



# Software Product Description

**PRODUCT NAME:** DEC/EDI for OpenVMS VAX, Version 2.1D

**SPD 31.70.07**

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## DESCRIPTION

Electronic Data Interchange (EDI) enables users to electronically exchange structured business documents such as Purchase Orders, Dispatch Advice and Invoices with their Trading Partners using International, National and Industry-specific EDI standards. DEC/EDI offers application developers all the facilities necessary to EDI-enable Business Applications within an Enterprise. Extensive communication options are also provided to facilitate inter-enterprise communication via EDI VANs or direct with Trading Partners using OSI® protocols.

DEC/EDI uses a Client/Server architecture to provide EDI services to local and remote Business Applications hosted on multi-vendor platforms within an enterprise.

### DEC/EDI Application Client

The DEC/EDI Application Client facilitates the integration of local and remote Business Applications to the DEC/EDI Server, to make them EDI-capable. Object-Broker (DEC ACA Services) is used to link the locally

or remotely installed DEC/EDI Application Clients to the DEC/EDI Server, using either TCP/IP or DECnet communication protocols.

DEC/EDI Application Clients are available today for:

- Digital UNIX®
- OpenVMS™ Alpha
- OpenVMS VAX™
- HP-UX®
- IBM® AIX ®
- Sun® Solaris®
- IBM OS/400®

These DEC/EDI Application Clients can interoperate with a DEC/EDI Server running on Digital UNIX, OpenVMS VAX or OpenVMS Alpha platforms.

The interface provided by the DEC/EDI Application Client is file-based and allows for the Business Application to POST and FETCH files to and from Trading Partners via the DEC/EDI Server.

The DEC/EDI Application Clients can be invoked via the Command Line Interface (CLI) and the Application Program Interface (API). The CLI can be run from a suitably coded script file (command file) or invoked interactively.

The DEC/EDI Application Client also provides the following functions:

- Enables local and remote Business Applications to extract document status information via the TRACK Command, from the DEC/EDI Server.

- Enable Business Applications to POST and FETCH files to and from other DEC/EDI Application Clients attached to the same DEC/EDI Server. The information exchanged between DEC/EDI Application Clients is mapped from the input format to the recipient format by using FileBridge MAPs based on an EDI Message definition.
- POST and FETCH documents to and from the DEC/EDI Server and by-pass the Mapping or Mapping and Translation functions, for transmission and receipt to and from trading partners via the DEC/EDI Communication Component.

### DEC/EDI Server

The DEC/EDI Server consists of the following components which reside on the same node:

- DEC/EDI FileBridge Component
- DEC/EDI Translation Component
- DEC/EDI Communications Component
- DEC/EDI Operational Management Component

### FileBridge Component

FileBridge is a table-driven “MAPPER” with a set of data manipulation operators for selected classes of commonly encountered EDI application data. This capability is used to convert data from the existing Business Application file format to that required for Translation into the Trading Partner format as well as formatting data received from the trading partner to the file format expected by the Business Application.

The Mapping Process consists of:

- **Data Specification**

The customer defines the application file structure, and parameters for mapping between the application file and the EDI standard through a forms-based user interface. FileBridge then generates a conversion table that is used to map data from/to the application file formats.

- **User Defined Mapping**

FileBridge allows fields to be moved directly to the destination or to have built-in mathematical/logical/string operations to be performed upon the fields. The user interface guides the user through this process. The user can define and add code through “hooks” for more complex processing.

- **Data Definition Extracts**

FileBridge also allows for the extraction of Application file record definitions from Oracle® CDD/Repository.

The components of FileBridge are:

- **FileBridge User Interface (UI)**

The UI consists of a set of menus and forms that allow users to create, modify, and compile FileBridge tables.

- **FileBridge Run-time**

The Run-time process uses the information in a compiled FileBridge table to map data between the Business Application file and the format required for transmission and receipt to and from trading partners.

### Translation Component

The Translation Component takes data that has come from the Business Application and transforms it into the standard EDI formats required for transmission to the Trading Partner. It also takes incoming EDI data, that has been received from a Trading Partner by the Communications Component, and converts it into the format that is suitable for the Mapper to decode and pass to the Application Client.

