System Support Addendum

PRODUCT NAME: **VAX REAL-TIME ACCELERATOR SOFTWARE, Version 2.0A** **SSA 29.43.02-A**

HARDWARE REQUIREMENTS

Processors Supported

VAX: VAX 6000 Model 200 Series, VAX 6000 Model 300 Series, VAX 6000 Model 400 Series

VAX 8200, VAX 8250, VAX 8300, VAX 8350, VAX 8500, VAX 8530, VAX 8550, VAX 8700, VAX 8800, VAX 8810, VAX 8820, VAX 8830, VAX 8840, VAX 8842, VAX 8974, VAX 8978

Processors Not Supported

VAX: VAX 8600, VAX 8650

VAX-11/725, VAX-11/730, VAX-11/750, VAX-11/780, VAX-11/785, VAX-11/782

MicroVAX, VAXstation, VAXserver

A minimum system configuration includes:

- One VAXBI-based VAX host system
- One KA800-M real-time VAX processor
- One RA series disk
- 4 MB VMS host system memory
- One TU80, TU81, or TK50

Disk Space Requirements (Block Cluster Size = 1):

Disk space required for installation: 5,000 blocks (2.57M bytes)

Disk space required for use (permanent): 4,200 blocks (2.15M 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 environment, configuration, and software options.

OPTIONAL HARDWARE

Any valid VAXBI adapter except the DWBUA

- MS800-EA — KA800 extension memory board
- CK-KA800-LN — 15 FT console line for KA800
- MS820-BA — 4 MB ECC VAXBI memory
- MS820-CA — 16 MB ECC VAXBI memory
- H9642/BA32-BA — 12 Slot VAXBI Expander Cabinet
- H9657 — 24 Slot VAXBI Expander Cabinet

The KA800 can be used to directly control any valid VAXBI adapter except the DWBUA. This can include adapters supplied by vendors who are licensed by Digital to produce VAXBI adapters. If no VAXELN driver is supplied by Digital, the customer is responsible for the VAXELN driver used. The KA800 can be physically configured with any valid VAXBI adapter in the same backplane; except the DWBUA which must be installed on a separate VAXBI backplane. (Exception: In VAX 82xx and 83xx systems the DWBUA and KA800 can coexist on the same VAXBI backplane).

CLUSTER ENVIRONMENT

This layered product is fully supported when installed on any valid and licensed VAXcluster* configuration without restrictions. The *HARDWARE REQUIREMENTS* sections of this product's Software Product Description and System Support Addendum detail any special hardware required by this product.

* V5.x VAXcluster configurations are fully described in the VAXcluster Software Product Description (29.78.xx) and include CI, Ethernet, and Mixed Interconnect configurations.

SOFTWARE REQUIREMENTS

Operating System

VMS Operating System V5.3

Layered Products

VAXELN Toolkit V4.0

VMS Tailoring

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

- VMS Required Saveset
- Network Support
- Programming Support
- System Programming Support
- Utilities

OPTIONAL SOFTWARE

Use of the VAXELN remote debugger and the development of applications on the host processor require the VAXELN Toolkit at a minimum of V4.0 to be installed on the system.

Application development is done on a VMS host processor, but the application may have code running on both the VMS host processor and the VAXELN real-time processor. The following table specifies the supported versions of optional software required for each runtime environment.

Application Runtime Environment

Under VMS V5.x	**Under VAXELN V4.x**
VAX C V3.1	VAX C V2.0-2 - V3.1
VAX FORTRAN V5.3	VAX FORTRAN V4.4 - V5.3
VAX PASCAL V3.9	EPASCAL (See **Note**)
VAX Ada V2.0	VAX Ada V2.0 and VAXELN Ada V2.0 or VAX Ada V1.4 - V2.0 and VAXELN Ada V2.0

Note: EPASCAL is included with the VAXELN Toolkit.

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

Tape: 9-track 1600 BPI Magtape (PE), TK50 95 Mbyte Cartridge Tape

This product is also available as part of the VMS Consolidated Software Distribution on CDROM.

ORDERING INFORMATION

Software Licenses: QL-VJNA*-**
Software Media: QA-VJNA*-**
Software Documentation: QA-VJNAA-GZ
Software Product Services: QT-VJNA*-**

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

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