System Support Addendum

PRODUCT NAME: VAX FMS, Version 2.4 **SSA 26.10.12-B**

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 8600, VAX 8650, VAX 8700, VAX 8800, VAX 8810, VAX 8820, VAX 8830, VAX 8840, VAX 8842, VAX 8974, VAX 8978

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 6000-310, VAXserver 6000-410, VAXserver 6000-420

Processors Not Supported

VAX: VAX-11/725, VAX-11/782

MicroVAX: MicroVAX I

VAXstation: VAXstation I, VAXstation 8000

Other Hardware Required

A minimum of one megabyte of memory is required on MicroVAX and VAXstation processors. If performance is a significant consideration, additional memory is recommended.

For MicroVAX 3500/3600 and VAXserver 3500/3600/3602 Systems:

- One TK70 tape drive for installation of the software

For MicroVAX and VAXstation Systems:

- One TK50 tape drive for installation of the software

For all other VAX Systems:

- One 9-track 1600 BPI magnetic tape unit for installation of the software

Terminal Requirements

Digital Terminal Support

A VT100, VT200, or VT300-compatible terminal is required for the creation of forms of up to 23 lines using the interactive form editing facility. A VAXstation is required for the creation of long forms of up to 54 lines in 80-column mode or 63 lines in 132-column mode using the interactive form editing facility. Forms of up to 254 lines in length can be created on any terminal with the Form Language. The form test facility and application programs that use VAX FMS can execute on VT52, VT100, VT200, and VT300-compatible terminals. Long forms of up to 54 lines in 80-column mode and 63 lines in 132-column mode can only be displayed on VAXstations. Long forms of greater than 63 lines cannot be displayed on any terminal, but may be printed. Refer to the following table for restrictions specific to each supported terminal, where applicable.

IBM 3270-Compatible Terminal Support

When used in conjunction with the DECnet/SNA VMS Distributed Host Command Facility (DHCF), VAX FMS can be used, with restrictions, to provide video forms support on any IBM 3270-compatible terminal supported by DHCF. The VAX FMS interactive forms editor cannot be used from a 3270-compatible terminal for the creation or modification of video forms. Creation of VAX FMS video forms from a 3270-compatible terminal can only be accomplished by using a text editor and the VAX FMS Form Language Translator. Additional hardware including a valid DECnet connection to a DECnet/SNA Gateway is required. Consult the DECnet/SNA VMS Distributed Host Command Facility Software Product Description (SPD 26.71.xx) for exact hardware and software requirements.

digital software

November 1989
AE-LT12D-TE

VAX FMS Terminal Support Table

Terminal	For Application Execution	For Form Development
VT52	See Note 1	See Note 2
VT100	See Note 1	See Note 3
VT100 w/AVO	See Note 1	See Note 3
VK100 (VT52)	See Note 1	See Note 2
VK100 (ANSI)	See Note 3	See Note 2
VT101	See Note 1	See Note 3
VT102	See Note 1	See Note 3
VT103	See Note 1	See Note 3
VT125	See Note 1	See Note 3
VT131	See note 5	See Note 5
VT180	See Note 1	See Note 3
VT220	See Note 6	See Note 6
VT240	See Note 6,7	See Note 6,7
VT241	See Note 6,7,8	See Note 6,7,8
VT320	See Note 6,12	See Note 6,12
VT330	See Note 6,12	See Note 6,12
VT340	See Note 6,8,12	See Note 6,8,12
VAXstation I	See Note 9	See Note 9
VAXstation II	See Note 9	See Note 9
VAXstation 2000	See Note 9	See Note 9
VAXstation 3200	See Note 9	See Note 9
VAXstation 3500	See Note 9	See Note 9
PC100	See Note 10	See Note 10
PC350	See Note 10	See Note 10
PC380	See Note 10	See Note 10
3270-Compatible	See Note 11	See Note 11

Notes:

1. Application execution using forms of up to 23 lines in length is fully supported.

2. The interactive form editor cannot be used on this terminal. Forms of any length up to 254 lines can be created and modified only with the Form Language.

3. Forms of up to 23 lines can be created and modified with either the interactive form editing facility or with the Form Language. Forms of greater than 23 lines and up to 254 lines can be created and modified only with the Form Language.

