COMPAQ

Software Product Description

Product Name: MAILbus 400 Application Program Interface for OpenVMS VAX, Version 2.0C **SPD 42.80.07**

PRODUCT DESCRIPTION

MAILbus 400™ Application Program Interface (API) for OpenVMS™ VAX™ is a layered software product that resides on an OpenVMS VAX system. It provides a programming interface that gives application development programmers access to the messaging services provided by the MAILbus 400 Message Transfer Agent.

MAILbus 400 API for OpenVMS provides a C language interface to the MAILbus 400 MTA's messaging services. An ANSI C conformant compiler is required to use the MAILbus 400 API.

A MAILbus 400 Application Program Interface license is required for application development only. An application built using MAILbus 400 Application Program Interface can be operated without the need for a MAILbus 400 Application Program Interface license.

MAILbus 400 API can operate either colocated with MAILbus 400 MTA or on a remote OpenVMS VAX machine.

CONFORMANCE TO STANDARDS

MAILbus 400 API is an implementation of the X/Open™ CAE Specification - OSI-Abstract-Data-Manipulation (November 1991 edition), and the X/Open CAE Specification - API to Electronic Mail (November 1991 edition). These specifications define a vendor-independent programming interface to X.400 messaging services. However, applications linked with the MAILbus 400 API can only communicate directly with the MAILbus 400 MTA. MAILbus 400 API provides both the Application and Gateway interfaces defined by the X/Open CAE Specifications.

MAILbus 400 API does not support the Retrieval Functional Unit of the X/Open CAE Specification - API to Electronic Mail.

YEAR 2000 READY (Y2K)

MAILbus 400 Application Program Interface also becomes Year 2000 Ready with Version 2.0B release. Any two digit dates received by the MAILbus 400 API are interpreted as follows:

— Years "70" to "99" (inclusive) as "1970" to "1999" and

— Years "00" to "69" (inclusive) as "2000" to "2069".

MAILbus 400 API V2.0B will correctly process, calculate, compare and sequence date data from, into and between the twentieth and the twenty-first centuries, and the years 1999 and 2000, including leap year calculations, when used in accordance with the associated COMPAQ Product documentation and provided that all hardware, firmware and software used in combination with such COMPAQ Products properly exchange date data with the COMPAQ Products.

HARDWARE REQUIREMENTS

Processors Supported

Any OpenVMS VAX configuration supported by DECnet™-Plus for OpenVMS VAX, with the exception of those listed below. See the DECnet-Plus for OpenVMS VAX Software Product Description (25.03.*) for further information on supported hardware configurations.

Processors Not Supported

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

Disk Space Requirements (Block Cluster Size = 1):

Disk space required for installation:	3500 blocks
Disk space required for use (permanent):	3100 blocks

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 may be installed on each node in any valid and licensed VMScluster™ configuration. Each node of a VMScluster can run one instance of MAILbus 400 API. Each API is independent and does not share workspace and operates as it would on an individual system.

VMScluster configurations are fully described in the VMScluster Software Product Description (29.78.xx) and include CI™, Ethernet, and Mixed Interconnect configurations.

SOFTWARE REQUIREMENTS

One of the following software configurations:

- OpenVMS VAX Operating System V6.2

  DECnet/OSI® for OpenVMS V6.3 with ECO8

- OpenVMS VAX Operating System V7.1

  DECnet-Plus for OpenVMS V7.1 with ECO2, or later, including the DECnet Application Interface component (formerly known as the OSI Applications Kernel or OSAK™)

- OpenVMS VAX Operating System V7.2

  DECnet-Plus for OpenVMS V7.2, including the DECnet Application Interface component (formerly known as the OSI Applications Kernel or OSAK™, V3.0-003O

OPTIONAL SOFTWARE

- DEC™ C for OpenVMS V4.0 or later

OpenVMS Tailoring: The following OpenVMS classes are required for full functionality of this layered product:

- OpenVMS Required Saveset
- Network Support
- Programming Support

For more information on OpenVMS classes and tailoring, refer to the OpenVMS VAX Operating System Software Product Description (SPD 25.01.xx).

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

MAILbus 400 MTA is also available as part of the DIGITAL™ CD-ROM Software Library for OpenVMS VAX Layered Products, part number QA-VWJ8A-H8.

ORDERING INFORMATION

Software Licenses: QL-04RA*-**
Software Documentation: QA-04RAA-GZ.2.0C
Software Product Services: QT-04RA*-**

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

SOFTWARE LICENSING

This software is furnished under the licensing provisions of Compaq Computer Corporation's Standard Terms and Conditions. For more information about COMPAQ's licensing terms and policies, contact your local COMPAQ office.

License Management Facility Support

This layered product supports the OpenVMS License Management Facility.

License units for this product are allocated on an Unlimited System Use basis.

For more information on the License Management Facility, refer to the OpenVMS Operating System Software Product Description.

SOFTWARE PRODUCT SERVICES

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

SOFTWARE WARRANTY

Warranty for this software product is provided by COMPAQ with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

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