The Translation Component provides the following features:

- Support for multiple versions of messages (transactions) and EDI standards
- Supports the transmission of 8-bit national character sets
- Compliance checking at Trading Partner level
- Trading Partner specific Code Translation
- User-selectable control number generation
- Test transmissions
- Event and Error logging

An editor is provided to enable users to customise the messages delivered with the product to create new messages for industry specific and Trading Partner specific messages as well as create new messages based on ANSI X12, TDCC, EDIFACT, ODETTE, and TRADACOMS™ syntax rules supported by this version of the product. The editor also allows for the creation of new versions of EDI Standard dictionaries.

Trading Partner agreement details, including the message formats being used, are recorded in the Trading Partner Profiles. The Translation Component uses the information in the Trading Partner Profiles and the Message Database to perform compliance checking and to check the validity of the transaction.

The Translation Component provides support for the following EDI standards:

- **EDIFACT**
  - Implements ISO 9735

- Supports character set A, lower-case a-z, and 8-bit national character sets.
- Supports industry-specific transactions adhering to the EDIFACT ISO 9735 syntax
- **ANSI X12**
  - Automatic generation of Functional Acknowledgements and reconciliation of Functional Acknowledgements
  - Supports industry-specific transactions adhering to the ANSI X12 syntax
- **TDCC**
  - Supports all modes including UCS/WINS
  - Automatic generation of Functional Acknowledgements, 997 and 999 and reconciliation of Functional Acknowledgements
  - Support for the following types of messages is not provided:
    - \* Messages which contain two mandatory instances of the same segment, at the same level, when other segments appear between the two instances (for example, Transaction 994 and its use of the K2 segment)
    - \* Messages which use EDIFACT enveloping
- **ODETTE**
  - Support for Version 2.0 of ODETTE
- **TRADACOMS**
  - Implements the TRADACOMS (October 1989 Update) syntax and messages

### Communications Component

The Communications Component supports a range of communications options including OSI. It enables users to send EDI transmissions either through EDI VANs or direct to their Trading Partners.

The Communications Component provides the following features:

- Flexible scheduling using windows and jobs
- Priority processing to override the scheduler
- User-definable connection and file-based retry limit
- Event and Error logging

The Communications Component Options provided with DEC/EDI are:

- X.400 Communications Component
- OFTP Communications Component
- Bisynchronous and CCITT X.25 Components for VAN Communications

- Import/Export Communications Component

A specific Communications Component license need not be purchased to invoke the Import/Export capability.

- **X.400 Communication**

- Supports the CCITT X.435 recommendation, EWOS Kernel Functional Profile (June 1992 /TD 22), for the transmission of EDI messages over the CCITT recommendations for X.400, 1988
- Supports both P0 (NIST Special Publication 500-150) and P2 (TEDIS meeting November 23, 1989) interim recommendations for the transmission of EDI messages over the CCITT recommendations for X.400, 1984 and 1988
- Supports enabling or disabling Trading Partner specific transmissions
- Supports user-configurable Trading Partner specific record lengths
- Provides global connectivity by facilitating EDI transmissions either directly between Private Management Domains (PRMDs) or via an Administrative Management Domain (ADMD) Relay Service
- Supports X.400 Acknowledgement processing

- **OFTP Communication**

- Fully supports OD.G4/86/090
- Supports Special Logic for incoming transmission
- Supports enabling or disabling Trading Partner specific transmission
- Supports user-configurable Trading Partner specific record lengths
- Provides Global connectivity by facilitating EDI transmission directly between Trading Partners over CCITT X.25-based Networks
- Supports File Restarts
- Recognises Compressed Data

- **Bisynchronous and X.25 VAN Communication**

- Provides connections to EDI VANs via the use of 2780/3780, using the CLEO 3780plus product and CCITT X.25 Protocols.
- Supports connections to the GEIS™ EDI\*EXPRESS™, and BT TYMNET® EDI\*NET® Services via the use of the 2780/3780 communication protocol.
- Supports connections to the INS™- TRADANET™ Service via the use of X.25 Communications protocol
- User-configurable Trading Partner specific record lengths

- Provides pre-defined jobs to interact with the EDI VAN Service and avoid any user programming
- Sends and receives all transmission files in the same connection

- **Import/Export Communication**

- Enables the user to implement other means of communicating with Trading Partners
- Outgoing and incoming Trading Partner specific transmission files written to user-defined directory
- Allows insertion of header details to transmission files
- A specific Communications Component license need not be purchased to invoke this facility

### Operational Management Component

An extensive set of management functions is provided to enable the user to easily install, configure, and manage an operational EDI system. The Management Component is an integral part of the Application Client, File-Bridge, Translation and Communication Components and need not be purchased separately.

