System Support Addendum

PRODUCT NAME: MUXserver 100 Remote Terminal Server for VMS, Version 2.3 **SSA 28.45.02-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 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 3100, MicroVAX 3300, MicroVAX 3400, MicroVAX 3500, MicroVAX 3600, MicroVAX 3800, MicroVAX 3900

VAXstation: VAXstation 3100 Model 30, VAXstation 3100 Model 40, VAXstation 3200, VAXstation 3500, VAXstation 8000

Processors Not Supported

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

MicroVAX: MicroVAX I, MicroVAX 2000

VAXstation: VAXstation I, VAXstation II, VAXstation 2000, VAXstation 3100 Model 38, VAXstation 3100 Model 48, 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

Processor Restrictions

A TK50 Tape Drive is required for standalone MicroVAX 2000 and VAXstation 2000 systems.

The MUXserver 100 Remote Terminal Server software runs on either of the following packaged hardware options:

DSRZA-BA MUXserver 100 Remote Terminal Server hardware, factory set at 120V, including one Ethernet connection, two composite link ports, and a supervisory port.

DSRZA-BB MUXserver 100 Remote Terminal Server hardware, factory set at 240V, including one Ethernet connection, two composite link ports, and a supervisory port.

The MUXserver 100 Remote Terminal Server hardware requires both a transceiver drop cable and Ethernet connection (H4000, DECOM, DESTA, or DELNI) to connect to the Ethernet physical channel. One or two DECmux II units are also required for the remote location(s). The DECmux II must be one of the following hardware options:

DFMZA-BA Remote Terminal multiplexer hardware, factory set at 120V including RS-232-C/422 connectors for a primary and route-through composite link port, eight EIA RS-232-C/CCITT V.24 asynchronous lines supporting speeds up to 19.2K bps.

DFMZA-BB Remote Terminal multiplexer hardware, factory set at 240V including RS-232-C/422 connectors for a primary and route-through composite link port, eight EIA RS-232-C/CCITT V.24 asynchronous lines supporting speeds up to 19.2K bps.

For each DECmux directly-connected terminal, workstation, or personal Computer, order one BC22D-xx null modem, shielded cable.

Block Space Requirements (Block Cluster Size = 1):

Disk space required for installation:
750 blocks
(384K bytes)

Disk space required for use (permanent):
400 blocks
(204.8K bytes)

digital software

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.

OPTIONAL HARDWARE

Terminals Supported

The MUXserver 100 Remote Terminal Server software supports the following Digital terminal devices that have keyboards:

- LA12, LA34, LA35, LA36, LA38
- VT52, VT100, VT101, VT102, VT125, VT131
- VT220, VT240, VT241
- VT320, VT330, VT340*

* The MUXserver 100 Remote Terminal Server does not support the multi-session capability of the VT340.

The asynchronous device ports support Digital's terminals and printers, but NOT modems. Each device must meet the following DECmux II device interface specifications:

1. Each port is CCITT V.24/EIA RS-232-C and is terminated with a DB25-P connector.
2. Data format is asynchronous start/stop, having 7 or 8 data bits; 1 or 2 stop bits (1.5 stop bits for 5 data bits).
3. Protocol is full duplex with optional local echo, XON/XOFF flow control.
4. Speed is selected from one of the following: 75, 110, 134.5, 150, 300, 600, 1200, 1800, 2000, 2400, 4800, 9600, or 19200; split speeds of 1200/75, 75/1200, 2400/150, 150/2400.

The MUXserver 100 Remote Terminal Server software also supports the following Digital Personal Computers (PCs) in both terminal emulation mode and file transfer mode.

- The Professional 325, 350, 380
- The Rainbow 100A, 100B, 100+, 190
- DECmate II
- DECmate III
- VAXmate (PC500)

Note: This product is not warranted to support non-Digital terminal devices and Personal Computers. However, those supporting VT100-like characteristics may operate with this product.

Printers Supported

The MUXserver 100 Remote Terminal Server software supports the following Digital asynchronous printers when accessed from VMS:

- LA50, LA100, LA120, LA210
- LQP02, LQP03
- LN01S, LN03S
- LG01, LG02
- LCG01
- LJ250

Modems Supported

None on terminal channels

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 - V5.3

DECnet-VAX V5.0 - V5.3

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

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 minimum requirements for the current version.

DISTRIBUTION MEDIA

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

ORDERING INFORMATION

Software Licenses: QL-VE4A*-**
Software Media: QA-VE4A*-**
Software Documentation: QA-VE4AA-GZ
Software Product Services: QT-VE4A*-**

* Denotes variant fields. For additional information on 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.
