# digital

# Software Product Description

**PRODUCT NAME: DX/VMS, Version 1.0, WPS-8 to Host Software Utility**          SPD 25.25.0

## DESCRIPTION:

DX/VMS is a FORTRAN IV-PLUS software package that executes on a VAX/VMS operating system. It enables a WPS-8 word processing system running WPS-8, WPS-8/78, or WPS-8/MTS software to communicate with the VAX/VMS host over an asynchronous terminal interface. The WPS-8 system appears to the host to be a normal terminal. Communication between the WPS-8 system and the VAX/VMS system uses the DX error-correcting message protocol. DX/VMS thus effectively enables distributed stand-alone WPS-8 systems and the host VAX/VMS system to be linked together for better system utilization and data sharing. The DX/VMS package includes utility programs that convert VAX/VMS files stored in word processing format to VAX/VMS files stored in ASCII format and vice versa.

DX/VMS enables the WPS-8 system user to:

- Store word processing format files on a VAX/VMS system and later retrieve them. The ability to use the VAX/VMS disk structure enables the WPS-8 system user to access a large number of documents that might fill several document floppies, including large documents filling an entire floppy.
- Use the high-speed PDP-11 line printer connected to the VAX/VMS system to print rough drafts and other documents which do not require letter quality printing. This increases system throughput and increases the availability of the WPS-8 letter quality printer for printing final drafts. Conversely, the VAX/VMS system user can output text files converted from the VAX/VMS file system on the WPS-8 letter quality printer.
- Create VAX/VMS source language and data files off-line from the VAX/VMS system using the WPS-8 editor, and then transmit the files to the VAX/VMS system for processing.

## MINIMUM HARDWARE REQUIRED:

The following system configurations are required:

- Any valid VAX/VMS operating system configuration supporting FORTRAN IV-PLUS that has an available local or remote serial asynchronous terminal line supported by the operating system.
- Any valid WPS-8 or WPS-8/MTS system configuration with communication option or one WS78-CA.

Each additional WPS-8 system connected to the VAX/VMS system requires its own line.

## OPTIONAL HARDWARE:

None

## PREREQUISITE SOFTWARE:

- VAX/VMS, Version 1 or later
- FORTRAN IV-PLUS/VAX, Version 1 or later

One of the following:

- WPS-8, Version 3.0 or later
- WPS-8/FTS, Version 3.0 or later
- WPS-8/78, Version 3.0 or later

## OPTIONAL SOFTWARE:

None

## TRAINING CREDITS:

None

## SUPPORT CATEGORY:

C — Software Support will be provided as stated in the Software Support Categories Addendum to this SPD.

## UPDATE POLICY:

Software Updates, if any, released by DIGITAL during the one (1) year period following installation, will be provided to the customer for a media charge (includes no installation). After the first year, updates, if any, will be made available according to then prevailing DIGITAL policies.

## ORDERING INFORMATION:

All binary licensed software, including any subsequent updates, is furnished under the licensing provisions of DIGITAL's Standard Terms and Conditions of Sale, which provide in part that the software and any part thereof may be used on only the single CPU on which the software is first installed, and may be copied, in whole or in part (with the proper inclusion of the DIGITAL copyright notice and any DIGITAL proprietary notices on the software) only for use on such CPU. All source licensed software is furnished only under the terms and conditions of a separate Software Program Sources Agreement between Purchaser and DIGITAL.

The following key (M) represents the distribution media for the product and must be specified at the end of the order number, e.g., QE707-YM = sources on 9-track magnetic tape.

M = 1600 bpi 9-track Magnetic Tape

*Standard Options*
QE707 -Y— Single-use license, source license, sources, documentation, no support services (media: M)

**ADDITIONAL SERVICES:**
None

ADDENDUM
SOFTWARE SUPPORT CATEGORIES

Each software product (hereinafter 'SOFTWARE') with a designated Support Category A or B in the applicable Software Product Description (SPD) existing at the time of order will be the current release at the time of delivery and will conform to the SPD. DIGITAL's sole obligation shall be to correct defects (nonconformance of the SOFTWARE to the SPD) as described below. Any SOFTWARE with a designated Support Category C will be furnished on an 'as is' basis.

For SOFTWARE with a designated Support Category A or B, DIGITAL will provide the services set forth below without additional charge.

CATEGORY A

1. Upon notification by customer to the nearest DIGITAL office that the computer system, including all required prerequisite hardware and software, is ready for the installation of the SOFTWARE, DIGITAL will install such SOFTWARE in any location within the contiguous forty-eight (48) United States, the District of Columbia, or a country in which DIGITAL or a subsidiary of DIGITAL has a software service facility. The notification must be received by DIGITAL and the system must be ready for installation within thirty (30) days after the delivery of the SOFTWARE to customer or DIGITAL will have no obligation to install. Installation will consist of: (1) verification that all components of the SOFTWARE have been received by customer, (2) loading the SOFTWARE, and (3) executing a DIGITAL sample procedure.

2. During the ninety (90) day period after installation, if the customer encounters a problem with the current unaltered release of the SOFTWARE which DIGITAL determines to be a defect in the SOFTWARE, DIGITAL will provide the following remedial service (on site where necessary): (1) if the SOFTWARE is inoperable, apply a temporary correction (TC) or make a reasonable attempt to develop an emergency by-pass, and (2) assist the customer to prepare a Software Performance Report (SPR) and submit it to DIGITAL.

3. During the one (1) year period following installation, if the customer encounters a problem with the SOFTWARE which his diagnosis indicates is caused by a SOFTWARE defect, the customer may submit an SPR to DIGITAL. DIGITAL will respond to problems reported in SPRs which are caused by defects in the current unaltered release of the SOFTWARE via the Maintenance Periodical for the SOFTWARE, which reports SPRs received, code corrections, temporary corrections, generally useful emergency by-passes and/or notice of the availability of corrected code. Software Updates, if any, released by DIGITAL during the one (1) year period, will be provided to the customer on DIGITAL's standard distribution media as specified in the applicable SPD. The customer will be charged only for the media on which such updates are provided, unless otherwise stated in the applicable SPD, at DIGITAL's then current media prices.

CATEGORY B

During the one (1) year period following delivery, the services provided to the customer will be the same as set forth in 3 above.

CATEGORY C

SOFTWARE is provided on an 'as is' basis. Any software services, if available, will be provided at the then current charges.

DIGITAL shall have the right to make additional charges for any additional effort required to provide services resulting from customer use of other than current unaltered release of the SOFTWARE operated in accordance with the SPD.