The Management Service commands are invoked using DCL. The appropriate form is then displayed on the screen.

The Management Service provides the following facilities:

- Access Control
- Processing Control
- Organisational Control
- Error logging and exception reporting
- **Access Control**
  - Controls user access to the DEC/EDI system
  - Users assigned two types of privileges, Administrator or Supervisor
  - Tools are provided to enable the Administrator to manage the operational state of the DEC/EDI system
  - The Supervisor is provided with tools to monitor the status of documents in the DEC/EDI system
- **Processing Control**
  - Provides end-to-end audit trail of message status within the DEC/EDI system, including status information from the EDI VAN Services
  - Provides history files with detailed information to help locate and correct errors
  - Provides message and transmission file status

- Time stamps each message status

- **Organisational Control**

- Provides facilities to monitor the status of the documents in the DEC/EDI system
- Provides facilities to archive and retrieve documents which have either been processed successfully or cancelled
- Provides facilities to maintain the list of authorised users
- Provides facilities to edit and create message format tables
- Provides facilities to edit and create Trading Partner profiles
- Provides a Configuration Verification Program (CVP) to test the linkages between the DEC/EDI Server and the DEC/EDI Client components

- **Error Logging and Exception Reporting**

- All events and errors are logged and time stamped.
- Exception reporting consists of logging errors, display of error message on the Operator Console, and the dispatch of VMSmail™ to the designated EDI System Administrator.

- **COCKPIT**

DEC/EDI Cockpit, a Graphical User Interface (GUI) running under Microsoft® Windows®, Windows 95® or Windows NT™ is available as an option. The Cockpit provides the following functionality:

- A “system monitor” function providing graphical display of the status of Messages/Transactions. This display can be updated either manually or at a pre-defined timing interval
- Access to the DEC/EDI Audit trails at the Document and Transmission file levels and cross-referencing between Documents and Transmission files
- Access to the data contained within the EDI documents.
- The ability to customise the display of the DEC/EDI Audit trails by defining several “views”
- Access to the FileBridge Audit trails
- Access to Error logs
- Ability to access Transaction/Message status information from several DEC/EDI Servers.
- The ability to reset, cancel or resend Documents or Transmission Files that are in certain states.

**DOCUMENTATION**

The DEC/EDI documentation set consists of:

- Introduction
- Getting Started
- Installation
- Command Reference
- Configuring
- Using the Mapper
- Mapping Reference
- Using the Application Client
- Maintaining
- Problem Solving
- Error Messages

**STANDARDS INDUSTRY PRACTICE CONFORMANCE**

The DEC/EDI product conforms to the following formal industry standards:

- ISO 9735 (EDIFACT)
- ANSI X12.5 and X12.6
- CCITT Recommendation X.435 (EWOS Kernel Functional Profile, June 1992 /TD 22 )

The DEC/EDI product conforms to the following industry Practice:

- TRADACOMS (UN/TDI)
- TDCC
- UCS/WINS
- ODETTE
- EDIFICE
- EANCOM
- CEFIC
- ODETTE File Transfer Protocol (OFTP) - OD.G4/86 /090
- X.400 P2 (TEDIS meeting Nov. 23, 1989) and P0 (NIST Special Publication 500-150) for CCITT X.400 1984

**INSTALLATION**

Digital recommends that a customer's first purchase of this software product include Digital Installation Services. These services provide for installation of the software product by an experienced Digital Software Specialist.

For subsequent purchases of this product only experienced customers should attempt installation. Digital recommends that all other customers purchase Digital's Installation Services.

**Customer Responsibilities**

Before installation of the software, the customer must:

- Previously have installed all requisite software identified in the Software Requirements section above, and hardware including terminals.
- Make available for a reasonable period of time, as mutually agreed by Digital and the customer, all hardware, communication facilities, and terminals that are to be used during installation.
- For verification of installation and connectivity in a multi-node network, designate and provide access to the DEC/EDI Client and Server hosts that has previously been installed by Digital.

