System Support Addendum

PRODUCT NAME: VAX-11 RSX, Version 2.5 **SSA 26.73.07-B**

HARDWARE REQUIREMENTS

Processors Supported

VAX:	VAXft 3000 Model 310
	VAX 4000 Model 300
	VAX 6000 Model 200 Series, VAX 6000 Model 300 Series, VAX 6000 Model 400 Series, VAX 6000 Model 500 Series
	VAX 8200, 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 9000 Model 210, VAX 9000 Model 410
	VAX-11/730, VAX-11/750, VAX-11/780, VAX-11/785
MicroVAX:	MicroVAX II, MicroVAX 2000, MicroVAX 3100, MicroVAX 3300, MicroVAX 3400, MicroVAX 3500, MicroVAX 3600, MicroVAX 3800, MicroVAX 3900
VAXstation:	VAXstation II, VAXstation 2000, VAXstation 3100 Series, VAXstation 3200, VAXstation 3500, VAXstation 3520, VAXstation 3540
VAXserver:	VAXserver 3100, VAXserver 3300, VAXserver 3400, VAXserver 3500, VAXserver 3600, VAXserver 3602, VAXserver 3800, VAXserver 3900
	VAXserver 6000-210, VAXserver 6000-220, VAXserver 6000-310, VAXserver 6000-320, VAXserver 6000-410, VAXserver 6000-420, VAXserver 6000-510, VAXserver 6000-520

Processors Not Supported

MicroVAX I, VAXstation I, VAX-11/725, VAX-11/782, VAXstation 8000

Processor Restrictions

The PDP-11 compatibility mode instruction subset is emulated in software on all processors except the following, which provide compatibility mode in hardware:

VAX-11/730, VAX-11/750, VAX-11/780, VAX-11/785, VAX 8600, and VAX 8650

The performance of the software emulator is highly dependent on the type of application being run and the amount of memory available. In general, however, applications will take significantly longer to execute under the software emulator as compared to their execution in hardware compatibility mode on the VAX-11/780.

Other Hardware Required

A minimum memory of 2 Mbytes is required. However, 4 Mbytes or more may be necessary to achieve satisfactory performance with some applications.

Block Space Requirements (Block Cluster Size = 1):

Without the PDP-11 instruction set emulator

Disk space required for installation:	8,500 blocks (4,352 kbytes)
Disk space required for use (permanent):	7,000 blocks (3,584 kbytes)

With the PDP-11 instruction set emulator

Disk space required for installation:	12,200 blocks (6,246 kbytes)
Disk space required for use (permanent):	10,700 blocks (5,478 kbytes)

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.

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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 (SPD 29.78.xx) and include CI, Ethernet, and Mixed Interconnect configurations.

Note: Files-11 structure Level 1 (ODS-1) disks cannot be shared between nodes in a cluster.

SOFTWARE REQUIREMENTS

VMS Operating System V5.0–V5.4

Note: VAX-11 RSX, prior to Version 2.4, is not supported on VMS V5.0.

Restriction

Use of the MCR SET /UIC=[g,m] command requires a VMS V5.4 system. System and network generation of RSX-11M, RSX-11S, and RSX-11M-PLUS also require VMS V5.4 because they use the SET /UIC=[g,m] command.

VMS Tailoring

VAX-11 RSX does not require any of the tailorable VMS classes in order to run compatibility mode tasks. However, certain features of VAX-11 RSX and certain MCR commands do require some of the tailorable VMS classes, as described below.

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

- System Programming Support
  Required in order to access RSX-compatible disks (Files-11 On-Disk Structure Level 1).
- Secure User's Environment
  Required in order to spool listing files from the VAX-11 RSX utilities (by using the /SP switch).

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

OPTIONAL SOFTWARE

The following optional software products require VAX-11 RSX as a prerequisite for being generated or run on VAX systems. Not all of these products are supported on all VAX system configurations. Consult the individual product's Software Product Description (SPD) for the supported system configurations and the required versions of the optional software. Not all products are supported for generation or execution on VAX-11 RSX. Consult the individual product's SPD to verify any additional requirements or restrictions that may be applicable.

- DECnet-11M, V4.5 (network generation only)
- DECnet-11M-PLUS, V4.3 (network generation only)
- DECnet-11S, V4.5 (network generation only)
- FORTRAN IV/VAX to RSX, V2.8
- PDP-11 C for VMS, V1.0*
- PDP-11 DATATRIEVE/VAX, V3.3
- PDP-11 FORTRAN-77/VAX to RSX, V5.4
- PDP-11 Symbolic Debugger/VAX to RSX, V2.1
- RSX-11M, V4.6 (system generation only)
- RSX-11S, V4.6 (system generation only)
- RSX-11M-PLUS, V4.3 (system generation only)

* This product requires VAX-11 RSX to link and run a task, however, compilation is supported directly in the native VMS environment.

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

Tape: 9-track 1600 BPI Magtape (PE), TK50 Streaming Tape

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

ORDERING INFORMATION

Software Licenses: QL-382A*-**
Software Media: QA-382A*-**
Software Documentation: QA-382A*-GZ
Software Product Services: QT-382A*-**

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

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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