



Software Product Description

PRODUCT NAME: MAILbus Monitor, Version 2.1

SPD 64.40.01

DESCRIPTION

MAILbus™ Monitor is a management software application that allows network management staff to monitor messaging systems and network applications across local and wide-area networks from a central location. The application is based on the client/server model and runs on OpenVMS™ VAX™, OpenVMS Alpha, and Digital UNIX®.

An easy-to-use graphical user interface (GUI) provides a color-coded real-time display of the current status of the systems and applications. Operators can quickly pinpoint and fix potential or existing problems before they impact network performance and before users even notice that there is a problem.

MAILbus Monitor includes the following components:

- A client, which connects to one or more servers to obtain monitoring information, and displays the results to the user *via* the GUI.
- A server, which handles client requests for information. The server triggers entity scanning activities and returns the results to each client that requested information about an entity.
- Scanning modules, which monitor entities under the control of a server and return the information obtained.

FEATURES

A Wide Range of Scanning Modules

Scanning modules are provided for Digital MAILbus products and many of Digital's network applications. Operators can define scanning intervals to determine how frequently products are monitored and can also choose to monitor an entity continuously.

In addition, a Software Developer's Kit (SDK) is optionally available to allow users to easily create and integrate new scanning modules.

A Wide Range of Events Can be Monitored

MAILbus Monitor can monitor the following types of event:

- Message queue congestion, message trace details, and the existence of bad-message files
- Message Traffic
- Logical names and devices
- Missing files and database records
- Application counters and logs
- Processes and batch jobs
- DECnet/OSI event logging

Problems Can be Fixed Before Users are Affected

An alarm module ensures that problems can be pinpointed before users are affected and action can be taken to fix the problems.

Graphical User Interface

A GUI allows operators to easily and quickly configure MAILbus Monitor. When configured, operators use the GUI to determine problem areas at a glance. The display can be customized using filters. Color-coding and alarms highlight problems. Histograms show the number of problems and the severity of each problem. Detailed reports can be displayed on the screen.

Detailed Reports

Detailed reports provide a snapshot of the performance and volume of traffic on each Message Transfer System. The operator can control the severity level of information displayed.

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Secure Remote Management

MAILbus Monitor Management Module provides secure remote execution of commands on the servers, for example, it allows you to start and stop monitored products.

Interface to Manager on NetView

Interface to Manager on NetView® is possible by redirecting client output into a file. The output can be processed by a script which contains SNMP-TRAP commands.

Products Monitored on Digital UNIX

- MAILbus 400
- DEC X.500
- MAILbus 400 SMTP Gateway
- MAILbus 400 Message Store
- MailWorks™

Products Monitored on OpenVMS

- MAILbus 400 *
- DEC X.500 *
- MAILbus 400 Message Router Gateway
- MailWorks *
- ALL-IN-1 *
- VAX Message Router
- VAX Message Router Distributed Directory Service
- VAX Message Router IBM® PROFS® Gateway
- VAX Message Router IBM SNADS Gateway
- VAX Message Router VMSmail Gateway
- VAX Message Router X.400 Gateway
- VAX Message Router Telex Gateway

* Indicates that the product is monitored on both OpenVMS VAX and OpenVMS Alpha. Other listed products are monitored on OpenVMS VAX only.

The PMDF Product set V5.1 or later from Innosoft include Scanning Modules that enable them to be monitored by MAILbus Monitor. These products operate on Digital UNIX, OpenVMS VAX and ALpha platform.

DOCUMENTATION

- MAILbus Monitor Planning and Setup Guide
- MAILbus Monitor Client Monitoring Guide
- MAILbus Monitor Scanning Modules Catalog
- MAILbus Monitor Server Installation Guide
- MAILbus Monitor Client Installation Guide
- MAILbus Monitor User's Reference Card
- MAILbus Monitor Metrics Installation Guide
- MAILbus Monitor Metrics User Guide
- MAILbus Monitor Metrics Management Guide

HARDWARE REQUIREMENTS

A color display that supports OSF/Motif Version 1.2.

