

# HP Campus STANDARD Release BY01

Contents Document AV-RV0DX-TE September 2008

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## **Column Information** (Key to layout of pages):

Column 1: PRODUCT NAME

Column 2: VERSION

Column 3: UPILV (Unique Product Identifier Language Variant)

Column 4: CD-ROM Disk number.

### *Note:*

S/A = INDIVIDUAL CD (e.g. HP Tru64 UNIX Operating System CD-ROM)

Column 5: DIRECTORY

Column 6: LMF NAME

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## CONTENT AND LIABILITY DISCLAIMER.

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Dear Customer,

Please note the following:

The Right to use New (Updated) Versions of OpenVMS and Tru64 UNIX operating systems is now covered by the HP Campus Software License. Under SL, the Right to Use New Versions (RTNV) of the CCSP Software Product Portfolio is granted annually to the subscribing systems of the Program. In addition the RTNV of the operating systems is also granted under this license.

We have also created a Website <http://h18000.www1.hp.com/emea/campus/> containing the latest release of HP Campus STANDARD with the latest product listings.

### Product Authorization Keys (PAKs)

The Product Authorization Key's (PAKs) required to license the products on the platforms; OpenVMS Alpha, OpenVMS VAX and Tru64 UNIX are contained on HP Campus PAKs discs as follows:

<u>Disc Name</u>	<u>Part Number</u>
HP Campus PAKs Tru64 UNIX Disc	AG-RX3JM-BE
HP Campus PAKs VMS Disc	AG-RX1WN-BE

### Mounting the OpenVMS CD-ROM

Please mount the CD-ROM using the command  
`$MOUNT/MEDIA_FORMAT=CDROM/OVERRIDE=IDENTIFICATION device-name [:]` where the *device-name* is the name of the device that the CD-ROM is being mounted from.

### Loading OpenVMS Products Directly from CD-ROM

The PAKs for both OpenVMS Alpha and VAX are contained in the directory [VPAKS] on the OpenVMS CD-ROM. Within this directory, the PAKs are included as a .COM file for each product. In general, the filename on disc is the LMF name of the product followed by the .COM file extension. The .COM file will register and load the PAK for each product. For example, for product *Compaq Ada for OpenVMS Alpha Systems* with an LMF name of ADA, there will be a file called ADA.COM located within the directory [VPAKS] on the disc. To register and load this product, type `$@<device:>[VPAKS]ADA`. The LMF PAK should now be loaded.

### ISO 9660 Note

In many instances for both OpenVMS and UNIX, the LMF name and the filename of the applicable PAK will differ because the ISO 9660 standard prohibits the use of special characters such as hyphens and periods in the filename. For example, the *Pathworks* OpenVMS PAK with an LMF name PWLMXXXCA07.03 will appear on the disc as PWLMXXXCA07\_03.COM; similarly, the UNIX LMF name ABDAS-U will appear as ABDAS\_U on the UNIX CD-ROM.

### Loading VMS Products from Disk

A single archive of the OpenVMS Alpha and VAX PAKs (PAKS.ZIP) is also provided on the CD-ROM to facilitate the registering and loading of products from disk. The processing of these PAKs is accomplished by UnZipping the contents of the ZIP file from the CD-ROM to the target area on the disk. The UnZip executables for Alpha and VMS, UNZIP\_ALPHA.EXE and UNZIP\_VAX.EXE respectively are also provided in the top level directory ([000000]) of the CD-ROM. The PAKs may then be registered and loaded in the manner described above. Please note that the ISO 9660 filename restrictions do not apply for PAKs that are part of the ZIP archive as these PAKs were zipped prior to the ISO 9660 CD-ROM mastering process.

To Unzip the zip file

```
$unzip ::= $<device:>[000000]UNZIP_ALPHA ! (or UNZIP_VAX)
```

```
$unzip <device:>[000000]PAKS.ZIP ! to unzip to current the directory or unzip -? for help
```



## Mounting the UNIX CD-ROM

HP Tru64 UNIX PAKs are contained in the directory /upaks

Mounting procedure for disc AG-RX3JM-BE to access Tru64 UNIX PAKs.

