System Support Addendum

PRODUCT NAME: **VAX 3271 Protocol Emulator, Version 2.5** **SSA 25.21.13-A**

HARDWARE REQUIREMENTS

Processors supported:

The following table shows which combinations of VAX system, communications interface and communications line speed are supported configurations:

VAX System	Communications Interface	Max. No. of Interfaces	Max. Line Speed
MicroVAX:			
MicroVAX I	DPV11	1	4800 baud
MicroVAX II	DSV11	2 (4 lines)	9600 baud
	DPV11	2	9600 baud
MicroVAX 3300	DSV11-S	2 (4 lines)	19200 baud#
MicroVAX 3400	DPV11-S	2	9600 baud
MicroVAX 3500			
MicroVAX 3600			
MicroVAX 3800			
MicroVAX 3900			
VAX:			
VAX-11/725	DMF32	1	9600 baud
VAX-11/730	DUP11	1	9600 baud
	DMF32	1	9600 baud
VAX-11/750	DUP11	2	9600 baud
	DMF32	2	9600 baud
VAX-11/780	DUP11	4	9600 baud
VAX-11/785	DMF32	4	9600 baud
VAX 8600			
VAX 8650			
VAX 6000-410	DMB32	4	19200 baud#
VAX 6000-420			
VAX 6000-430			
VAX 6000-440			
VAX 6000-450			
VAX 6000-460			
VAX 6210	DMB32	4	9600 baud
VAX 6220			
VAX 6230			
VAX 6240			
VAX 6310	DMB32	4	19200 baud#
VAX 6312			
VAX 6320			
VAX 6330			
VAX 6333			
VAX 6340			
VAX 6350			
VAX 6360			
VAX 8200	DMB32	2	9600 baud
VAX 8250	DMF32*	2	9600 baud
	DUP11*	1	9600 baud
VAX 8300	DMB32	2	9600 baud
VAX 8350	DMF32*	2	9600 baud
	DUP11*	1	9600 baud
VAX 8500	DMB32	4	19200 baud#
VAX 8530			
VAX 8550			
VAX 8700			
VAX 8800	DMB32	4	19200 baud#
VAX 8810			
VAX 8820			
VAX 8830			
VAX 8840			
VAX 8842			
VAX 8974			
VAX 8978			
VAXstation:			
VAXstation II	DSV11	1 (2 lines)	9600 baud
VAXstation 3200	DSV11-S	1 (2 lines)	9600 baud
VAXstation 3500			

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VAX System	**Communications Interface**	**Max. No. of Interfaces**	**Max. Line Speed**
VAXserver:			
VAXserver 3300	DPV11-S	4	9600 baud
VAXserver 3400	DSV11-S	2 (4 lines)	19200 baud#
VAXserver 3500			
VAXserver 3600			
VAXserver 3602			
VAXserver 3800			
VAXserver 3900			
VAXserver 6210	DMB32	4	19200 baud#
VAXserver 6220			
VAXserver 6310			
VAXserver 6320			

* Requires use of a DWBUA UNIBUS to BI-bus Adapter

\# 9600 baud is the maximum supported line speed for multiple interface configurations. Operation of multiple interface configurations at line speeds higher than 9600 baud may result in unreliable operation.

Note that a DSV11 synchronous communications interface supports two separate communications lines.

Processors Not Supported:

VAX-11/782

VAXstation I, VAXstation 2000, VAXstation 3100 Series, VAXstation 3520, VAXstation 3540, VAXstation 8000

MicroVAX 2000, MicroVAX 3100

Processor Restrictions

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

Block Space Requirements (Block Cluster Size = 1):

Disk Space required for installation:	1,150 blocks (589K bytes)
Disk space required for use (permanent):	750 blocks (384K bytes)

These block 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.

The VAX 3271 PE requires approximately 10K bytes of non-paged memory for the first DMF32, DMB32 or DSV11 device; 9K bytes are required for the first DUP11 or DPV11 device. Each subsequent DMF32, DMB32 or DSV11 device requires an additional 300 bytes, while an additional DUP11 or DPV11 device requires an additional 350 bytes. Each terminal requires an additional 300 bytes for a DMF32, DMB32 or DSV11 or 350 bytes for either a DUP11 or DPV11.

When the emulator is running, further non-paged memory is allocated which is sufficient to accommodate the number and size of the buffers requested by the user. In addition, each DMF32, DMB32 or DSV11 device uses approximately 4600 bytes of non-paged memory for data transfer. For all five device types, the VAX 3271 PE adds 24 bytes to the buffer size specified by the user.

CLUSTER ENVIRONMENT*

This layered product is fully supported when installed on any valid and licensed VAXcluster* configuration. It must be installed once on each VAX, MicroVAX or VAXstation processor from which usage is planned. The *HARDWARE REQUIREMENTS* sections of this product's Software Product Description and System Support Addendum detail any special hardware required by this product.

In order to configure some product specific attributes that must remain unique to each system, certain components of the product are stored in the system specific environment, SYS__$SPECIFIC:[SYSxxx] of the VAX, MicroVAX or VAXstation processor on which the installation is performed. The remaining components of the product, including some or all of the executable images, will be installed common to all accessing systems.

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

OPTIONAL HARDWARE

- VT2XX or VT3XX terminals
- VT100 terminals with Advanced Video Option
- Any of the following terminals or personal computer (with the appropriate hardware and software) operating in VT100 emulation mode:
  - Rainbow 100
  - DECmate/WPS
  - PRO-325 or PRO-350 (with P/OS Operating System, Version 1.7 and PRO/Communications)

The number of VT terminals (or Digital Personal Computers running in VT100 emulation mode) supported by the 3270 Terminal Emulator utility will depend on application and system loading.

SOFTWARE REQUIREMENTS

Operating System

VMS Operating System V5.0 - V5.2

Layered Products

VAX Wide Area Network Device Drivers V1.1 (SPD 29.64.xx)

VMS Tailoring

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

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

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.

The 3270 Terminal Emulator's performance depends on system and line load, the IBM ® application, and the rate of data entry. Refer to product release notes or your local Digital office for further information.

DISTRIBUTION MEDIA

Tape: 9-Track 1600 BPI Magtape (PE), TK50 Tape Cartridge

ORDERING INFORMATION

Software Licenses: QL-112A*-**
Software Media: QA-112A*-**
Software Documentation: QA-112AA-GZ
Software Product Services: QT-112A*-**

* 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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