digital™

Software Product Description

PRODUCT NAME: DIGITAL Device Access Software for Allen-Bradley INTERCHANGE V3.1 SPD 54.72.02

DESCRIPTION

The DIGITAL Device Access Software (DAS) for Allen-Bradley INTERCHANGE allows both BASEstar Open users and DEComni applications to access data table memory and shared data memory on Allen-Bradley PLCs.

BASEstar Open Data Services provide device independent access to shop floor data allowing users to access data on an Allen-Bradley PLC simply by getting and putting the value of one or more Device_Data_Points. DEComni applications can perform a variety of device access functions through the DEComni Application Programming Interface (API).

Users or applications can use BASEstar Open Data Services or the DEComni API to:

- Send read and write commands to Allen-Bradley devices
- Receive unsolicited write commands from Allen-Bradley devices.

The DIGITAL DAS for Allen-Bradley INTERCHANGE supports the following Allen-Bradley PLCs:

- Allen-Bradley PLC_5, PLC_3, PLC_2, and SLC_500 families
- Allen-Bradley PLC_5_250

SUPPORTED VERSIONS

This SPD covers the following versions of the DAS for Allen-Bradley INTERCHANGE:

- DIGITAL Device Access Software Allen-Bradley INTERCHANGE for DIGITAL UNIX Version 3.1
- DIGITAL Device Access Software for Allen-Bradley INTERCHANGE for OpenVMS VAX Version 3.1
- DIGITAL Device Access Software for Allen-Bradley INTERCHANGE for OpenVMS Alpha Version 3.1

HARDWARE REQUIREMENTS

Processors Supported

The processors supported by the following products will also support the DAS for Allen-Bradley INTERCHANGE:

- 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
- 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 for connection to the Ethernet LAN to which Allen-Bradley PLCs are attached.

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Disk Space Requirements

For DIGITAL UNIX kits:

- Disk space required for installation: 1500 KB
- Disk space required for use (permanent): 1500 KB

For OpenVMS VAX and Alpha kits:

- Disk space required for installation: 3,000 blocks
- Disk space required for permanent use: 1,000 blocks

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 Software

- 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

Allen-Bradley Software

- INTERCHANGE software for DIGITAL UNIX

For OpenVMS Alpha Systems

DIGITAL Software

- 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

Allen-Bradley Software

- INTERCHANGE software for OpenVMS

For OpenVMS VAX Systems

DIGITAL Software

- 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)

Allen-Bradley Software

- INTERCHANGE software for OpenVMS

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.

ORDERING INFORMATION

	DIGITAL UNIX	OpenVMS Alpha	OpenVMS VAX
Software Media	QA-5SRAA-H8[1]	QA-5SRAB-H8[2]	QA-5SRAC-H8[3]
Software Licenses	QL-53TA9-AA	QL-3PWA9-AA	QL-3PXA9-AA
Doc. Kit	QA-3PWAA-GZ	QA-3PWAA-GZ	QA-3PWAA-GZ
Doc. Kit + Media			QA-3PXAA-H5
Software Product Services	QT-53T**-**	QT-3PW**-**	QT-3PX**-**

[1]The DIGITAL DAS for Allen-Bradley INTERCHANGE product kit is included in the BASEstar Open Server for DIGITAL UNIX Consolidated Software Distribution.

[2]The DIGITAL DAS for Allen-Bradley INTERCHANGE product kit is included in the BASEstar Open Server for OpenVMS Alpha Consolidated Software Distribution.

[3]The DIGITAL DAS for Allen-Bradley INTERCHANGE 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.

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

Warranty for this software product is provided by DIGITAL with the purchase of a license for the product as defined in the Standard Terms & Conditions relating to SPDs. 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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