digital™

# *Cover Letter for DECwindows™ Motif® Version 1.2-3 for OpenVMS™*

**AV–PHQ3H–TE**

Dear DECwindows Motif for OpenVMS Customer:

Digital is pleased to provide you with the DECwindows Motif Version 1.2-3 for OpenVMS VAX and DECwindows Motif Version 1.2-3 for OpenVMS Alpha products. Except where noted, the information in this cover letter applies to both products.

The DECwindows Motif Version 1.2-3 for OpenVMS products are based on the X Consortium's specification for the X Window System™, Version 11, Release 5 (X11R5), and on OSF/Motif® Release 1.2.3. The following new features are included in this DECwindows Motif release:

- The OSF/Motif Release 1.2.3 Toolkit from the Open Software Foundation. The Release 1.2.3 Toolkit contains more than 600 Toolkit bug fixes.
- The National Center for Supercomputer Applications (NCSA) Mosaic™ viewer. Mosaic is a World Wide Web browser that allows you to navigate and access information on the Internet.
- Internationalization changes to the out-of-the-box applications to support non-ISO Latin 1 character input.
- A POLYCENTER Software Installation kit for installing DECwindows Motif. POLYCENTER software allows you to easily install and track software products on your system. See the *DECwindows Motif Version 1.2-3 for OpenVMS Installation Guide* for more information about installing DECwindows Motif Version 1.2-3 with POLYCENTER software.
- A console window application that lets users display operator messages without toggling between DECwindows Motif windows and the workstation console window.
- Improved non-C language bindings.
- DECwindows Mail is now built against the OSF/Motif Release 1.2.3 Toolkit. (In DECwindows Motif Version 1.2, DECwindows Mail was built against the OSF/Motif Release 1.1.3 Toolkit.)
- At the release of OpenVMS Alpha Version 6.2, shareable linkages will be used to install images on DECwindows Motif Version 1.2-3 for OpenVMS Alpha. These shareable images:
  - — Enhance startup performance by decreasing image-activation time
  - — Conserve memory usage by decreasing the total of memory pages used by the image
- Several hundred bug fixes made to the DECwindows Motif out-of-the-box applications.

**© Digital Equipment Corporation. 1995. All rights reserved.**

---

® Interleaf is a registered trademark of Interleaf, Inc. Motif, Open Software Foundation, OSF, OSF/1, and OSF/Motif are registered trademarks of the Open Software Foundation, Inc. PostScript and Display PostScript are registered trademarks of Adobe Systems Incorporated.

™ Mosaic and National Center for Supercomputer Applications (NCSA) Mosaic are trademarks of the University of Illinois at Urbana-Champaign. The X Window System is a trademark of the Massachusetts Institute of Technology.

™ AlphaStation, AlphaServer, Bookreader, DEC Ada, DECDOCUMENT, DEClinks, DECsound, DECwindows, DECwrite, Digital, the DIGITAL logo, MicroVAX II, OpenVMS, POLYCENTER, TURBOchannel, VAX, VAX–11/750, VAX–11/780, VAXserver, VAXstation, OpenVMS, and XUI are trademarks of Digital Equipment Corporation.

See the first chapter of the *DECwindows Motif Version 1.2-3 for OpenVMS Release Notes* for a complete list of new features.

DECwindows Motif Version 1.2-3 for OpenVMS software complies with the License Management Facility (LMF) and requires a license Product Authorization Key (PAK). If you are currently running DECwindows Motif Version 1.2 for OpenVMS VAX or Alpha software, you do not need to reinstall the PAK. However, if you are a new customer and you are not running DECwindows Motif Version 1.2 for OpenVMS VAX or Alpha software, you must register and load your license PAK before installing the DECwindows Motif Version 1.2-3 for OpenVMS products.