*Example:* To access the Tru64 UNIX files

Step	Action
------	--------

1	Insert the disc into the drive and determine the UNIX device name (for example, rz4c).
---	--

2	Become superuser <i>Example:</i> % su Password: #
---	---

Mount the disc at a convenient mount point (for example, the /mnt directory). Use the -r option to indicate the disc is read-only.

```
# mount -r -t cdfs /dev/rz4c /mnt
```

*Note:* the addition to the mount command ( -t cdfs) when accessing the HP Tru64 UNIX files

To license a HP Tru64 UNIX product, take the following steps:

- \* Log as root on your system
- \* Copy the files in the PAKS directory to a working directory
- \* License each product as is required by typing:  
#lmf register - <lmfname  
#lmf load 0 lmfname

where the filename is the name of the license supplied (in lower case) and the LMF name is the name of product as listed within this document for HP Tru64 UNIX. For any product, which is not LMF compliant, please proceed with the normal installation procedure as outlined in the Installation Notes.



## Special Notes

### PAK CD's

Please see revised procedures on pages 2 and 3.

### Export Classification

Licenses are not provided for those products which have Export Controlled in column 6 - example:

Compaq SNA Peer Server for Tru64 UNIX	1.5A	2D7AA	1	t2115a	Export controlled
---------------------------------------	------	-------	---	--------	-------------------

These are Export restricted for certain countries. If you have a requirement for these PAK's, contact your local HP Campus representative who will advise you on availability for your country.

### README Directory

With this release this document is included in the README directory of the HP Campus PAK's UNIX disc AG-RX3JM-BE and HP Campus PAK's VMS disc AG-RX1WN-BE in txt format. You can also find this document in Word and PDF format under Product Listings on the web <http://h18000.www1.hp.com/emea/campus/>

### Base Operating Systems Licenses

Operating Systems Base Licenses are NOT provided under the HP Campus/STANDARD offering (UPI=005 for OpenVMS VAX, UPI=MT1 for OpenVMS AXP and UPI=6AD for HP Tru64 UNIX. Hardware system's purchased include the Base License as part of the kit. If there is a requirement to change the Operating System, the customer needs to purchase the appropriate Base licenses for the new platform.

### Base Operating Systems Update Licenses

These Update Licenses are now provided under the HP Campus/STANDARD Offering.

#### Trucluster\*\*

- Trucluster Server Software (UPILV=6BR) was and will be included with each release of HP Campus, and is contained within the PAK's CD for Tru64 UNIX Associated Products Volume 2.
- The initial Software License provides 500+ software products on one single license. The license is valid for the "**Licensed processor lifetime**". There is a one time only charge and the customer requires one license per system in the HP Campus Software Program domain. On the contents document issued with each release the section listing the products contained on the PAKs has an \*\* beside Trucluster Server. What this means is - a separate license is required for each additional member added to the cluster. Mentioned below is a License Requirement statement which will explain in detail what is required.

For more information please read the SPD 70.70.03 for Tru64 UNIX Operating System and 70.79.05 for Trucluster.

### License Requirements

There are no clusterwide licenses. You must install licenses on each cluster member.

For the first member, after installing and licensing Tru64 UNIX, load and register a TruCluster Server license (TCS-UA) to create a single-member cluster. You can load the TruCluster Server subsets without registering the TruCluster Server license, but you cannot create a cluster until you load and register a TruCluster Server license.

Each time you add an additional member to the cluster, you must register a TruCluster Server license. After you boot the new member, you must also register a Tru64 UNIX license (because the new member will use the Tru64 UNIX clusterwide root (/), /usr, and /var file systems). In addition, you must register any additional required application licenses on that member.

#### Note:

You can boot a system that does not have a TruCluster Server license. The system joins the cluster and boots to multiuser mode, but only root can log in (with a maximum of two users). The cluster application availability (CAA) daemon, caad, is not started. The system displays a license error message reminding you to load the license.

This policy enforces license checks while making it possible to boot, license, and repair a system during an emergency.



## Obsolete Products since previous release

Product Name	Ver	UPILV	CD	LMF Name	Platform
ACMS/Japanese for OpenVMS	4.1	079JA	5	ACMS	Vax
Compaq COBOL/Japanese for OpenVMS VAX	5.6	099JA	5	COBOL-JAPAN	Vax
Compaq TCP/IP Services/Japanese for OpenVMS/Japanese	5.3	VHRJA	5	UCX	Vax
DECwindows DECnet SNA 3270 TE/Japanese for OpenVMS	2.0A	VXBJA	5	DW-SNA-3270-TE-VMS-JAP	Vax
J2SE[™] Development Kit (JDK) for the Java[™] Platform	5.0-3	EBZ05	8	No Pak Required	Alpha
HP RAID Software for OpenVMS	3.0A	OMGAA	4	SW-RAID5	Alpha
ACMS/Japanese for OpenVMS	4.1	2PZJA	8	ACMS	Alpha

## Changes in NAS packages Alpha

The NAS Package component products no longer ship on separate NAS Discs, but can now be found on the Software Product Library Disc.

