



DECprint Supervisor for Xerox laser printing systems for OpenVMS Alpha

Flexible mainframe printing for OpenVMS Alpha systems

Turn your documents into high-quality, high-impact publications. The DIGITAL DECprint Supervisor for Xerox® printers for OpenVMS Alpha (DSX) gives you access to all features and functions of the Xerox laser printing systems from the OpenVMS Alpha system. Fast, familiar, and fully integrated, DSX offers the ideal solution for processing high-volume, highlight color, customer-critical jobs such as reports, bills, or other mission-critical documents.

The DECprint Supervisor enables one or more Xerox DocuPrint™ laser printing systems — Model 4250, 4090 Model III, 4850, 4890, 4635, DP96, or DP180 — to be attached to an OpenVMS Alpha based system using Xerox's Dynamic Document Interface (DDI), a high-speed bidirectional SCSI shared disk interface for efficient transfer of print jobs and status information.

Customers moving their mainframe applications to DIGITAL UNIX® can gain high-speed printer access through the lpr/lpd interface of UNIX.

DSX supports data streams of ASCII text, Metacode, and image files, enabling you to produce high-quality documents with a mix of text, graphics, and images.

All of the supported printers' features are available to you, including highlight color, stapling, duplex, offset stacking, and integration of finishing equipment. And, with DSX, you can easily combine printer resources stored in the printer, such as fonts, signatures, logos, and forms with your data to create high-quality documents that motivate your readers to act.



Look to DIGITAL to enhance Xerox Laser

Benefits

- Migrates mainframe applications to OpenVMS and/or DIGITAL UNIX.
- Drives the Xerox laser printing systems at engine speed, giving you maximum return from your Alpha system and printer investment.
- Eliminates the need for third-party connection solutions such as Spur products and Barr systems, resulting in lower cost, higher functionality, higher performance, and a fully integrated solution.
- Develop printer resources on the OpenVMS Alpha system where familiar DIGITAL text editors and tools are available.
- Access the DSX and Xerox laser printing system from DIGITAL UNIX when the OpenVMS Alpha system is running DEC TCP/IP services for OpenVMS. Customers moving their mainframe applications to DIGITAL UNIX have high-speed printer access through the lpr/lpd interface of UNIX.
- Virtually any Xerox supported data stream prints at rated speed on the printer.
- Access the DSX and Xerox print system from networked OpenVMS systems using the Distributed Queuing System (DQS).

No need to trade tools or change the way you work

DECPrint Supervisor provides OpenVMS printing and queuing features such as forms definition, setup modules, selection of data types, and print orientation (portrait or landscape). Plus, all the standard OpenVMS print commands (Print, Define/Form, Init/Queue, Start/Queue, Stop/Queue, Set Queue, and Show Queue) are available.

Simplifies print management

DSX includes the Management and Diagnostic utility (MAD), which provides tools to manage the printer's hardware and software from the OpenVMS Alpha platform. An authorized MAD user can load, delete, modify, restore, and show the printer resources on the host system. MAD also enables you to back up the printer resources to the OpenVMS Alpha environment.

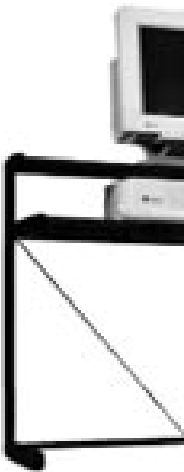
High-quality, high-impact print solutions

The DECprint Supervisor gives you access to the advanced functions and high-speed printing that Xerox laser printing systems are known for. With DSX you can produce:

- High-speed, high-quality cut sheet documents
- High-quality complex documents with a mix of text, graphics, and images
- One- and two-sided documents on a demand-print basis
- Black and white and highlight color documents
- Mission- and time-critical documents that drive the business, such as invoices and benefit booklets

DSX supports four (4) types of data streams: ASCII text, image, Line Conditioned Data Stream (LCDS), and Metacode (Xerox DDI compatible in 512-byte blocks), enabling you to produce high-quality documents with a mix of text, graphics, and images. It also supports PostScript® capabilities through a third-party supplier.

