Software Product Description

PRODUCT NAME: WPS-PLUS for VMS, Version 4.0 **SPD 26.27.10**

DESCRIPTION

WPS-PLUS for VMS is a menu driven document processing software system that provides GOLD KEY style word processing for VMS users. It allows WPS-PLUS users to create, format and print documents that contain text, includes Encapsulated PostScript® (EPS) graphics and application data generated by a variety of Digital Equipment Corporation software products using the External Application Link. WPS-PLUS for VMS is installed as a layered product on VMS systems.

WPS-PLUS for VMS software is compatible with Digital's Compound Document Architecture (CDA); it provides document conversion to the Digital Data Interchange Format (DDIF). DDIF files may also be imported into the WPS-PLUS system by using the document conversion features available from the WPS-PLUS Document Transfer Facility.

The WPS-PLUS for VMS product provides word processing, EPS graphics inclusion, Two-Dimensional Editing, Editor Math, and List and Sort Processing capabilities. These features can be used to create high quality, sophisticated documents for distribution throughout the enterprise.

Features

WPS-PLUS for VMS software presents GOLD KEY style editing and other document processing functions though straightforward menu selections. Menus display options such as Create, Edit, Delete, Print, Read, Index, Send, Document Transfer, User-Defined Processing, File Cabinet Operations, Language Aids, List and Sort Processing and Training. Associated menu selections and options provide for additional and complementary functions.

The WPS-PLUS for VMS editor supports a displayed ruler for defining text-positioning information such as left margin, tab stops, word wraps and right margins. Additional information such as justification of lines and positioning of EPS graphics is also defined using the ruler. Different levels of indentation and automatic word wrapping is possible without the need to redefine ruler settings.

WPS-PLUS for VMS users can create and save an unlimited number of rulers with defined unique names. The ruler definition allows users to store, list, select, and delete any user named ruler. Rulers can also be stored system wide for WPS-PLUS users to list and access commonly used ruler definitions.

Training/Help

WPS-PLUS for VMS provides comprehensive, task-oriented, online training that is suitable for novices, as well as experienced users. Comprehensive training, including a *New Features* section, is available from a main menu selection. WPS-PLUS for VMS also provides extensive online Help that enables users to obtain information on keyboard layout, function keys, the current editing function, the current field in forms, and menu entries.

An optionally displayed status line provides users with information such as the document name, folder and number, along with the current ruler settings. A displayed select mark is provided to inform users of the relative position and status of the select operation.

Informational messages are displayed, when appropriate, to guide and help WPS-PLUS users through various document processing functions.

Editor

WPS-PLUS for VMS software includes a full word processing Editor with functions such as select, cut, paste, undelete, and navigation. Users can choose to edit documents in either insert or overstrike mode and retain the current rendition (for example, bold, underline) of text while editing. The WPS-PLUS for VMS product provides extensive search and replace capabilities including the ability to search for special characters. WPS-PLUS for VMS software allows for simultaneous editing of up to 10 documents, with the addition of 10 fully-functional cut and paste buffers to move or copy text within a document, or from one document to another. The WPS-PLUS editor offers a directory of the open documents and allows users to access any open document while retaining the individual cursor position within

each document. Automatic centering, underlining, bolding, uppercasing, double underscoring, superscripting and subscripting are available through easy to use key strokes. A customizable date and time stamp is available, from a menu selection, for WPS-PLUS users to create and display the format of their choice. The Editor window can be increased to extend view and edit capabilities up to 54 lines (on appropriate devices) in length.

The WPS-PLUS editor provides language aids such as spell checking and correcting (using standard and optional lexicons), usage alert, and thesaurus. User-specific and system-wide shared dictionaries are available when spell checking and correcting a document. Refer to the System Support Addendum (SSA 26.27.10-x).

An optional grammar checker facility is available to complement the word processing capabilities of the WPS-PLUS for VMS system. Refer to Software Support Addendum (SSA 26.27.10-x).

Advanced Editing

Advanced editorial features such as redlining, change bars, full footnote and endnote creation, editing and searching, and an on-screen, twenty-five column editor makes WPS-PLUS for VMS software an appropriate application for documentation and publication groups. WPS-PLUS for VMS supports the Digital Multinational character set and technical characters.

User-Defined Processes (UDPs) allow users to automate frequently repeated key sequences. UDPs may be defined and invoked from any menu or form, other UDPs, or while editing a document. Users can create, edit, list, print, or delete any number of UDPs.

The Two-Dimensional Editor (TDE) allows users to create, edit, and position diagrams of any length that include horizontal and vertical lines, boxes, scientific equations, line drawings, charts, matrixes, and VT100 character set equations.

List Processing and Sort Processing allows users to create customized documents, letters or reports. A running total of records processed can be displayed on the user's screen, or any number of List or Sort Processing jobs can be submitted to run in a background mode for other WPS-PLUS functions (such as document editing) to be performed simultaneously. Users are automatically informed when the job is complete and provided with a log of processed jobs.

Management of background List or Sort Processing jobs is available by use of the Job Services option from a menu selection. Job Services allows users to view an index of active jobs, delete, and hold jobs within the queue.

Editor Math allows users to perform calculations with four math function capabilities.

The WPS-PLUS for VMS product provides advanced users the ability to link into a variety of software products by using the External Application Link (XAL).