RMS Journaling for OpenVMS AXP	0VHAA	LMF Name = RMSJNL
OpenVMS Cluster Software	MUZAA	LMF Name = VMSCUSTER
Volume Shadowing for OpenVMS	2A1AA	LMF Name = VOLSHAD
DECnet for OpenVMS AXP (End System)	MTFAA	LMF Name = DVNETEND
DECnet for OpenVMS AXP (Extended System)	MTGAA	LMF Name = DVNETEXT

The following products are also part of the NAS Packages but are included with the OpenVMS Operating System and not duplicated on the Software Product Library. These products are:

- RMS Journaling for OpenVMS AXP
- OpenVMS Cluster Software
- DECnet for OpenVMS AXP
- Volume Shadowing for OpenVMS



## HP Tru64 UNIX Version 5.1B-4 (Kit nr. QA-6ADAA-H8.5.1B4)

See also <http://h30097.www3.hp.com/>

HP Tru64 UNIX 5.1B-4 Operating System on CD-ROMs consist of the following volumes:

### HP Tru64 UNIX Associated Products Volume 1

Advanced Printing Software for Tru64 UNIX

Application Transition Tools:

Appscan 2.0

Hpuxman 1.0

Tru64 UNIX to HP-UX Transition Kit 2.0

COBOL Run-Time Library

Development Enhancements

Fortran Run-Time Library

Hypersort

LDAP Client Utilities

DataDirect (ODBC/JDBC drivers)

Mozilla

Multimedia Services

OpenLDAP

Pascal Run-Time Library

Worldwide Language Support

### HP Tru64 UNIX Associated Products Volume 2

Advanced Server for Tru64 UNIX\*

Collgui

DECEvent

Extended System V Functionality

Free Software Foundation GNU Source

Graphical Program Analysis Tools

Legato NetWorker® Single Server V 7.0

Motif® V2.1 Advanced Development Kit

Porting Assistant

PowerStorm 300/350 UNIX Graphics Support

PowerStorm 4D51T UNIX Graphics Support\*

Secure Web Server

SysMan Software Manager Advanced Development Kit

Tru64 UNIX Obsolete Components

Tru64 UNIX Retired Components

TruCluster Server\*

UniCensus

Visual Threads

WEBES (Web-Based Enterprise Service)

Windows® 2000 Single Sign-On

### HP Tru64 UNIX Operating System Volume 1

- Advanced File System Utilities\* (See note page 21)

- Logical Storage Manager\*

### HP Tru64 UNIX Documentation Volume 1

Tru64 UNIX online documentation

Supplementary documentation

### Alpha Systems Firmware update

Current firmware version for Tru64 UNIX

### Open Source Software Collection for HP Tru64 UNIX

Source and RPM Installation files for Open Source Software Collection

### Linux and HP Tru64 UNIX Portability Tools

Source and RPM Installation files for Linux and Tru64 UNIX Portability tools

*\*\*denotes separate license needed. See also page 4 under Special Notes*



## HP OpenVMS V8.3 Shipment Information

This version is presently being shipped to HP Campus Customers. The Part number is QA-MT3AA-W8.8.3

For additional information see web site <http://h71000.www7.hp.com/>

### Updated and New Products since previous release

Product Name	Ver	UPILV	CD	LMF Name	Platform
DECnet SNA Remote Job Entry/Japanese for OpenVMS	1.4A	453JA	5	SNA-RJE-UI-JAPANESE	Vax
DECnet/SNA 3270 Terminal Emulator/Japanese for VMS/Japanese	1.5A	454JA	5	SNA-3270-TE-UI-JAPANESE	Vax
DECnet/SNA Printer Emulator/Japanese	1.2A	044JA	5	SNA-PRE-UI-JAPANESE	Vax
HP Distributed Computing Environment (DCE) for OpenVMS (Develop)	3.1	01SAA	2	DCE-APP-DEV	Vax
HP Distributed Computing Environment (DCE) for OpenVMS (RunTime)	3.1	01SA9	2	DCE-APP-DEV	Vax
HP Distributed Computing Environment (DCE) for OpenVMS (CDS)	3.1	24DAA	2	DCE-CDS	Vax
HP Distributed Computing Environment (DCE) for OpenVMS (Security)	3.1	24FAA	2	DCE-SECURITY	Vax
HP RAID Software for OpenVMS	3.0B	0MGAA	4	SW-RAID5	Alpha
HP TCP/IP Services for OpenVMS	5.5	0LXAA	5	UCX	Alpha
J2SE[™] Development Kit (JDK) for the Java[™] Platform	5.0-4	EBZ05	8	No PAK required	Alpha