Delays caused by any failure to meet the responsibilities will be charged at the then prevailing rate for time and materials.

**HARDWARE REQUIREMENTS****PROCESSORS SUPPORTED**

Any VAX system capable of supporting a minimum of 64MB of memory (128MB recommended), 2 Disk Drives (4 recommended) and the hardware controllers for the Communication Option (X.25, X.400, OFTP) chosen by the customer.

**DISK SPACE REQUIREMENTS**

**Table 1**  
**Disk Space Required for Installation**

DEC/EDI System	81,000 blocks <sup>1</sup> (42 Mbytes)
DEC/EDI Application Client	7,000 blocks <sup>1</sup> (4 Mbytes)

<sup>1</sup>Block Cluster Size = 1

**Table 2**  
**Disk space required for use (permanent)**

DEC/EDI System	122,000 blocks <sup>1</sup> (63 Mbytes)
DEC/EDI Application Client	3,000 blocks <sup>1</sup> (2 Mbyte)

<sup>1</sup>Block Cluster Size = 1

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.

Additional disk space is required depending on the number of Mapping tables, performance needs, message size and software options.

### Memory Requirements

The minimum memory supported is 64MB. However, the use of this software in conjunction with increased memory and multiple disks improves performance. The memory size suggested for most typical hardware configurations is at least 128MB (especially when the X.25 and/or X.400 products are installed on the same processor).

### OPTIONAL HARDWARE

Any devices supported by the prerequisite/optional software.

Bisynchronous Communications for connecting to EDI VANS:

The CLEO 3780Plus product is required for use with the DEC/EDI Bi-synch communications capability on VAX OpenVMS. Contact the following outlets to purchase CLEO 3780Plus:

US: CLEO Communications  
Telephone: (815) 397 8110

UK: Interface Systems International  
Telephone +44 (0)1753 811888

The following Synchronous modems are recommended for use with the CLEO 3780Plus product:

- RACAL-datacom 9600 baud modem, V.32 (AT Compatible)
- MULTitech Multimodem V.32 (AT Compatible)

Contact your EDI Service Provider for advice on the protocol supported in your country.

### SOFTWARE REQUIREMENTS

DEC/EDI Application Client and DEC/EDI Server deployment on the same node:

- OpenVMS VAX Operating System V6.1 through 7.0 (SPD 25.01.xx)
- ObjectBroker for OpenVMS VAX V2.6 through V2.7 (SPD 36.06.xx)
- DECforms Run-time Only System for OpenVMS VAX V2.1 or higher (SPD 29.90.xx)
- Oracle Rdb Run-time Option for OpenVMS VAX V5.1 through V6.1A
- DECnet for OpenVMS VAX V6.1 through V7.0 (SPD 48.48.xx) for use with Bi-Synch communication.

or

DECnet-Plus (DECnet/OSI) for OpenVMS VAX V6.2 through V7.0 (SPD 25.03.xx) for use with X.400 and OFTP communications

### OPTIONAL

**For remote deployment of DEC/EDI Application Client:**

- **Remote deployment of DEC/EDI Application Client on OpenVMS Alpha System:**

— OpenVMS Alpha Operating System V6.1 through V7.0 (SPD 25.01.xx)

— DEC/EDI Application Client for OpenVMS Alpha V2.1A or higher. <sup>1</sup>

— ObjectBroker for OpenVMS Alpha V2.5A or higher (SPD 44.12.xx) <sup>2</sup>

— DECnet for OpenVMS Alpha V6.1 (SPD 42.25.xx) or DECnet for OpenVMS VAX and Alpha V7.0 (SPD 48.48.xx) **on both systems.**

or

DECnet/OSI for OpenVMS Alpha V6.2 through V7.0 (SPD 50.45.xx) **on both systems.**

or

DEC TCP/IP Services for OpenVMS Alpha V3.3 through V4.1 (SPD 46.46.xx) **on both systems.**

- **Remote deployment of DEC/EDI Application Client on OpenVMS VAX system:**

— OpenVMS VAX Operating System, V6.1 through V7.0 (SPD 25.01.xx)

<sup>1</sup> Digital strongly recommends that you upgrade any remote DEC/EDI Application Clients on OpenVMS Alpha to Version 2.1D

