Software Product Description

PRODUCT NAME: DECimage Scan Software for VMS, Version 2.1 **SPD 25.D4.02**

DESCRIPTION

DECimage Scan Software is a DECwindows application for the capture, adjustment, and delivery of bitonal (black and white), grayscale, and color images. It allows users to set up and control supported Image Scanners. Other capabilities include scan, preview, adjustment of images, reading and creating DDIF image files, and mailing image files. Files created using DECimage Scan Software can be used by other applications that operate on image files in DDIF (Digital's Document Interchange Format).

DECimage Scan Software supports the MD300, MD400, and MD410 Image Scanners. The MD300 scanner requires connection to a Q–bus based VAX or VAXstation. The MD400 and MD410 scanners require connection to a VAXstation 3100. DECimage Scan Software provides access from any workstation running DECwindows (VMS or ULTRIX) to a scanner connected to a remote node within a DECnet LAN.

Features:

Scanner Selection

Scanner type:	MD300, MD400, or MD410
Scanner features:	ADF, Endorser, and h/w compression
Location:	local or remote node

Scanner Setup

Compression:	MD410 only
Resolution:	60 - 400 DPI, MD300 75 - 300 DPI
Units:	Inches or centimeters
Brightness:	—
Contrast:	—
Grain:	MD300 halftone mode only
Scan Mode:	Line art or grayscale MD400 and MD410 Line art or halftone MD300
Page Size:	A, A4, and LEGAL B (MD410 only)
Doc Feed:	Book mode or automatic
Scan Frame:	—
Window Setup:	MD300 only

Image Delivery

Compression:	G42D, G32D, G31D, NONE
Delivery:	Preview before write or no preview
Endorser:	Disabled or enabled
Signature:	User-entered character string for ENDORSER (up to 19)
Filename:	User-defined file name for automatic delivery of scanned images
Pages:	Allows selection of number of pages to be scanned from automatic sheet feeder

Preview image — Displays the image scaled to fit into the preview window or magnified to display each pixel of the scanned image. MAGNIFY mode allows the selection of the degree of magnification (10% - 200%). If the image does not fit within the window it can be panned to preview the entire image. MAGNIFY mode provides a separate Scaled View window that shows the entire image, indicating the panned area of the image being previewed. The amount of magnification depends on the resolution of the scanned image. Higher resolution causes greater magnification.

Edit Functions

CROP	Allows selection of a rectangular region of the original image and deletes the remainder.
WASH	Allows selection of a rectangular region of the original image so that it can be set to all white or all black.
REVERSE	Allows selection of a rectangular region of the original image and inverts the pixel values within the region (white to black and black to white). Grayscale and color images can also be reversed.
ROTATE	Rotates the entire image by a specified angle from -360 to +360 degrees.
UNDO	Allows the user to undo the last edit function.
CLIPBOARD	CUT, COPY, PASTE selected regions of an image being viewed.

File Functions

SAVE AS	Creates a file in DDIF format of the scanned image using the user-defined file specifications.
OPEN AS	Reads a DDIF formatted image file for preview and edit (uncompressed bitonal, grayscale, and RGB color, or compressed CCITT Group III, Group IV, or DCT).
MAIL TO	Mails the scanned image to a local or remote DECwindows Mail user.
PRINT	Sends an image in memory to a selected print queue.

Customize Functions

Allow the user to retain settings that customize the operation of DECimage Scan Software.

HARDWARE REQUIREMENTS

VAX, MicroVAX, VAXstation, or VAXserver configurations as specified in the System Support Addendum (SSA 25.D4.02-x).

SOFTWARE REQUIREMENTS

VMS Operating System (and necessary components of VMS DECwindows)
DECnet/VAX

Refer to the System Support Addendum (SSA 25.E8.01-x) for availability and required versions of prerequisite/optional software and for information regarding components of VMS DECwindows.

ORDERING INFORMATION

Software Licenses: QL-VPFA*-**
Software Media and Documentation: QA-VPFAA-H*
Software Documentation: QA-VPFAA-GZ
Software Product Services: QT-VPFA*-**

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

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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.

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SOFTWARE PRODUCT SERVICES

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SOFTWARE WARRANTY

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