

DXWeb Professional

Overview

DXWeb *Professional* provides an intelligent and direct interface into a HiPath DX system via a browser. Widely deployed by Siemens customers, DXWeb Professional has a proven track record and offers network managers several business advantages.

It's user-friendly 'click and drag' browser interface, with simple commands, allows Moves, Adds and Changes to be completed quickly and easily. DXWeb *Professional* automatically downloads the current switch configuration, holds it in the central database and provides a clear and accurate picture of the HiPath DX. This allows management of your switches to be less complex and more accurate.

DXWeb *Professional* can produce cabinet maps of your HiPath DX at the touch of a button.

DXWeb Professional Modules

DXWeb *Professional* is available for the full iSDX, Realitis DX and HiPath DX range, up to the most recent Version 9. The software is licenced by either the number of DX shelves, in a single site or, by the number of sites in a larger network.

The two modules on offer are:

- Standard DXWeb *Professional* with client access software
- DXWeb *Professional* with Browser (HTML 4.1 compliant) access

DXWeb Professional Management and Reporting Features

DXWeb *Professional* provides the following key features to allow complete and up-to-date analysis and management of your HiPath DX system:

- User friendly interface providing an 'at a glance view' of installed and spare ports. This, along with simple one-page viewing of all groups, allows for more straightforward management
- Full extension, trunk and system manipulation
- Off-line MMI command-entry, for scheduling moves and changes out-of-hours across all HiPath DX's within the network
- Powerful scripts for mass moves and changes
- Browser-based (requiring no client software) with multiple access.
- Moves not only the extension, but also COS, TAC and any DSS Key assignment simultaneously
- Graphical view of the DX on your desktop, along with a complete Cab map

- Audit trail of all commands executed, by switch and user
- Fully secure access by both OSL and user ID
- Automatic fault viewing
- Siemens Certified

DXWeb Professional Value

DXWeb *Professional* optimises your voice infrastructure with immediate return on investment. Time consuming and complex switch management is avoided. More efficient use is made of current hardware, eliminating unnecessary expenditure. DXWeb allows you to concentrate on real business issues.

- Significant savings in the number of man-hours taken up by HiPath DX management and reduced training and travel costs
- Faster response to user needs
- More effective use of existing hardware
- More streamlined implementation of changes
- Improved efficiency – single centralized database across the network of HiPath DX's, simplified mass changes and reduced bandwidth utilisation
- Better service – faster response to user demands, greater accuracy and more expedient fault management
- Simple graphical interface replaces complex commands
- Online or scheduled batch moves and changes
- Windows 2000, 2003, XP and NT browser operation
- Interfaces with DSWin as well as HiPath User Manager
- Secure access for remote maintenance, removes the use of modems
- Automatic database updates from scheduled re-learns or updates and download of history log. This ensures that the most up-to-date configuration of the Switch is held in the database

DXWeb Professional environment

DXWeb *Professional* can be configured to operate in a single or multi-site environment with iSDX, Realitis DX and HiPath DX. DXWeb *Professional* can gather data from and manage up to 500 HiPath DX's, processing the data centrally. Connecting to the DX can be via a direct cable connection, LAN connection via IP address or a dial-up modem connection via RAS. This enables DXWeb *Professional* to provide both central and local management and reporting, using client or browser software.

DXWeb Professional Security

Access to DXWeb *Professional* is by User Account and Password. Each User Account (except HiPath DX ADMIN) must be individually enabled for each of the DXWeb Professional programs. Each program enables the maintenance of a particular functional area of the HiPath DX.

Each user has a DXWeb Professional access level assigned for each DXWeb Professional program. These access levels have an associated HiPath DX OSL User Level, User Access and User Password. This allows for the further restriction of access to the HiPath DX by controlling which authority level (OSL) the user will use to access the HiPath DX.

