases of dedicated application packs to facilitate any changes to the communication environment.

As a member of the HiPath family, the DX now has access to a range of highly attractive IP packet switched and TDM digital circuit switched terminals, which are common to all HiPath platforms around the world. Whether IP or traditionally connected, DX users will continue to benefit from the telephony functionality for which DX has become renowned, and will be able to take advantage of new innovative desktop devices from Siemens' global development programme.

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Global network of innovation



HiPath DX also builds upon the industry leading networking facilities of Realitis DX, with its proven ability to network over IP with no loss of traditional functionality. The coupling of these IP developments with market leading applications creates a truly converged real time IP platform to meet all requirements.

The next phase of convergence developments is 'second generation IP' (2gIP) marked by enhanced applications. This provides integration of communications with business applications and processes improving productivity, efficiency and an enterprise's supply and value chains. To meet these new market requirements, Siemens has developed the LifeWorks concept representing both their business strategy and product development plan as well as comprising the vision of the future of communications. LifeWorks bridges the existing gaps between corporate LANs, mobile telephony and fixed networks, offering real-time communications, uniform accessibility and a consistent user experience across all aspects of all networks. In addition, it involves smarter, presence based ways of working – aggregated methods that boost the productivity of individuals and workgroups while reducing stress at the workplace.

There are two core components of LifeWorks. Firstly, a software based switching system, in essence a softswitch, that administers switching data from conventional as well as IP networks. This way, the switch operates as a call control interface for all communication processes in all networks. Secondly, a survivable media gateway (SMG)

is required in the enterprise network to deliver service in the event of an IP wide area network failure. The switch and the SMG combine the reliability and quality of the PSTN with the cutting edge features of enterprise networks. HiPath DX will play a major role in the LifeWorks vision with the versatility of its networking features. HiPath DX is a highly flexible, survivable media gateway device forming a bridge between a premises oriented IP, or traditional circuit switched network, and new IP centre style network services. In order to bridge the gaps between existing communications islands, Siemens will rely heavily on open standards. Session Initiation Protocol (SIP) will be the predominant standard for interconnection of work points and servers in this new world and is a major development focus of both Siemens' fixed and mobile networking solutions. This is already underway with the release of various SIP capable desktop devices on HiPath DX.

HiPath DX customers helped to set the market standard for telephony features and networking in the UK. The investment they have made will help control their exposure to risk as they choose to migrate to a second generation IP infrastructure and applications environment using the new SIP standard for interconnect. Best of all, HiPath DX customers can do it all at their own pace.

Siemens Communications is one of the largest players in the global telecommunications industry. Siemens is the only provider in the market that offers its customers a full-range portfolio, from devices for end users to complex network infrastructures for enterprises and carriers as well as related services. Siemens Communications is the world's innovation leader in convergent technologies, products and services for wireless, fixed and enterprise networks. It is the largest Group within Siemens and operates in more than 160 countries around the world. In fiscal 2003 (year-end September 30), its 60,000-strong workforce posted sales of about 17 billion euros.

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