With a few keystrokes, users can select abbreviation and library documents to insert stored words, phrases, and paragraphs.

Integrated Filing System

WPS-PLUS for VMS software provides an integrated filing system with a File Cabinet for each user. The File Cabinet features: document and folder names, user defined keywords for each document, and retrieval by folder or document name, keyword or number. A document folders index can be viewed while selecting documents. The ability to delete, copy, or cross-file documents into other folders allows for a truly organized and easy to use filing system.

The WPS-PLUS for VMS product allows multiple users to access and edit common, system-wide WPS-PLUS documents by using the Reference External file feature.

Formatting and Printing

Printer tables contain both the attribute and character definitions necessary to support a specific printer along with sheet feeder or bin selection information when applicable. WPS-PLUS for VMS allows users to create or modify printer tables, allowing each user to maintain unique printer tables. User options include the ability to create a table from an existing system table, edit, print, rename, or delete printer tables.

WPS-PLUS for VMS provides full proportional printing and spacing capabilities, and support of PostScript devices. If desired, WPS-PLUS software will wrap text automatically. To format and print properly, proportional printing takes into consideration tab positions, centering, tabular columns, and justification settings. Changing fonts and point sizes within lines of text is performed easily by assigning renditions (for example, bold, underline, etc.) to print in any valid specified font and size. For justified text, users may wish to enhance the final appearance of their documents by selecting user-definable hanging punctuation.

When formatting a document, users can specify which standard or optional language lexicon to use with automatic hyphenation. Refer to System Support Addendum (SSA 26.27.10-x).

The print facility supports stored settings that allow users to define page size and layout, top and bottom margins, inter-column spacing, and horizontal and vertical pitch values. Dynamic pagination is user-controlled and settings can be defined within the actual document. Users can chose to mix portrait and landscape pages within a single document and define differing numbering schemes for pages, footnotes or sections. WPS-PLUS for VMS software automatically allows for the placement of headers and footers at the top or bottom of each page with an optional alternating fashion. Printing of multiple column tables, automatic page numbering, control of widows and orphans, non-breaking blocks of text, one-pass paragraph numbering, tables of contents, tables of authorities, and indexes are examples of the extensive formatting features available within the WPS-PLUS for VMS product.

A menu selection allows users to print documents (on supported devices) in number up, simplex, duplex, and tumble print styles and to specify different page sizes on appropriate devices. Refer to System Support Addendum (SSA 26.27.10-x).

Printing WPS-PLUS-created PostScript files to non-PostScript devices is also supported by using the optional DECprint Utility for PostScript to Sixel Printing for VMS V1.0. (SPD 31.56.xx)

Management of background printing jobs is available through use of the Job Services Option from a menu selection.

Graphics

WPS-PLUS for VMS provides users with the ability to include, size, and position Encapsulated PostScript (EPS) graphic files. EPS files can be scaled horizontally and vertically to exact dimensions in either inches or centimeters. The WPS-PLUS for VMS product supplies users with over 100 EPS graphic art images that can be used to enhance the visual impact of their documents.

Conversions and Transferring Documents

WPS-PLUS for VMS allows users to interchange documents between supported personal computers running WPS-PLUS/DOS. Documents can also be transferred to and from the DECmate II and DECmate III workstations. Conversion of documents to the Digital Data Interchange Format (DDIF), DX, and ASCII file formats is available as is the ability to import documents from these respective formats.

A menu selection allows users to choose to convert a WPS-PLUS document, minus text attributes, to a VMS file and send it using VMSmail.

High Quality Output

The WPS-PLUS for VMS document processing system provides the necessary tools to allow for the creation and printing of high quality, professional looking documents.

- Proportional printing
- Support of PostScript devices
- Automatic hyphenation
- Inclusion of scalable Encapsulated PostScript graphics
- Over 100 EPS graphics art images
- Extensive document customization
- Full array of language aids

HARDWARE REQUIREMENTS

VAX, MicroVAX, VAXstation or VAXserver configuration as specified in the System Support Addendum (SSA 26.27.10-x).

SOFTWARE REQUIREMENTS*

- VMS Operating System
- VAX FMS Runtime Only System

VAX ScriptPrinter Software is required to print non-PostScript files to a ScriptPrinter

Note:

VAX FMS Runtime Only System is a prerequisite to run WPS-PLUS for VMS. The Runtime Only System is included in the complete FMS product kit, but can be purchased separately. The complete VAX FMS product kit is not required.

Customers who have not purchased the complete FMS product kit, must purchase the FMS Runtime Only System software license as well as the FMS Runtime Only Media Kit.

* Refer to the System Support Addendum (SSA 26.27.10-x) for availability and versions of required software.

ORDERING INFORMATION

Software Licenses: QL-AAMA*-**
Software Media: QA-AAMA*-**
Software Documentation: QA-AAMAA-GZ
Software Product Services: QT-AAMA*-**

* 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 Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your local Digital office.

LICENSE MANAGEMENT FACILITY SUPPORT

This layered product supports the VMS License Management Facility. License units for this product are allocated on a CPU-capacity basis.

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 on Digital's licensing terms and policies, contact your local Digital office.

SOFTWARE PRODUCT SERVICES

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SOFTWARE WARRANTY

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