<sup>2</sup> ObjectBroker V2.6 or higher is required for DEC/EDI Version 2.1D



- DEC/EDI Application Client for OpenVMS VAX V2.1 or higher (SPD 31.70.xx).<sup>3</sup>
  - ObjectBroker for OpenVMS VAX V2.5A or higher (SPD 44.12.xx) (SPD 36.06.xx)<sup>4</sup>
  - DECnet for OpenVMS VAX V6.1, V6.2 (SPD 48.48.xx) or DECnet for OpenVMS VAX and Alpha V7.0 (SPD 48.48.xx) **and DECnet on the DEC/EDI Server System.**
- or
- DECnet/OSI for OpenVMS VAX V6.2 through V7.0 (SPD 25.03.xx) **and DECnet/OSI on the DEC/EDI Server System**
- or
- DEC TCP/IP Services for OpenVMS V3.3 (SPD 25.A4.xx) through V4.1 (SPD 46.46.xx) **and DEC TCP/IP Services on the DEC/EDI Server system.**
  - **Remote deployment of DEC/EDI Application Client on Digital UNIX Alpha system:**
    - DEC/EDI Application Client for Digital UNIX Alpha V2.1A or higher (SPD 53.50.xx) **and its pre-requisite software.**<sup>1 2</sup>
  - **Remote deployment of DEC/EDI Application Client on IBM AIX system:**
    - DEC/EDI Application Client for IBM AIX V2.1A or higher (SPD 61.91.xx) **and its pre-requisite software.**
  - **Remote deployment of DEC/EDI Application Client on HP-UX system:**
    - DEC/EDI Application Client for HP-UX V2.1A or higher (SPD 61.92.xx) **and its pre-requisite software.**
  - **Remote deployment of DEC/EDI Application Client on Sun Solaris system:**
    - DEC/EDI Application Client for Sun Solaris V3.1 or higher (SPD 61.38.xx) **and its pre-requisite software.**
  - **For the use of DEC/EDI OFTP Communication:**
    - DECnet/OSI for OpenVMS VAX V6.2 through V7.0 (SPD 25.03.xx) and a remote node providing X.25 Connector Services

or

    - DECnet/OSI for OpenVMS VAX V6.2 (SPD 25.03.xx) and the X.25 Option
  - **For the use of DEC/EDI Bi-Synch Communication:**
    - CLEO 3780Plus product for OpenVMS VAX V04204, together with the SYNCcable+ cable is required. These can be ordered from:
      - US: CLEO Communications  
Telephone: (815) 397 8110
      - UK: Interface Systems International  
Telephone +44 (0)1753 811888
    - For TRADANET VAN:
      - DECnet/OSI for OpenVMS VAX V6.2 (SPD 25.03.xx) and a remote node providing X.25 Connector Services

or

      - DECnet/OSI for OpenVMS VAX V6.2 (SPD 25.03.xx) and the X.25 Option

**For the use of DEC/EDI X.400 Communications, one of the following:**

  - **Remote Digital UNIX Alpha node supporting MAILbus 400 V1.4 (SPD 46.89.xx) and the following prerequisites:**
    - DECnet/OSI for Digital UNIX (SPD 41.92.xx)
    - DEC X.500 Directory Services (Base Component) for Digital UNIX Alpha (SPD 40.77.xx)
    - *DEC/EDI Server node supporting DECnet/OSI for OpenVMS VAX V6.2 (SPD 25.03.xx)*
  - **Remote OpenVMS VAX node supporting MAILbus 400 OpenVMS for V1.4 (SPD 42.83.xx) and the following prerequisites:**
    - DECnet/OSI for OpenVMS VAX (SPD 25.03.xx)
    - DEC X.500 Directory Services (Base Component) for OpenVMS VAX (SPD 40.77.xx)
    - *DEC/EDI Server node supporting DECnet/OSI for OpenVMS VAX V6.2 (SPD 25.03.xx)*

<sup>3</sup> Digital strongly recommends that you upgrade any remote DEC/EDI Application Clients on OpenVMS VAX to Version 2.1D

<sup>4</sup> ObjectBroker V2.6 or higher is required for DEC/EDI Version 2.1D

<sup>1</sup> Digital strongly recommends that you upgrade any remote DEC/EDI Application Clients on Digital UNIX to Version 3.1A