All supported printers print at 300 x 300 dpi for extremely high-quality text, graphics, and images. The 4635 prints at 300 x 300 interpolated to 600 x 600 dpi output. Highlight color provides one additional color (10 choices) to add emphasis and attract the eye to specific information.



AND DELIVER

Printing Systems

Standard user interfaces

DSX supports printing of complex pages, forms, and graphics through standard OpenVMS interfaces, such as the PRINT command and the DECwindows Print Widget. You can access features through the command line or through the standard OpenVMS print API.

Consistent, reliable printing on Xerox laser printing systems

The DECprint Supervisor comprises the OpenVMS print symbiont, support software utilities, and interface software for the shared disk interface.

- The DECprint Supervisor allows you to print documents and reports efficiently and reliably on Xerox laser printing systems connected to the OpenVMS Alpha system through a SCSI bus interconnect.

- The Management and Diagnostic utility (MAD) allows you to manage print resources and to troubleshoot the host-to-printer interconnect.

- Driver software communicates with the printer through a SCSI channel to a shared disk subsystem.

- Device control modules provide access through JDLs, JDEs, and DJDEs to functions in the Xerox laser printing systems.

- The included Xerox print resources, such as forms and print job libraries, allow you to install and print documents with minimal familiarity with Xerox internals.



RELIABLE, EFFICIENT PRINTING PERFORMANCE



The most advanced features

DECprint Supervisor software supports the following:

- The DCL PRINT command and qualifiers
- Simplex and duplex printing
- Portrait and landscape printing
- Highlight color on printers so equipped
- Page imposition (number up) of up to four page images per side
- Offset stacking of print sets
- Forms
- JDLs, JDEs, and DJDEs from the command line or through the device control library and the DEFINE/FORM command
- Communication through a shared disk on a dedicated SCSI channel, providing high-speed transfer (5 MB per second) of print jobs to the printer and printing at the rated speed of the Xerox laser printing systems
- Downloading of printer resources from the OpenVMS Alpha system to the printer using the Management and Diagnostic utility (MAD)
- Uploading printer resources from the printer to the OpenVMS Alpha system using the Management and Diagnostic utility (MAD) for the purposes of modifying or backing up the resources

Your choice of Xerox printers

A broad range of Xerox DocuPrint laser printing system printers are supported:

- 4250 black-and-white printer, 50 ppm
- 4850 highlight color printer, 50 ppm
- 4090 Model III black-and-white printer, 92 ppm
- 4890 highlight color printer, 92 ppm
- 4635 black-and-white printer, 135 ppm
- DP96 black-and-white printer, 96 ppm
- DP180 black-and-white printer, 180 ppm

Software requirements and options

For all systems, you need the OpenVMS Alpha operating system, V6.1 or later.

Distributed Queuing system (DQS) Version 1.3 for OpenVMS is recommended when the system that DSX is running is dedicated to driving one or more Xerox laser printing systems. This allows networked OpenVMS systems with DQS to transparently send print jobs to the system with DSX installed.

DEC TCP/IP for OpenVMS Alpha (formerly called UCX) is recommended when systems running DIGITAL UNIX need to print to a Xerox laser printing system. TCP/IP runs in the OpenVMS system, receives print jobs from DIGITAL UNIX systems using the "lpd" protocol, and forwards them on to the OpenVMS queuing system.

For more information

For more information on DECprint Supervisor for Xerox laser printing systems, contact your DIGITAL EPPA Production Printing sales manager at 1-800-DIGITAL.

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Ordering information			
Component		Part number	
Xerox DocuPrint laser printing system	Pages per minute	Concurrent software license	Concurrent update license
4250, 4850	50	QL-5X3AA-3B	QL-5X3AA-5B
4090, 4890, 4635, DP96, DP180	90 and up	QL-3Q0AA-3B	QL-3Q0AA-5B
Migration from 50 ppm to higher		QL-5X4AA-5B	
Software			
Software media (CD-ROM)		QA-3Q0AB-H8	
Software Documentation Kit		QA-3Q0AA-GZ	
Software product services		QT-3Q0A*-*	

*Denotes variant fields.

