



# Software Product Description

**PRODUCT NAME:** Compaq DEC/EDI Application Client for SUN® SOLARIS®,  
Version 3.2B

**SPD 61.38.03**

## DESCRIPTION

Compaq DEC/EDI offers application developers all the facilities necessary to EDI-enable Business Applications within an Enterprise. 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. 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 multivendor 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. Either a sockets based protocol or the BEA ObjectBroker® protocol can be used to link the locally or remotely installed DEC/EDI Version 3.2 Application Clients to the DEC/EDI Server using the TCP/IP communication protocol.

DEC/EDI Application Clients are available today for:

- Tru64™ UNIX®
- OpenVMS™ Alpha™
- OpenVMS VAX™
- HP-UX®
- Sun® Solaris®

These DEC/EDI Application Clients can interoperate with a DEC/EDI Server running on Tru64 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) or 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:

- Document Status Information: Enables local and remote Business Applications to extract document status information via the TRACK Command, from either a local or remote DEC/EDI Server.
- Application to Application Messaging: Enables 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.
- Transport EDI formatted and non-EDI data: Ability to POST and FETCH documents to and from the DEC/EDI Server and by-pass the Mapping and Translation functions, for transmission and receipt from trading partners via the DEC/EDI Communication Component.

**DEC/EDI 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 enables the user to observe the processing of EDI data within a DEC/EDI Server, and to perform some operational functions. The main features provided by the Cockpit include:

- A "system monitor" function providing graphical display of the status of Messages/Transactions. This display can be updated either manually or at a predefined timing interval
- An "access control editor" application enabling the DEC/EDI administrator to restrict access to audit data and files that may be viewed by a particular Cockpit user.
- 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 "views".
- Access to Error logs.
- The ability to select documents based on business references that have been assigned through the application client interface or during the document mapping process.
- The 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 Application Client documentation set consists of:

- DEC/EDI Installation

**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)
- RFC 1767; Transmission of EDI documents over SMTP/MIME

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

- 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**

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

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

**Customer Responsibilities**

Before installation of the software, the customer must:

- Previously have installed all requisite software and hardware including terminals.
- Make available for a reasonable period of time, as mutually agreed by Compaq and the customer, all hardware, communication facilities, and terminals that are to be used during installation.

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**

Sun SPARC® Computer (Server or Workstation)

**Disk Space Requirements**

**Table 1  
Disk Space Required for Installation**

/usr	750 Kbytes
/var	110 Kbytes
/etc	60 Kbytes

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

/usr	700 Kbytes
/var	80 Kbytes
/etc	60 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.

Additional disk space is required depending on performance needs, message size, and software options.

The minimum memory supported is 4MB.

**DISTRIBUTION MEDIA**

CD-ROM

**SOFTWARE REQUIREMENTS**

- Sun Solaris Version 2.4-5 through 2.5
- Installation of TCP/IP (included with Sun Solaris) on the DEC/EDI Application Client for Sun Solaris Platforms.

BEA ObjectBroker is now optional for connection to DEC/EDI Version 3.2 or higher servers supporting TCP/IP. Where BEA ObjectBroker is used, the following versions are supported:

- BEA ObjectBroker for UNIX Sun Solaris V2.6 or V2.7

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

**OPTIONAL SOFTWARE**

The following products can be used in conjunction with the DEC/EDI Application Client for Sun Solaris:

- DEC/EDI Cockpit for MS-Windows, Version 3.2 (QB-2YNAA-SA)
- DEC/EDI for Tru64 UNIX, Version 3.2 (SPD 53.50.xx)
- DEC/EDI for OpenVMS Alpha, Version 3.2 (SPD 53.14.xx)
- DEC/EDI for OpenVMS VAX, Version 3.2 (SPD 53.14.xx )
- BEA ObjectBroker for UNIX Sun Solaris V2.6 or V2.7

**GROWTH CONSIDERATIONS**

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

**ORDERING INFORMATION**

*Software Licenses:*

QL-5HDA\*-AA DEC/EDI Application Client

*Software Media:*

QA-5HDAA-H8

*Software Documentation:*

QA-5HDAA-GZ

*Software Product Services:*

QT-5HDA\*-\*\* DEC/EDI Application Client

DEC/EDI Cockpit V3.2:

QB-2YNAA-SA

\* 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 Compaq office for the most up-to-date information.

**SOFTWARE PRODUCT SERVICES**

Compaq offers a number of consulting services to assist customers in the planning, installation, application integration and management of the EDI system. For more information, contact your local Compaq office.

**SOFTWARE WARRANTY**

The procedures documented in the DEC/EDI documentation must be carried out on a regular basis to ensure that DEC/EDI is properly managed in a production environment.

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 to this SPD.

The above information is valid at time of release. Please contact your local Compaq office for the most up-to-date information.

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