DXWeb Professional integration with other packages

DXWeb *Professional* has the facility to integrate with other applications such as:

- Siemens ACWin window console (Bi-directional)
- RingMaster call management system (allows updating of extension names, etc)
- HiPath DX History Log (allows updating of database for all the MMI not complete through DXWeb Professional)
- HiPath DX IP gateway cards. A new range of IP gateways have become available at HiPath DX Version 9. These allow seamless connectivity, via IP, to other Siemens platforms, and support the new range of optiPoint410/420 phones.
- HiPath DLS (Deployment and Licensing Server). DXWeb Professional interfaces the DX with the DLS. DXWeb Professional supplies extension information to DLS, allowing large numbers of new IP phones to be deployed quickly. DXWeb Professional is a key tool when migrating your traditional voice infrastructure into the converged world.

DXWeb Professional Web site

For more product detail visit the DXWeb *Professional* website at www.dxwebpro.com.

DXWeb *Professional* software

DXWeb *Professional* is a Windows based suite of software. Each program within the suite enables the maintenance of a particular functional area of the HiPath DX.

DX Administration

This is the main program in the DXWeb *Professional* suite. All programs used on a day to day basis are launched from DX Administration main screen.

Incorporated in the DX Administration software, are wizards for adding new HiPath DX's and new users. User access levels, which include a training level, can be configured. Access can then be restricted to some or all areas of the system.

The software is used to maintain current hardware, performance and configuration information through the use of scripts. The user can schedule scripts to run at regular intervals or at a predefined time.

Other features include a DLS database interface, allowing HiPath DX to support the HiPath Deployment Server, Security System Lock Passwords, Automatic Extension Identity and Pay As You Go settings.

DX *Professional* Maintenance

DXWeb *Professional* Database consists of many tables, each table containing information specific to the managed DX system. The DX *Professional* Maintenance program includes routines to repair and compact the database as well as enabling the user to add and delete tables and create new databases.

DX Assistant

This is a 'moves and changes' program. DX Assistant has a built in search facility that allows the user to quickly locate the commands required. In addition, the user can program up to 10 function buttons that can be activated by a simple 'click'. These function buttons could for example reset passwords or display error tables.

Note: there is no web browser functionality in DX Assistant

DX Marco Editor and DX Script Editor

This program allows the user to create and save scripts and macros that can then be used to carry out regular and repetitive tasks. Creation of new scripts and macros is simplified by the user-friendly interface, search facility and help text.

DX Scheduler

This program allows the user pre-set the timing of an event. Commands can be executed immediately or at a preset time.

DX Polling Program

This program control's DXWeb *Professional*, ensuring commands are sent to the right place at the right time.

DX View Directory

This program allows the user to create and maintain a user database and includes a powerful search facility. The program also allows the user to define an organisation's structure as well as creating templates for importing and exporting directory data.

DX View Extensions

This program allows the user to create, view and change details for extensions and extension groups, e.g. Hunt, Operator and Key system Groups. Features that relate to hot-desking and home working are set up within DX View Extensions software.

The search / sort facility means that the user is quickly able to access the specific extensions. DX View Extensions reporting facility enables the user to access a range of reports from all extensions to a specific group or a detailed report on a selected number.

DX View Faults

This program collates the fault details of each PABX and translates the fault codes into a "plain English" report.

DX Network Operations

This program allows the user to create and modify digit translation tables. Any changes made here affect the whole network, so access to this program is restricted.

DX Professional Online Help

This program provides access to the DXWeb *Professional* User documentation.

DX View Hardware

This program provides a graphical representation of the selected DX shelf layout. By selecting a specific card on a shelf, the user can access detailed information relating to that card's status and connections. The parameters that can be changed depend on the card type.

DX View Routing

This program allows the user to define and change call routing in relation to cost, availability and restrictions. This is achieved by modifying parameters such as Daily Access Patterns and Carrier Routes.

DX View System

This program provides details of and allows changes to many system, terminal and call related features.

The user is able to create Class of Service (COS) or Trunk Access Class of Service (TAC) definitions and provide each table with a unique and meaningful name. Other

editable features include speed call numbers, tenant profiles, digit translation tables, voice mail and recorded announcements.

DX View System allows the user to define Terminal layouts, Terminal Profiles and Network Keysystem Group Communities.