## DECwindows Motif for OpenVMS Kit Contents

Your DECwindows Motif Version 1.2-3 for OpenVMS kit contains:

- A CD–ROM, 2 TK50 tape cartridges, or two magnetic tapes. The volume label for the CD–ROM is DWMOTIF123; the volume label for the TK50 and magnetic tape is DWM123. The *DECwindows Motif Version 1.2-3 for OpenVMS Release Notes* are provided in save set A.
- The *DECwindows Motif Version 1.2-3 for OpenVMS Installation Guide.*
- The CD–ROM contains both the DECwindows Motif User and Programming documentation sets in Bookreader format. The CD–ROM, TK50, and magnetic tape all contain the Software Product Description (SPD) in POSTSCRIPT® (.PS) and ASCII (.TXT) formats.

  If you purchased the TK50 cartridge or magnetic tape, you also received the following hardcopy documentation:

  — *Overview of DECwindows Motif for OpenVMS Documentation*

  — *Using DECwindows Motif for OpenVMS*

  — *DECwindows Motif for OpenVMS Applications Guide*

  — *DECwindows Motif for OpenVMS Quick Reference Card*
- This cover letter.

## Prerequisite OpenVMS VAX and OpenVMS Alpha Support

To run DECwindows Motif Version 1.2-3 for OpenVMS VAX, you must be running OpenVMS VAX Version 5.5-2 or higher software. To run DECwindows Motif Version 1.2-3 for OpenVMS Alpha, you must be running OpenVMS AXP Version 1.5 or higher software.

## Minimum Memory Hardware Requirements

The minimum amount of memory required for a system user to install, boot, and log in to an OpenVMS VAX system running DECwindows Motif Version 1.2-3 for OpenVMS VAX is 12 MB; 16 MB is highly recommended for more robust performance.

The minimum amount of memory required for a system user to install, boot, and log in to an OpenVMS Alpha system running DECwindows Motif Version 1.2-3 for OpenVMS Alpha is 32 MB.

## Installing DECwindows Motif with POLYCENTER Software

You must use the POLYCENTER Software Installation utility to install your DECwindows Motif Version 1.2-3 for OpenVMS software on OpenVMS Version 6.2 (or higher) systems. You can use either the POLYCENTER Software Installation utility or the VMSINSTAL procedure to install your DECwindows Motif Version 1.2-3 for OpenVMS software on OpenVMS Version 6.1 systems. You must use the VMSINSTAL procedure to install DECwindows Motif Version 1.2-3 software on Version 5.5-2 through Version 6.0 OpenVMS systems.

Although DECW$MOTIF_TAILOR.EXE is not shipped as part of the POLYCENTER Software Installation utility included in the DECwindows Motif Version 1.2-3 kit, you may have DECW$MOTIF_TAILOR.EXE residing on your system from an earlier installation of DECwindows Motif. If you have installed DECwindows Motif using the POLYCENTER software and intend on tailoring any DECwindows Motif components, be sure to use the POLYCENTER tailoring feature. Do not use DECW$MOTIF_TAILOR.EXE to tailor DECwindows Motif files. The POLYCENTER utility keeps a history of files installed. If you tailor DECwindows Motif files using DECW$MOTIF_TAILOR.EXE, the POLYCENTER utility history files will not be correct.

## Documentation

The following DECwindows Motif documentation has been updated for the DECwindows Motif Version 1.2-3 for OpenVMS release:

- *DECwindows Motif Version 1.2-3 for OpenVMS Release Notes*; in .TXT format in save set A on the media kit
- *DECwindows Motif Version 1.2-3 for OpenVMS Installation Guide*
- *DECwindows Motif Version 1.2-3 for OpenVMS CD–ROM User's Guide*
- *DECwindows Extensions to Motif*
- *DECwindows Companion to the OSF/Motif Style Guide*
- *DECwindows Motif Guide to Application Programming*

Refer to the *DECwindows Motif Version 1.2-3 for OpenVMS Release Notes* for a complete list of product documentation.

## Bookreader

For the foreseeable future, Bookreader will continue to be the OpenVMS default online documentation viewer. The Interleaf® WorldView Viewer will not be bundled in DECwindows Motif for OpenVMS. CONOLD (consolidated online documentation) will also continue to deliver Bookreader files for viewing OpenVMS operating system and DECwindows Motif documentation. We will continue to use DECDOCUMENT and DECwrite to develop Bookreader files.