## HP OpenVMS Alpha Software Products Library – Q3 September 2008 AV-RWNLR-TE

Welcome to this quarter's OpenVMS Alpha Software Products Library Package.

### **Software Products Library Website**

You are invited to visit our Website, <http://www.hp.com/software/SPL>.

#### Ø **SPL Master Index**

Special web versions of the Software Products Library Master Indexes have been linked to underlying product information. If you are looking for details of what is shipping or ship history for previous product versions this helpful information is available online at: [http://h30266.www3.hp.com/masterindex/Consolidations\\_external.shtml](http://h30266.www3.hp.com/masterindex/Consolidations_external.shtml)

*The SPL master index is also included on Disc #1 of the SPL CD-ROMs.*

#### Ø **Software Products Library Web Downloads**

The web versions of the Software Products Library Master Indexes permit you to download the software kits for **layered products** in this library. Look for the download link at the individual product level at: <http://h30266.www3.hp.com/>

A link to SPL Download page can be found on the left navigation bar under “Software Updates Service and **Download Information**”.

#### **Software Library customers may use the following for access:**

Username: SPLVA2

Password: Tip\*sore\_200

Domain name: www1.aclabs.com

Expiration: November 22, 2008

The username and password will be updated each quarter.

A copy of this quarter's Cover Letter in html and text formats, *including username and password*, can be found on SPL Disc #1, [README]. The html format provides easy access to information through the embedded hyperlinks.

Refer to the “SPL Download Information” web page for more details:

<http://h30266.www3.hp.com/DownLoadInfo.shtml>

#### Ø **The Online Documentation Library (ODL) Master Index**

The ODL master index is available for online viewing and downloads at: <http://h30266.www3.hp.com/ODLindex.asp>

The ODL master index is also included on the ODL CD.

#### Ø **Archived Bookreader**

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#### Ø **SPL Offerings Table**

This document describes the quarterly subscription choices and distribution content, and is available online at

<http://h30266.www3.hp.com/SPLofferings.shtml>

Your comments regarding our Web pages are welcomed by sending email to [SPLsupport@AC Labs.com](mailto:SPLsupport@AC Labs.com).

### Products Shipping Two or More Versions

Product Name	UPILV	Versions Shipping
HP ACMS for OpenVMS (Development)	2PZAA	4.5
HP ACMS for OpenVMS (Development)	2PZAA	5.1ECO1
HP ACMS for OpenVMS (Remote)	2Q0AA	4.5
HP ACMS for OpenVMS (Remote)	2Q0AA	5.1ECO1
HP ACMS for OpenVMS (Run-Time)	2Q1AA	4.5
HP ACMS for OpenVMS (Run-Time)	2Q1AA	5.1ECO1
HP Advanced Server for OpenVMS	A93AA	7.3B
Compaq PATHWORKS for OpenVMS (Advanced Server)	A93AA	6.1
HP DECwindows Motif for OpenVMS Alpha	MV4AA	1.3-1
HP DECwindows Motif for OpenVMS Alpha	MV4AA	1.6
DECdfs for OpenVMS Systems	VEQAA	2.3-3
HP DECdfs for OpenVMS Systems	VEQAA	2.4A
DIGITAL TCP/IP Services for OpenVMS AXP	0LXAA	4.2
HP TCP/IP Services for OpenVMS Alpha	0LXAA	5.4ECO7
HP TCP/IP Services for OpenVMS Alpha	0LXAA	5.6ECO2
HP TCP/IP Services for OpenVMS Alpha	0LXAA	5.5ECO3
Compaq X.25 for OpenVMS Alpha Systems	0THAA	1.6ECO3
HP X.25 for OpenVMS Alpha Systems	0THAA	2.0
X.25 for OpenVMS AXP Systems	0THAA	1.0G
XML-C++ Technology for HP OpenVMS	EBZ04	2.0-2
XML-C++ Technology for HP OpenVMS	EBZ04	3.0