OpenVMS VAX and Alpha, and Digital UNIX systems/hardware configurations as follows:

Processors Supported for OpenVMS VAX

Any VAX system that is capable of running OpenVMS VAX Version 6.0 and later except those listed as processors not supported.

Processors Supported for OpenVMS Alpha

Any Alpha system that is capable of running OpenVMS Alpha Version 6.1 or higher except those listed as processors not supported.

Processors Not Supported for OpenVMS

The following processors are not supported:

MicroVAX 2000, MicroVAX I, MicroVAX II, VAXstation 1, VAX-11/725, VAX-11/782, VAXstation 8000, VAX 7000, VAX 10000, VAXft Models 110, 310, 410, 610, 612, VAX-11/730, VAX-11/750, VAX-11/780, VAX-11/785, VAXstation II, VAXstation 2000

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Disk Space Requirements on OpenVMS

(Block Cluster Size = 1)

Task	VAX	Alpha
Client		
Installation:	10,600 blocks (5.3 MB)	9,800 blocks (4.9 MB)
Permanent:	4,000 blocks (2 MB)	2,400 blocks (1.2 MB)
Server		
Installation:	3,400 blocks (1.7 MB)	4,500 blocks (2.25 MB)
Permanent:	2,000 blocks (1 MB)	2,000 blocks (1 MB)
Scanning Modules		
Installation:	4,900 blocks (2.45 MB)	800 blocks (.4 MB)
Permanent:	1,300 blocks (.65 MB)	200 blocks (.1 MB)

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.

CLUSTER ENVIRONMENT

This layered product is fully supported when installed on any valid and licensed OpenVMS Cluster configuration without restrictions. The HARDWARE REQUIREMENTS sections of this product's Software Product Description detail any special hardware required by this product.

Processors Supported for Digital UNIX

Any Alpha system that is capable of running Digital UNIX Version 3.2 or later except those listed as processors not supported.

Processors Not Supported for Digital UNIX

VAX-based or RISC-based processors.

Disk Space Requirements on Digital UNIX

/usr/opt 2.64 MB on each client
/usr/opt 2.365 MB on the server

SOFTWARE REQUIREMENTS

OpenVMS VAX, OpenVMS Alpha, and Digital UNIX software requirements as follows:

- OpenVMS VAX Version 6.0 and later
- OpenVMS Alpha Version 6.1 and later
- Digital UNIX Version 3.2 and later
- OSF®/Motif® Version 1.2.
- One of the following:
 - DECnet™ for OpenVMS VAX and Alpha
 - DECnet/OSI
 - DEC TCP/IP Services for OpenVMS

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.

SOFTWARE LICENSING

The software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your Digital office.

License Management Facility Support

This layered product supports the License Management Facility.

License units for the product are allocated as follows:

- License units for the server are allocated on a capacity license basis.
- License units for the client are allocated on a concurrent use basis.

For more information on the License Management Facility, see the License Management Facility documentation.

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DISTRIBUTION MEDIA

CD-ROM (all platforms), TK50 Streaming Tape (OpenVMS VAX only).

ORDERING INFORMATION

MAILbus Monitor for OpenVMS VAX

Software Licenses:

QL-4XAA*-** (Client)

QL-4XDA*-** (Server)

QL-4XEA9-** (SDK)

Software Media and Documentation:

QA-4XDAA-H8 (Server on CD-ROM)

QA-4XDAA-H5 (Server on TK50)

MAILbus Monitor for OpenVMS Alpha

Software Licenses:

QL-4XAA*-** (Client)

QL-4XBA*-** (Server)

QL-4XCA9-** (SDK)

Software Media and Documentation:

QA-4XBAA-H8 (Server)

MAILbus Monitor for Digital UNIX

Software Licenses:

QL-4XFA*-** (Client)

QL-4XGA*-** (Server)

QL-4XHA9-** (SDK)

Software Media and Documentation:

QA-4XGAA-H8 (Server)

* 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.

SOFTWARE PRODUCT SERVICES

A variety of service options are available from Digital. For more information, contact your local Digital office.

SOFTWARE WARRANTY

Warranty for this software product is provided by Digital with the purchase of a license for the product. Software licensing for this product has yet to be defined.

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