Call-related features such as Caller Identity Display(CLI), Alpha Tagging (Name Tagging) and Trunk Route Announcements and be viewed and changed.

DX View Trunks

This program allows the user to set up and modify the trunk configuration including parameters such as Day and Night Answer Points, incoming and outgoing characteristics and group membership.

DX Intranet

The DXWeb *Professional* 32 Internet Server allows you to modify many of the features of your DX network from an Internet Browser located anywhere on your Local Area Network.

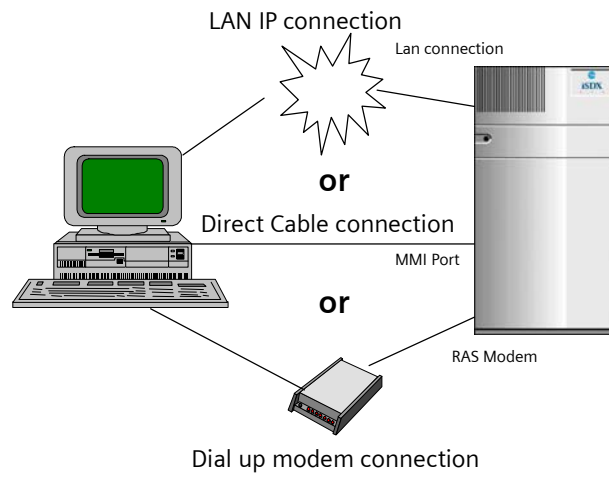
System Specification

Please note, this is the minimum system specification:

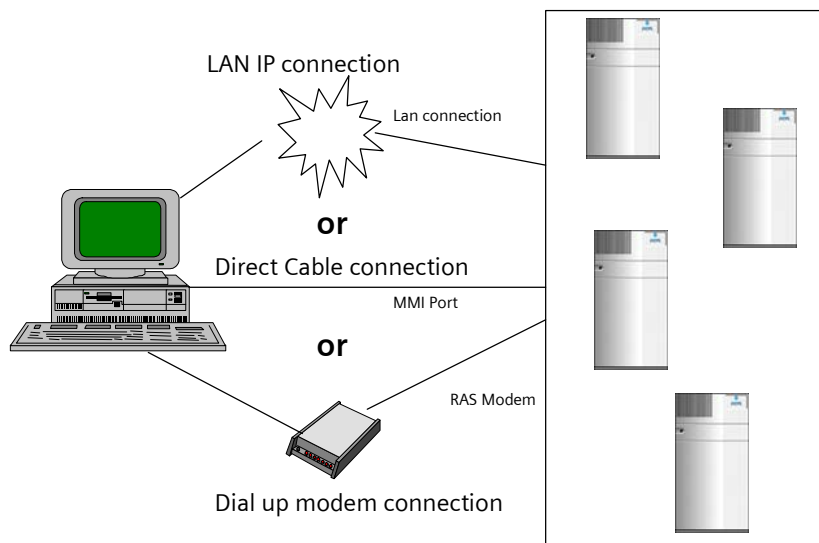
	DXWeb Pro + Web Server	Web Server Client
CPU	Pentium 400 MHz	N/A
RAM	128MB	N/A
Operating System	Window 2000,2003,XP	Any that supports a compatible browser
Web Browser	N/A	HTML 4.1 compatible with Javascript
Hard Drive	1GB of free space	N/A
CD-ROM	Required	N/A
Ethernet	Required	Required
Serial Ports	1 required if modem or direct cable connections used, or remote maintenance needed	1 required if DX Assistant is used
Modem	Required if dial-up or remote maintenance required	Required if DX Assistant is used
Installation Software	Latest DXWeb Professional installation CD	N/A
Cookie Information	Not used	Not used
Dedicated or Shared PC	If multiple switches are used, then a dedicated PC is required with a recommended 128MB of RAM and an 800MHz CPU	N/A

Configuration diagrams

DxWebPro Single Site



DxWebPro Multi-Site



DxWebPro Multi-Site, Multiple Access