### Current and Future Removals

#### Current Software Products Library Removals due for Retirement (September 2008)

Product Name	UPILV	Version
ACMS/Japanese for OpenVMS (documentation)	2PZJA	4.1
HP TCP/IP Services/Japanese for OpenVMS 5.5	0LXJA	5.5

#### Future Software Products Library Removals (December 2008)

Product Name	UPILV	Version
HP Hierarchical Storage Management for OpenVMS (HSM)	3J1AA	4.3

### Software Compatibility Matrix

Please refer to the Software Compatibility Matrix or Software Product Description for Operating System Support information. The Software Compatibility Matrix shows the minimum and maximum Operating System versions supported by each software product on the Software Products Library. This matrix is located on Disc # 1 in the following file: [README]SW\_COMPAT\_MATRIX.TXT

### Full-Kit Software Patches are included on the Software Products Library

Please be aware that some products will ship a "Full-Kit Software Patch" on the Software Products Library. The "Full-Kit Software Patch" will be delivered either as a replacement or as an additional revision for the currently shipping software product. These software patches have been qualified and are approved for shipment to the Software Products Library audience. Software patches can be identified with an ECO in the Kit Type column. Details regarding the software patch version are available in each product's cover letter. The Full-Kit Software Patch should be handled as a maintenance release.

### HP Services Tools CD

The Services Tools CD included with the Software Products Library contains analysis, diagnosis and remote support software, for example WEBES and ISEE, for use by HP's service engineers and HP's Authorized Service Provider service engineers. The software and associated documentation on this CD are for use on systems that have hardware warranty, a service contract, or service obligation.

The Services Tools CD and associated web pages may contain new diagnosis software that is applicable to the system and should be reviewed for the most recent updates to the diagnosis tools. <http://h18023.www1.hp.com/support/svctools/>

### ***Mature Product Support Program***

HP offers a Mature Product Support service for products that are functionally complete, stable, and have no new versions planned for release. Products on the Software Products Library media will **continue** to be included on the quarterly distributions after they have entered the Mature Product Support Program.

For more information on Mature Products Support and to view a list of the eligible products, visit the Web page for Software Support Services for Legacy Software for Americas/Asia Pacific and Europe:

<http://h20219.www2.hp.com/services/cache/11774-0-0-225-121.html>

### ***Licensing Information***

A valid software product license is required to access and use each software product on the Software Products Library. License to Use a new revision of a software product is provided through a Support Agreement that lists Software Updates Service for each individual product license. Alternatively the customer must purchase the appropriate Software Update License for each new revision of a software product that the customer wishes to use. Additional licensing information is available at:

<http://licensing.hp.com/swl/view.slm?page=swlwelcome>

### ***A Final Note***

If you have questions or concerns regarding the Software Products Library, please contact us at

[SPLsupport@AC Labs.com](mailto:SPLsupport@AC Labs.com).

Please note that this email address will reach the Software Products Library only. Questions regarding individual product performance should continue to be worked through your local support team.



Welcome to this quarter's OpenVMS VAX Software Products Library Package.

**Software Products Library Website**

You are invited to visit our Website, <http://www.hp.com/software/SPL>.

**Ø SPL Master Index**

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**Software Library customers may use the following for access:**

- Username: SPLVV2
- Password: Hand\_touch\$30
- Domain name: www1.aclabs.com
- Expiration: December 13, 2008

The username and password will be updated each quarter.

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ACMS/Japanese for OpenVMS	079JA	4.1
Compaq COBOL/Japanese for OpenVMS VAX Systems	099JA	5.6
Compaq TCP/IP Services/Japanese for OpenVMS	VHRJA	5.3
DEC C/Japanese for OpenVMS VAX (documentation only)	015JA	4.0
DECwindows DECnet SNA 3270 TE/Japanese for OpenVMS	VXBJA	2.0A

### Future Software Products Library Removals due for Retirement (Q4 December 2008)

Product Name	UPILV	Version
HP Hierarchical Storage Management for OpenVMS (HSM)	0NXAA	4.3

