System Support Addendum

PRODUCT NAME: VAX APL, Version 4.0 **SSA 25.31.11-A**

HARDWARE REQUIREMENTS

Processors Supported

VAX: VAXft 3000-310,
VAX 4000 Model 200,
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 9000 Model 210, VAX 9000 Model 400 Series

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 4000 Model 200, VAXserver 4000 Model 300

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

Disk Space Requirements (Block Cluster Size = 1):

Disk space required for installation:	7,000 blocks (3,584K bytes)
Disk space required for use (permanent):	5,000 - 5,300 blocks (2,560K - 2,714K 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.

Memory Requirements for DECwindows Support

The minimum supported memory for this application running in a standalone DECwindows environment with both the client and server executing on the same system is 10 MB.

The minimum memory support is 10 MB. However, the use of this software in conjunction with increased memory capability improves performance especially where large data arrays are being processed. The memory size suggested for most typical hardware configurations is at least 16 MB.

OPTIONAL HARDWARE

Floating point intensive applications should be run on configurations with the appropriate hardware support for the floating point data types being used. Consult the Base Operating System SPD for the Floating Point Accelerator or other floating point hardware appropriate for the configuration.

For VAX APL HPO (High Performance Option): Any VAX that can support the Vector Processor Module FV64A-AA/FV65A-AA for VAX 6000 and KV900-AA for the VAX 9000.

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Terminal Support

VAX APL supports the APL character set on the following terminals:

- VT320
- VT330
- VT340
- VT220
- VT240
- VAXstation

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

VAX APL

For Systems Using Terminals (No DECwindows Interface):

- VMS Operating System V5.4

For Workstations Running VWS:

- VMS Operating System V5.4
- VMS Workstation Software V4.3

For Workstations Running DECwindows:

- VMS Operating System V5.4 (and necessary components of VMS DECwindows)

This product may run in either of the following ways;

Stand-alone execution - running the X11 display server and the client application on the same machine.

Remote execution - running the X11 display server and the client application on different machines.

VMS DECwindows is part of the VMS Operating System but may be installed separately. Installation of VMS DECwindows gives you the option to install any or all of the following three components:

- VMS DECwindows Compute Server (Base kit; includes runtime support)
- VMS DECwindows Device Support
- VMS DECwindows Programming Support

For stand-alone execution, the following DECwindows components must be installed on the machine:

- VMS DECwindows Compute Server
- VMS DECwindows Device Support

For remote execution, the following DECwindows components must be installed on the machine:

Server Machine

- VMS DECwindows Compute Server
- VMS DECwindows Device Support

Client Machine

- VMS DECwindows Compute Server

VAX APL HPO (High Performance Option)

- VAX APL Version 4.0
- VAX APL HPO Version 4.0

VMS Tailoring

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

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

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

OPTIONAL SOFTWARE

None

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

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

VAX APL

Software Licenses: QL-020A*-**
Software Media: QA-020A*-**
Software Documentation: QA-020AA-GZ
Software Product Services: QT-020A*-**

VAX APL HPO (High Performance Option)

Software Licenses: QL-XAAA*-**

* 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.

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