Software Product Description

PRODUCT NAME: VAXmodem for OpenVMS VAX, Version 2.0   SPD 64.23.00

DESCRIPTION

VAXmodem is a communications package for OpenVMS VAX systems. It allows a user to auto-dial remote systems using a modem connected to their VAX or to a terminal server. Additional functions provide file transfer, session logging, session accounting, and automated (unattended) operations. VAXmodem allows a user to connect to a remote computer system via a modem or null-modem cable connected to a VAX terminal line or terminal server. The remote system need not be a Digital computer. Both half and full duplex operations are supported. Auto-dialing support is provided for Digital DF03, DF112, and DF224 modems. Sample auto-dialer source code (written in FORTRAN 4.7) is provided to allow the user to create a custom auto-dialer for non-Digital modems.

Features

VAXmodem provides:

- A script package which allows fully automated remote system login and file transfers. The script packages also allows VAXmodem to run unattended from a batch job.

- An optional user authorization file which prevents unauthorized access to VAXmodem.

- Optional logging of all of VAXmodem use. Data logged includes username, time, date, phone number, and terminal line used.

- Session logging - All terminal output can be captured in a file for future recall or editing. Session logging may be turned on or off at any time.

- Raw ASCII file transmission is supported. Local terminal echo of the transmitted data may be turned on or off.

- Local terminal echo can be selected for communicating with systems which do not provide echo.

- XON / XOFF flow control may be selected if the remote system supports it.

- An installation specific terminal line selection file may be created to automatically select and initialize terminal lines.

- User specific default startup response files may be created to provide automatic VAXmodem connection to remote systems.

- A file transfer subsystem that allows file transfer between VMS systems using a packet-oriented protocol that can copy any file type between systems.

- KERMIT is available as an installation option for file transfer to non-VMS systems.

- XMODEM is available as an installation option for file transfer to non-VMS systems.

Documentation

VAXmodem includes the following documentation:

- VAXmodem Installation Guide

- VAXmodem User's Guide

- VAXmodem Release Notes

HARDWARE REQUIREMENTS

Processors Supported

	VAXft Model 110,
	VAXft Model 310,
	VAXft Model 410,
	VAXft Model 610,
	VAXft Model 612
VAX:	VAX 4000 Model 200,
	VAX 4000 Model 300,
	VAX 4000 Model 500,
	VAX 4000 Model 600
	VAX 6000 Model 200 Series,
	VAX 6000 Model 300 Series,
	VAX 6000 Model 400 Series,
	VAX 6000 Model 500 Series,
	VAX 6000 Model 600 Series

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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 110,
VAX 9000 Model 210,
VAX 9000 Model 300 Series,
VAX 9000 Model 400 Series

VAX–11/730, VAX–11/750,
VAX–11/780, VAX–11/785

MicroVAX:	MicroVAX II, MicroVAX 2000,
	MicroVAX 3100 Model 10/10E,
	MicroVAX 3100 Model 20/20E,
	MicroVAX 3100 Model 30,
	MicroVAX 3100 Model 40,
	MicroVAX 3100 Model 80,
	MicroVAX 3300, MicroVAX 3400,
	MicroVAX 3500, MicroVAX 3600,
	MicroVAX 3800, MicroVAX 3900

VAXstation:	VAXstation II, VAXstation 2000,
	VAXstation 3100 Model 30,
	VAXstation 3100 Model 38,
	VAXstation 3100 Model 40,
	VAXstation 3100 Model 48,
	VAXstation 3100 Model 76,
	VAXstation 3200, VAXstation 3500,
	VAXstation 3520, VAXstation 3540

VAXstation 4000 Model 60,
VAXstation 4000 VLC

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 4000 Model 500

VAXserver 6000 Model 210,
VAXserver 6000 Model 220,
VAXserver 6000 Model 310,
VAXserver 6000 Model 320,
VAXserver 6000 Model 410,
VAXserver 6000 Model 420,
VAXserver 6000 Model 510,
VAXserver 6000 Model 520,
VAXserver 6000 Model 610,
VAXserver 6000 Model 620,
VAXserver 6000 Model 630

Processors Not Supported

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

Processor Restrictions:

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

Other Hardware Required:

At least one auto-dial modem connected to a terminal port or terminal server.

Disk Space Requirements (Block Cluster Size = 1):

Disk space required for installation:	1,000 blocks (512 Kbytes)
Disk space required for use (permanent):	1,000 blocks (512 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.

OPTIONAL HARDWARE

The following optional hardware can be used:

- Digital DF03, DF112, DF224 auto-dial modems. Any non-Digital modem will work, but must be manually dialed or write a custom auto-dialer

CLUSTER ENVIRONMENT

This layered product is fully supported when installed on any valid and licensed VAXcluster* configuration without restrictions. The *HARDWARE REQUIREMENTS* section of this product's Software Product Description 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

OpenVMS VAX Operating System V5.0 - V6.1

OPTIONAL SOFTWARE

- FORTRAN V4.7 if user is required to customize the sample auto-dialer source code
- KERMIT or XMODEM running on the remote system

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

This product is distributed on 9-track 1600 BPI Magtape, and TK50 Streaming Tape

ORDERING INFORMATION

Software Licenses: Q2-GAGA9-AA

Software Media: QA-GAGAA-H*

Software Documentation: QA-GAGAA-GZ

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

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