### Products Shipping Two Versions

Product Name	UPILV	<u>Versions Shipping</u>
DIGITAL Code Management System (CMS)	007AA	3.9A
HP Code Management System (CMS) for OpenVMS VAX Systems	007AA	4.4
DIGITAL Language-Sensitive Editor/Source Code Analyzer	057AA	4.5A
HP Language-Sensitive Editor/Source Code Analyzer	057AA	5
DIGITAL Performance and Coverage Analyzer for OpenVMS VAX Systems (PCA)	119AA	4.5A
HP Performance and Coverage Analyzer for OpenVMS VAX Systems (PCA)	119AA	4.9
DIGITAL Test Manager for OpenVMS VAX Systems	927AA	3.8A
HP Digital Test Manager for OpenVMS VAX Systems	927AA	4.3
DECset for OpenVMS VAX Systems	965AA	12.2A
HP DECset for OpenVMS VAX Systems	965AA	12.7
DIGITAL Module Management System (MMS) for OpenVMS	VADAA	3.2A
HP Module Management System (MMS) for OpenVMS VAX Systems	VADAA	3.7
Compaq TCP/IP Services for OpenVMS	VHRAA	5.3
DIGITAL TCP/IP Services for OpenVMS	VHRAA	4.2

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<http://licensing.hp.com/swl/view.slm?page=swlwelcome>

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## HP Tru64 UNIX® Software Products Library – Q3 July 2008

AV-RVZ3T-TE

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#### ➤ **SPL Master Index**

Special web versions of the Software Products Library Master Indexes have been linked to underlying product information. If you are looking for details of what is shipping or ship history for previous product versions this helpful information is available online at: [http://h30266.www3.hp.com/masterindex/Consolidations\\_external.shtml](http://h30266.www3.hp.com/masterindex/Consolidations_external.shtml)

*The SPL master index is also included on Disc #1 of the SPL CD-ROMs.*

#### ➤ **Software Products Library Web Downloads**

The web versions of the Software Products Library Master Indexes permit you to download the software kits for **layered products** in this library. Look for the download link at the individual product level at: <http://h30266.www3.hp.com/>

A link to SPL Download page can be found on the left navigation bar under “Software Updates Service and **Download Information**”.

#### **Software Library customers may use the following for access:**

Username: **SPLTru641**  
Password: **NailLong!152?**  
Domain name: **www1.aclabs.com**  
Expiration: **11 Oct 2008**

The username and password will be updated each quarter.

A copy of this quarter's Cover Letter in html and text formats, *including username and password*, can be found on SPL Disc #1, [README]. The html format provides easy access to information through the embedded hyperlinks.

Refer to the “SPL Download Information” web page for more details:  
<http://h30266.www3.hp.com/DownLoadInfo.shtml>

#### ➤ **The Online Documentation Library (ODL) Master Index**

The ODL master index is available for online viewing and downloads at: <http://h30266.www3.hp.com/ODLindex.asp>  
The ODL master index is also included on the ODL CD.

#### ➤ **Archived Bookreader**

The Archived Bookreader ODL CD image is available for download or viewing by platform at:  
<http://h30266.www3.hp.com/odl/bkb/bookreader.shtml>

#### ➤ **SPL Offerings Table**

This document describes the quarterly subscription choices and distribution content, and is available online at <http://h30266.www3.hp.com/SPOfferings.shtml>

Your comments regarding our Web pages are welcomed by sending email to [SPLsupport@AC Labs.com](mailto:SPLsupport@AC Labs.com).

## Current and Future Removals

### Current Software Products Library Removals (July 2008)

Product Name	UPILV	Version
None		

### Future Software Products Library Removals due for Retirement (October 2008)

Product Name	UPILV	Version
None		

### Products Shipping Two Versions

Product Name	UPILV	<u>Versions Shipping</u>
Compaq Open3D for Compaq Tru64 UNIX	0AFAA	4.96
Powerstorm 4D40T/4D50T/4D60T/4D51T UNIX Graphics Support for Tru64 UNIX	0AFAA	5.03
Compaq SNA Peer Server for Tru64 UNIX	2D7AA	1.5A
Compaq SNA Peer Server for Tru64 UNIX	2D7AA	1.6
Compaq Wide Area Networking for Tru64 UNIX 4.0 F/G	MVDA A	3.0B
HP Wide Area Networking for Tru64 UNIX 5.0x	MVDA A	4.1B
Multimedia Services for Compaq Tru64 UNIX (Dev & Rt) 4.0F & 5.0A	20ZAA	3.0
Multimedia Services for Compaq Tru64 UNIX (Dev & Rt) 5.1	20ZAA	3.1

