# Software Product Description

**PRODUCT NAME: CDA Converter Library for VMS, Version 1.1** **SPD 31.31.01**

## DESCRIPTION

The CDA Converter Library allows users of document and table data files to convert to and from a variety of other standard document and table file formats. The CDA Converter Library adds a broader set of supported formats to the file conversion facility that is a part of VMS with VMS DECwindows.

The CDA Converter Library for VMS supports both DECwindows workstations and timesharing systems with the DECwindows Compute Server installed. The user interface provided by DCL and by DECwindows application programs such as DECwrite or DECdecision remains the same, except that more formats are available.

The supported formats are:

- Document Converters (each of these is bi-directional)
  - — AFS - Alternate Format Syntax - for use with ASCII Editors
  - — DCA - IBM® PC Word Processing Std., text
  - — DX - DEC WPS-PLUS and word processors
  - — SGML - ISO Standard markup language
- Table Data Converters
  - — WK1 - Lotus 1-2-3® V2, bi-directional
  - — DIF - Industry Std. Data Interchange Format, read-only
  - — CALCGRD - DECalc V3.0A Binary Grid files, read-only
  - — ASCII Tabular Generic ASCII tabular files, bi-directional
- Graphics Converters
  - — CGM ANSI Computer Graphics Metafile, read-only
  - — TIFF Tagged Image File Format, bi-directional
  - — MacPaint™ Macintosh bitmap bi-directional
  - — DDIF Graphics Hardcopy converter, write-only (5 formats) (Requires optional DEC GKS V4.0, see Optional Software section in SSA 31.31.01-x)
    a. HPGL Hewlett-Packard® plotter format
    b. Monochrome Sixel
    c. Color Sixel
    d. ReGIS
    e. PostScript®

*Restrictions*

The converters in the CDA Converter Library do not perform modality conversions such as converting a text file into an image or the reverse. Converters that support compound formats, such as DDIF, do process the text, graphics and images in the input data, but the output format specified by the user limits the conversion process. If the user takes a DDIF document and converts it to ASCII text, any non-text elements will be lost because they cannot be represented in the ASCII format. For cases where it is desirable to edit a compound document using an ASCII editor, the bi-directional AFS format converter may be used. The text file produced by the AFS converter contains tag references to temporary files where the non-text data is stored until the document is re-converted to a compound format.

## HARDWARE REQUIREMENTS

VAX, MicroVAX, VAXstation, or VAXserver configuration as specified in the System Support Addendum (SSA 31.31.01-x).

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October 1990
AE-NJ73B-TE

## SOFTWARE REQUIREMENTS*

*For Systems Using Character Cell Terminals Only (No DECwindows Interface):*

VMS Operating System

**Note:** DECwindows software MUST be installed on the system where the CDA Converter Library will be running.

*For Workstations Running DECwindows:*

VMS Operating System (and necessary components of VMS DECwindows)

- Refer to the System Support Addendum (SSA 31.31.01-x) for availability and versions of required software and for information regarding components of VMS DECwindows.

## ORDERING INFORMATION

Software Licenses: QL-VZAA*-**
Software Media: QA-VZAA*-**
Software Documentation: QA-VZAAA-GZ
Software Product Services: QT-VZA*-**

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

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This layered product supports the VMS License Management Facility.

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

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

The CDA Converter Library for VMS supports LMF at install time.

## SOFTWARE PRODUCT SERVICES

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

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