<sup>2</sup> ObjectBroker V2.6 or higher is required for DEC/EDI Version 3.1A

- **DEC/EDI Server node supporting MAILbus 400 OpenVMS for VAX V1.4 (SPD 42.83.xx) and the following prerequisites:**

- DECnet/OSI for OpenVMS VAX (SPD 25.03.xx)
- DEC X.500 Directory Services (Base Component) for OpenVMS VAX (SPD 40.77.xx)

#### For the use of DEC/EDI Cockpit for MS-Windows:

- **On a PC running Microsoft Windows or Microsoft Windows for Workgroups:**

- DEC/EDI Cockpit Version 2.1A or higher (SPD 53.14.xx) or DEC/EDI Cockpit Version 3.1 or higher (SPD 53.50.xx).<sup>1 2</sup>
- MS-DOS® V6.0 or higher
- Microsoft Windows V3.1 or Microsoft Windows for Workgroups V3.11
- ObjectBroker Run-Time for Microsoft Windows, V2.5A through V2.7 (SPD 37.76.xx)
- Oracle ODBC Driver for Rdb Version 2.0.20 or higher (16-bit driver)
- PATHWORKS for DOS, V4.1 through V6.0 (SPD 55.07.xx)
- or
- PATHWORKS for DOS V4.1 and PATHWORKS for DOS TCP/IP V2.0 (SPD 33.45.xx)
- or
- Novell® LAN Workplace for DOS with WINSOCK compliant TCP/IP
- or
- MS-Windows for Workgroups TCP/IP

- **On a PC running Microsoft Windows 95:**

- DEC/EDI Cockpit Version 3.1 or higher (SPD 53.50.xx).
- Windows 95
- ObjectBroker Run-Time for Win32 V2.6 through V2.7 (SPD 50.73.xx)
- Oracle ODBC Driver for Rdb Version 2.0.20 or higher (32-bit driver)
- TCP/IP (included with OS)
- or
- PATHWORKS V1.0A for Windows 95 (SPD 55.07.xx)

<sup>1</sup> Digital recommends that you upgrade to any DEC/EDI Cockpit installations to Version 3.1

<sup>2</sup> The DEC/EDI V3.1 Cockpit kit includes an updated Cockpit for use with DEC/EDI V2.1A or higher Servers on OpenVMS

- **On a PC running Microsoft Windows NT:**

- DEC/EDI Cockpit Version 3.1 or higher (SPD 53.50.xx).
- Windows NT 3.5.1
- ObjectBroker Run-Time for Win32 V2.6 through V2.7 (SPD 50.73.xx)
- Oracle ODBC Driver for Rdb Version 2.0.20 or higher (32-bit driver)
- TCP/IP (included with OS)
- or
- PATHWORKS V4.1B for Windows NT (SPD 51.56.xx)

- **On the DEC/EDI Server Node:**

- DEC/EDI Server running Oracle Rdb SQL/Services
- A node on the network running PATHWORKS Server when using PATHWORKS DECnet or PATHWORKS TCP/IP on the PC
- or
- A node on the network running Novell Netware Server when using Novell LAN Workplace for DOS on the PC
- or
- DEC TCP/IP Services for OpenVMS VAX V3.3 through V4.1 on the DEC/EDI Server when using TCP/IP on the PC.

#### For OPTIONAL use with DEC/EDI FileBridge:

- Oracle CDD/Repository for OpenVMS VAX V6.1 (SPD 25.53.xx)

#### SOFTWARE LICENSING

This 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 local Digital office.

Licenses for the DEC/EDI components can be purchased either individually or as a package. The following three packaged license options are available:

- DEC/EDI Bi-Synch Package (includes X.25 based connection to INS-TRADANET)
- DEC/EDI OFTP Package
- DEC/EDI X.400 Package

In addition to the specific Communications Component, each package license option (UPI= YM7 or YM8 or YM9 ) also includes the Application Client, FileBridge Run-Time and the Translation Component. All the constituent components of a packaged license option must be installed on the same processor.



**License Management Facility Support (LMF)**

This layered product supports the OpenVMS License Management Facility.

