



# Software Product Description

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**PRODUCT NAME:** DIGITAL Device Access Software for Siemens 3964 V3.1  
60.47.04

**SPD**

## DESCRIPTION

The DIGITAL Device Access Software (DAS) for Siemens 3964 allows both BASEstar Open users and DEComni applications to access Siemens 3964 devices using the 3964[R] or 3964[R]\_RK512 protocol.

The DAS also allows a DIGITAL system to emulate one or more Siemens 3964 devices. In this way, a DIGITAL system can fulfill requests coming from 3964 remote devices.

BASEstar Open Data Services provide device independent access to shop floor data allowing users to access data on a Siemens 3964 device simply by getting and putting the value of one or more Device\_Data\_Points. A request to locally-emulated devices can generate an unsolicited event.

DEComni API applications can perform a variety of device access functions through the DEComni MMS-oriented Application Programming Interface (API).

Using BASEstar Open Data Services or the DEComni API, users or applications can:

- Exchange data messages with Siemens devices (3964[R] protocols)
- Perform direct or named access to Siemens devices memory blocks (3964[R]\_RK512 protocols).

The DAS supports only point-to-point RS232 connections.

On OpenVMS and DIGITAL UNIX platforms, the DAS supports both direct and LAT connections to the device. On Windows NT platforms, the DAS supports direct connections only.

## SUPPORTED VERSIONS

This SPD covers the following versions of the DAS for Siemens 3964:

- DIGITAL Device Access Software for Siemens 3964 for DIGITAL UNIX Version 3.1
- DIGITAL Device Access Software for Siemens 3964 for OpenVMS VAX Version 3.1
- DIGITAL Device Access Software for Siemens 3964 for OpenVMS Alpha Version 3.1
- DIGITAL Device Access Software for Siemens 3964 for Windows NT Version 3.1

## HARDWARE REQUIREMENTS

### Processors Supported

The processors supported by the following products will also support the DAS for Siemens 3964:

- BASEstar Open Server Development & Runtime for DIGITAL UNIX Version 3.1
- BASEstar Open Server Development & Runtime for OpenVMS Alpha Version 3.1
- BASEstar Open Server Development & Runtime for OpenVMS VAX Version 3.1
- BASEstar Open Server Development & Runtime for Windows NT Version 3.1
- DEComni API for DIGITAL UNIX Version 3.1
- DEComni API for OpenVMS Alpha Version 3.1
- DEComni API for OpenVMS VAX Version 3.1

**Other Hardware Required**

Your system must be equipped with the hardware required to support a RS232 connection (direct or via a terminal server) to the Siemens devices.

**Disk Space Requirements**

For DIGITAL UNIX kits:

- Disk space required for installation: 1,500 KB
- Disk space required for use (permanent): 1,500 KB

For OpenVMS VAX and Alpha kits:

- Disk space required for installation (if BASEstar Open is installed): 3,000 blocks
- Disk space required for permanent use (if BASEstar Open is installed): 2,000 blocks

For Windows NT kits:

- Disk space required for installation: 200 KB
- Disk space required for use (permanent): 100 KB

These values refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

**SOFTWARE REQUIREMENTS****For DIGITAL UNIX Systems**

- DIGITAL UNIX Operating System Version V3.2, V4.0
- BASEstar Open Server for DIGITAL UNIX Version 3.1 or DEComni API for DIGITAL UNIX Version 3.1 (including DASware V3,1)
- OSFLAT for DIGITAL UNIX (for connections via terminal server)

**For OpenVMS Alpha Systems**

- OpenVMS Alpha Operating System Version 6.1, 6.2, 7.0, 7.1
- BASEstar Open Server for OpenVMS Alpha Version 3.1 or DEComni API for OpenVMS Alpha Version 3.1 including DASware
- LAT for OpenVMS (for connections via terminal server)

**For OpenVMS VAX Systems**

- OpenVMS VAX Operating System Version 6.1, 6.2, 7.0, 7.1
- BASEstar Open Server for OpenVMS VAX Version 3.1 or DEComni API for OpenVMS VAX Version 3.1 including DASware

**For Windows NT Systems**

- Windows NT Operating System Version 3.5, 3.51, 4.0
- BASEstar Open Server Development or Runtime for Windows NT Version 3.1

**DISTRIBUTION MEDIA***For DIGITAL UNIX*

This product is available on CD-ROM.

*For OpenVMS Alpha*

This product is available on CD-ROM.

*For OpenVMS VAX*

This product is available on CD-ROM and TK50 Streaming Tape.

*For Windows NT*

This product is distributed on BASEstar Open Server for Windows NT Consolidated Software Distribution and on RX23 floppy diskettes for both Alpha & Intel platforms.

**ORDERING INFORMATION**

	DIGITAL UNIX	OpenVMS Alpha	OpenVMS VAX	Windows NT	HP-UX
Software Media	QA-5SRAA-H8 <sup>1</sup>	QA-5SRAB-H8 <sup>2</sup>	QA-5SRAC-H8 <sup>3</sup>		
Software Licenses	QL-4NLA9-**	QL-4NMA9-**	QL-4NNA9-**	QM-4NPAA-AA	QL-52JAX-AA
Doc. Kit	QA-4NPAA-GZ	QA-4NPAA-GZ	QA-4NPAA-GZ	QA-4NPAA-GZ	QA-52JAX-AA
Doc. Kit + Media			QA-4NNAH-H5		
PC Package (Media, Lic. Doc.)				QB-4NPAA-SA	
Software Product Services	QT-4NL**-**	QT-4NM**-**	QT-4NN**-**	QT-4NP**-**	QT-52J**-**

<sup>1</sup>The DIGITAL DAS for Siemens 3964 product kit is included in the BASEstar Open Server for DIGITAL UNIX Consolidated Software Distribution.

<sup>2</sup>The DIGITAL DAS for Siemens 3964 product kit is included in the BASEstar Open Server for OpenVMS Alpha Consolidated Software Distribution.

<sup>3</sup>The DIGITAL DAS for Siemens 3964 product kit is included in the BASEstar Open Server for OpenVMS VAX Consolidated Software Distribution.

**SOFTWARE LICENSING**

This software is furnished under the licensing provisions of DIGITAL Equipment Corporation's Standard Terms and Conditions. For more information about DIGITAL licensing terms and policies, contact your local DIGITAL office.

The product supports the License Management Software. For the OpenVMS VAX and Alpha versions the OpenVMS License Management Facility is used, whilst on DIGITAL UNIX, the DIGITAL UNIX License Management Facility is used. For the Windows NT version, DIGITAL licensing policies for PC software apply.

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™ Windows NT is a registered trademark of Microsoft Corporation.

™ Siemens 3964 is a trademark of Siemens.

® HP-UX is a trademark of Hewlett-Packard Company.

**DOCUMENTATION**

The product provides a user guide for installing the product on the supported platforms, and for configuring and using the product through BASEstar Open services or the DEComni API.

**SOFTWARE PRODUCT SERVICES**

A variety of service options are available from DIGITAL. For more information, contact your local DIGITAL office.

**SOFTWARE WARRANTY**

This software is provided by DIGITAL with a 90 day conformance warranty in accordance with the DIGITAL warranty terms applicable to the license purchase.

The above information is valid at time of release. Please contact your local DIGITAL office for the most up-to-date information.

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