Software Product Description

PRODUCT NAME: VS11-VAX Driver, Version 2.5   **SPD 25.45.07**

DESCRIPTION

The VS11-VAX Driver provides all the I/O services required for communication between a VAX host and a VS11 graphics subsystem.

The VS11-VAX Driver enables the user to communicate with the VS11 using the QIO executive directive in a MACRO assembly language program or a VAX FORTRAN program.

Features

• Execution of a display file containing VS11 specific graphics instructions

• On-demand use of an auxiliary memory segment that contains VS11 instructions, providing extended addressing to the VS11

• Reading back of the four VS11 device registers

• Execution of STOP/RESUME display file

• Waiting for an interrupt that will be generated when the VS11 joystick switch is pressed

• Specifying the QIO complete timeout parameter for display file execution QIOs

INSTALLATION

Only experienced customers should attempt installation of this product. DIGITAL recommends that all other customers purchase DIGITAL's Installation Services. These services provide for installation of the software product by an experienced DIGITAL Software specialist.

HARDWARE REQUIREMENTS

VAX configuration as specified in the System Support Addendum (SSA 25.45.07-x).

SOFTWARE REQUIREMENTS *

VMS Operating System

* Refer to the System Support Addendum for availability and required versions of prerequisite/optional software (SSA 25.45.07-x).

ORDERING INFORMATION

Software Media: QA-S28A*-**
Software Documentation: QA-S28AA-GZ

* Denotes variant fields. For additional information on available licenses, services and media refer to the appropriate price book.

SOFTWARE LICENSING

License for this software is included with purchase of the hardware.

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

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 Software Warranty Addendum.

System Support Addendum

PRODUCT NAME: VS11-VAX Driver, Version 2.5   **SSA 25.45.07-A**

HARDWARE REQUIREMENTS

Processors Supported

VAX: VAX-11/730, VAX-11/750, VAX-11/780

System configuration with one of the following VS11 configurations:

- VS11-FA
- VS11-FC
- VS11-FP
- VS11-FS

- VS11-FB
- VS11-FD
- VS11-FR
- VS11-FT

Processors not Supported

MicroVAX Processors

VAXstation Processors

VAX: VAX 6210, VAX 6220, VAX 6230, VAX 6240, VAX 6310, VAX 6312, VAX 6320, VAX 6330, VAX 6333, VAX 6340, VAX 6350, VAX 6360, VAX 8200, VAX 8250, VAX 8300, VAX 8250, VAX 8300, VAX 8350, VAX 8500, VAX 8530, VAX 8550, VAX 8600, VAX 8650, VAX 8700, VAX 8800, VAX 8810, VAX 8820, VAX 8830, VAX 8840, VAX 8842, VAX 8974, VAX 8978

VAX-11/725, VAX-11/782

VAXserver: VAXserver 3300, VAXserver 3400, VAXserver 3500, VAXserver 3600, VAXserver 3602, VAXserver 6210, VAXserver 6220, VAXserver 6310, VAXserver 6320

Processor Restrictions

An R80/RL02 configuration is required for VAX-11/730 systems.

Block Space Requirements (Block Cluster Size = 1):

Block Space required for installation: 1000 blocks
(1126.4K bytes)

Block Space required for permanent use: 1700 blocks
(870.4K bytes)

These counts 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 selected.

OPTIONAL HARDWARE

None

CLUSTER ENVIRONMENT

This product is not supported in a VAXcluster environment. It is intended for use on a single, non-clustered VAX system.

SOFTWARE REQUIREMENTS

VMS Operating System V5.0 - V5.0-2

For VMS V5.x systems, the following VMS classes are required for full functionality of this layered product:

- VMS Required Saveset

For more information on VMS classes and tailoring, refer to the VMS Operation System Software Product Description (SPD 25.01.xx)

OPTIONAL SOFTWARE

VAX FORTRAN V4.7

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the minimum hardware requirements for the current version.

DISTRIBUTION MEDIA

Tape: 9 Track 1600 BPI Magtape

ORDERING INFORMATION

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Software Documentation: QA-S28AA-GZ

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