4. Forms to be displayed on a VK100 cannot use the following VAX FMS features:

   - Wide forms (132 columns)
   - Bold video attribute

   The visual effects will differ because the blinking and underline video characteristics on VK100 terminals are different from those on VT100 terminals.

5. The VT131 terminal is supported in VT100 mode only.

6. VT200s and VT300s are supported in VT100 and VT200/VT300 7- and 8-bit modes. VAX FMS cannot override user lockout features of the VT200 and VT300-series terminals. VT100 optional alternate character set ROMs are not available on VT200 and VT300-series terminals. Therefore, VAX FMS character sets SET1 and SET2 are not supported on VT200 and VT300-series terminals. The UK character set is not available on VT200 and VT300-series terminals when they are used in VT200 or VT300 mode (as applicable). On VT200 and VT300-series terminals, the actual character set displayed/used by VAX FMS depends on terminal setup and cannot be changed or selected by VAX FMS.

   VAX FMS applications with forms designed for use on VT100-series terminals may require code modifications when used on VT200 or VT300-series terminals because of the increased number of function keys available on the keyboards and the potential use of 8-bit characters.

7. The use of blinking, double-wide, and/or double-sized lines in VAX FMS forms displayed on a VT240 terminal can result in substantially reduced performance.

8. Use of color is not supported on these terminals.

9. VAXstations are supported in VT terminal-emulation mode only with the following additional feature. Long forms of up to 54 lines in 80-column mode or 63 lines in 132-column mode may be used in application execution and may be created and modified using the interactive form editor in form development.

10. The PC100, PC350, and PC380 are supported in VT102 mode. The PC350 is also supported in 8-bit mode.

11. These terminals are supported subject to restrictions enumerated elsewhere in this document. Additional hardware and software are required to use VAX FMS with 3270-compatible terminals. Consult the DECnet/SNA VMS Distributed Host Command Facility Software Product Description (SPD 26.71.xx) for exact hardware and software requirements and any additional restrictions.

12. The 25th Status Line is not supported on any VT300-series terminal. The mouse is not supported on the VT330 and VT340.

Block Space Requirements (Block Cluster Size = 1)

VAX FMS may be installed with or without the Sample Application Program (SAMP). The following table lists the approximate quantities of disk space used during and after installation of VAX FMS (block cluster size = 1).

	For Installation	For Use (permanent)
VAX FMS (with SAMP):		
	3,000 blocks (1,536K bytes)	2,650 blocks (1,357K bytes)
VAX FMS (without SAMP):		
	1,850 blocks (948K bytes)	1,300 blocks (666K bytes)
FMS Form Driver only:		
	350 blocks (180K bytes)	300 blocks (154K 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

Additional terminals as specified in the *HARDWARE REQUIREMENTS* section.

Any printer supported by the host operating system.

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

VMS Operating System V5.0 - V5.2

VMS Workstation Software V3.0 - V4.0 (for terminal emulation in VWS environments)

VMS Tailoring

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

- VMS Required Saveset
- 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

DECnet/SNA VMS Distributed Host Command Facility V1.2
VAX ACMS V3.1
VAX BASIC V3.3
VAX BLISS-32 Implementation Language V4.5
VAX C V3.0
VAX COBOL V4.2
VAX DATATRIEVE V4.1 - V4.2
VAX DSM V5.1
VAX FORTRAN V4.8 - V5.3
VAX PASCAL V3.7 - V3.9
VAX PL/I V3.3

Application programs that call VAX DBMS through the Standard Call Interface can use VAX FMS. VAX CDD/Plus may be used in application programs that call VAX FMS. However, storage of VAX FMS form definitions in the VAX CDD/Plus is not supported by VAX FMS.

User Action Routines may not be written in VAX DATATRIEVE.

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 Streaming Tape

ORDERING INFORMATION

Full Development and Run-time System:

Software Licenses: QL-VD7A*-**
Software Media: QA-VD7A*-**
Software Documentation: QA-VD7AA-GZ
Software Product Services: QT-VD7A*-**

Run-time-Only System:

Software Licenses: QL-VD8A*-**
Software Media: QA-VD8A*-**

* 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.