## NCSA Mosaic

The NCSA Mosaic viewer is installed as part of the DECwindows Motif Version 1.2-3 for OpenVMS systems product installation. The NCSA Mosaic viewer is provided as sample, ''as is'' software to introduce you to the Internet and help you get started using a World Wide Web viewer. Because the NCSA Mosaic viewer that ships with this release is only a sample implementation, we have placed Mosaic with the other sample software in the DECW$UTILS directory. We plan to replace this sample NCSA Mosaic viewer implementation in a future release.

## DEClinks

DEClinks, formerly known as LinkWorks, is no longer a supported DECwindows Motif feature. Support for DEClinks is removed from the Session Manager, from the desktop applications menus, and from the out-of-the-box (OOTB) desktop applications. Refer to the *DECwindows Motif Version 1.2-3 for OpenVMS Release Notes* for more information.

## Restrictions

The following restrictions apply to the DECwindows Motif Version 1.2-3 for OpenVMS release:

- Application development is supported for the OSF/Motif Release 1.2.3 Toolkit only. The DECwindows Motif Version 1.2-3 for OpenVMS VAX and Alpha releases do not support development with the X User Interface (XUI), OSF/Motif Release 1.1.3 Toolkit, or Release 1.2.2 Toolkit, although run-time support is available for these environments. However, you can save the XUI or Motif Release 1.1.3 programming files that exist on your system prior to the installation of the DECwindows Motif Version 1.2-3 for OpenVMS kit. If you choose to save these programming files, they will be moved to directories and can be accessed for programming. Refer to the *DECwindows Motif Version 1.2-3 for OpenVMS Installation Guide* for more information.
- The OSF/Motif Release 1.1.3 and Release 1.2.3 Toolkits, on which the DECwindows Motif Versions 1.1 and 1.2-3 layered products, respectively, are based, are incompatible with each other. However, applications built against the OSF/Motif Release 1.1.3 Toolkit will continue to run without modification with DECwindows Motif Version 1.2-3 for OpenVMS. The OSF/Motif Release 1.1.3 Toolkit shareable libraries will continue to be supplied with the DECwindows Motif Version 1.2-3 for OpenVMS layered product and will be available to existing DECwindows applications on the system.

  Although DECwindows Motif Version 1.1 applications will continue to run without modification with DECwindows Motif Version 1.2-3 for OpenVMS, it is important to note that only those applications that have been built against the OSF/Motif Release 1.2.2 or Release 1.2.3 Toolkits can take advantage of OSF/Motif Release 1.2 features, such as the drag-and-drop features and tear-off menus. Refer to the *DECwindows Motif Version 1.2-3 for OpenVMS Release Notes* for more information.
- Application development with DECwindows Motif Version 1.2-3 for OpenVMS software is supported with the Ada, C, DEC C++, Fortran, and Pascal programming languages only. OSF/Motif ''strongly typed'' language bindings for Ada are available in the DEC Ada for OpenVMS Alpha layered product.
- Although Bookreader does support draft printing, this feature is not intended to duplicate the quality of hardcopy books. In addition, while users can print out Bookreader topics that span a couple of pages, printing more pages will produce unsatisfactory results.
- DECsound is supported only on TURBOchannel systems. TURBOchannel systems that support DECsound include the following:

  DEC 3000 Model 400 series
  DEC 3000 Model 500 series
  DEC 3000 Model 700 series
  DEC 3000 Model 900 series
  VAXstation 4000 Models VLC, 60, and 90

  DECsound is not supported on the following systems:

  DEC 2000 Model 300 series
  AlphaStation 200
  AlphaStation 400

## X User Interface (XUI) Support

By continuing to provide the XUI run-time environment in several DECwindows Motif releases, Digital has provided customers with a gradual transition from XUI to Motif. However, future versions of the DECwindows Motif product will not include run-time support for either XUI or previous versions of the OSF/Motif toolkit. Customers have consistently expressed a preference for the standards-based Motif technology.

## Unsupported Processors

For performance reasons, the following processors are not supported as of the release of the DECwindows Motif Version 1.2 for OpenVMS VAX product:

VAXstation II
VAXstation 2000
MicroVAX II
MicroVAX 2000
VAX–11/750
VAX–11/780
VAX–11/785