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

For more information on the License Management Facility, refer to the OpenVMS Operating System Software Product Description (SPD 25.01.xx) or the License Management Facility manual of the OpenVMS Operating System documentation set.

For more information about Digital's licensing terms and policies, contact your local Digital office.

**CLUSTER ENVIRONMENT**

This layered product is supported when installed on any single node of valid and licensed VMScLuster configurations.

If the Application connecting to the DEC/EDI Application Client is installed on a separate node, then an additional DEC/EDI Application Client needs to be installed on the same node as the Application.

The HARDWARE REQUIREMENTS sections of this product's Software Product Description detail any special hardware required by this product.

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

**OPTIONAL SOFTWARE**

The following product versions are recommended for use with DEC/EDI for OpenVMS VAX V2.1D:

- DEC/EDI Cockpit for MS-Windows, Version 3.1 or higher (QB-2YNAA-SA)
- DEC/EDI Application Client for OpenVMS VAX, Version 2.1D
- DEC/EDI Application Client for OpenVMS Alpha, Version 2.1D (SPD 53.14.xx)
- DEC/EDI Application Client for Digital UNIX Alpha, version 3.1A (SPD 53.50.xx)
- DEC/EDI Application Client for IBM AIX, version 3.1 (SPD 61.91.xx)
- DEC/EDI Application Client for HP-UX, version 3.1 (SPD 61.92.xx)
- DEC/EDI Application Client for Sun Solaris, version 3.1 (SPD 61.38.xx)

Certain versions of the following products depend upon a specific version of the Operating System and DECnet/OSI. Please refer to the SPD of the product in question to determine which version you need:

- ObjectBroker V2.6
- MAILbus 400 Digital UNIX for Alpha V1.4
- MAILbus 400 OpenVMS for VAX V1.4

**GROWTH CONSIDERATIONS**

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

A DEC/EDI system using only the FileBridge Run-Time option may require existing MAPs to be re-compiled on a system which includes the FileBridge Development option, with new releases of DEC/EDI.

**DISTRIBUTION MEDIA**

This product is available as part of the OpenVMS Consolidated Software Distribution on CD-ROM.

The software documentation for this product is also available as part of the OpenVMS Online Documentation Library on CD-ROM.

**ORDERING INFORMATION***Software Licenses*

DEC/EDI Application Client License:

QL-YM2A\*-AA      DEC/EDI Application Client

DEC/EDI Server License:

QL-23WA*-AA	DEC/EDI FileBridge Development Component
QL-YM3A*-AA	DEC/EDI Translation Component
QL-YM4A*-AA	DEC/EDI X.400 Communication
QL-YM5A*-AA	DEC/EDI OFTP Communication
QL-YM6A*-AA	DEC/EDI Bi-Synch Communication
QL-YM7A*-AA	DEC/EDI Bi-Synch Package
QL-YM8A*-AA	DEC/EDI OFTP Package
QL-YM9A*-AA	DEC/EDI X.400 Package

*Software Media:*

QA-YM1AA-H\*

*Software Documentation:*

QA-YM1AA-GZ

*DEC/EDI Cockpit for MS-Windows:*

QB-2YNAA-SA

*Software Product Services:*

QT-YM2A*-**	DEC/EDI Application Client
QT-23WA*-**	DEC/EDI FileBridge Development Component
QT-YM3A*-**	DEC/EDI Translation Component
QT-YM4A*-**	DEC/EDI X.400 Communications Component
QT-YM5A*-**	DEC/EDI OFTP Communication
QT-YM6A*-**	DEC/EDI Bi-Synch Communication
QT-YM7A*-**	DEC/EDI Bi-Synch Package
QT-YM8A*-**	DEC/EDI OFTP Package
QT-YM9A*-**	DEC/EDI X.400 Package

Each package license option (QL-YM7A\*-\*\* , QL-YM8A\*-\*\* and QL-YM9A\*-\*\*), also includes the following:

- DEC/EDI Application Client
- DEC/EDI FileBridge Run-Time
- DEC/EDI Translation Component
- The specified Communication component for installation on a single node.

\* 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

The DEC/EDI Message Updates containing Transactions, Segments, and Data Element Dictionaries for versions of ANSI X12, UCS/WINS, and EDIFACT messages will be made available on a regular basis, to those customers who purchase Layered Product Service for the DEC/EDI.

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

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