## Software Compatibility Matrix

Please refer to the Software Compatibility Matrix or Software Product Description for Operating System Support information. The Software Compatibility Matrix shows the minimum and maximum Operating System versions supported by each software product on the Software Products Library. This matrix is located on Disc # 1 in the following file: [README]SW\_COMPAT\_MATRIX.TXT

## Full-Kit Software Patches are included on the Software Products Library

Please be aware that some products will ship a "Full-Kit Software Patch" on the Software Products Library. The "Full-Kit Software Patch" will be delivered either as a replacement or as an additional revision for the currently shipping software product. These software patches have been qualified and are approved for shipment to the Software Products Library audience. Software patches can be identified with an ECO in the Kit Type column. Details regarding the software patch version are available in each product's cover letter. The Full-Kit Software Patch should be handled as a maintenance release.

## HP Services Tools CD

The Services Tools CD included with the Software Products Library each time the CD updates, contains analysis, diagnosis and remote support software, for example WEBES and ISEE, for use by HP's service engineers and HP's Authorized Service Provider service engineers. The software and associated documentation on this CD are for use on systems that have hardware warranty, a service contract, or service obligation.

The Services Tools CD and associated web pages may contain new diagnosis software that is applicable to the system and should be reviewed for the most recent updates to the diagnosis tools. <http://h18023.www1.hp.com/support/svctools/>

## Mature Product Support Program

HP offers a Mature Product Support service for products that are functionally complete, stable, and have no new versions planned for release. Products on the Software Products Library media will **continue** to be included on the quarterly distributions after they have entered the Mature Product Support Program.

For more information on Mature Products Support and to view a list of the eligible products, visit the Web page for Software Support Services for Legacy Software for Americas/Asia Pacific and Europe: <http://h20219.www2.hp.com/services/cache/11774-0-0-225-121.html>

### ***Licensing Information***

A valid software product license is required to access and use each software product on the Software Products Library. License to Use a new revision of a software product is provided through a Support Agreement that lists Software Updates Service for each individual product license. Alternatively the customer must purchase the appropriate Software Update License for each new revision of a software product that the customer wishes to use. Additional licensing information is available at:

<http://licensing.hp.com/swl/view.slm?page=swlwelcome>

### ***A Final Note***

If you have questions or concerns regarding the Software Products Library, please contact us at

[SPLsupport@AC Labs.com](mailto:SPLsupport@AC Labs.com).

**Please note that this email address will reach the Software Products Library only. Questions regarding individual product performance should continue to be worked through your local support team.**

# Platform OpenVMS Alpha

Product Name	Ver	UPLV	CD	Directory	LMF Name
ALL-IN-1 Office Server Options for OpenVMS Alpha and OpenVMS VAX	3.2	AAAAA	1	A1032	Royalty Product
Application Developer's Package for C/C++	1	5H5AA	2	APPDEV010	Non LMF compliant
BASEstar Classic for OpenVMS Alpha (Development)	3.4A	0YDAA	3	BCCVAA034	BASESTAR
BASEstar Classic for OpenVMS Alpha (RunTime)	3.4A	0YEAA	3	BCCVAA034	BASESTAR-RT
BASEstar Classic DAS for Allen-Bradley Data Highway Protocol	3.4A	5JXAA	3	DCM_ABVAA034	DAS-AB-CL
BASEstar Classic DAS for Allen-Bradley INTERCHANGE Software	3.4A	5JZAA	3	DCM_DTLVAA034	DAS-DTL-CL
BASEstar Classic DAS for OMNI Software	3.4A	5K5AA	3	DCM_OMNIVAA034	DAS-OMNI-CL
BASEstar Classic DAS for Modicon Programmable Controllers	3.4A	5K1AA	3	DCM_MODVAA034	DAS-MOD-CL
BASEstar Classic DAS for Siemens H1 Protocol	3.4A	5K3AA	3	DCM_H1VAA034	DAS-SH1-CL
BASEstar Open DAS for Allen-Bradley Data Highway	3.1A	4V8AA	3	ABDVAA031	ABDAS-V
BASEstar Open DAS for Modicon	3.1A	4V7AA	3	MODVAA031	MODDAS-V
BASEstar Open Server (Development)	3.2	0X9AA	3	BSTROsvA032	BSTROPEN-DEVELOP
BASEstar Open Server (RunTime)	3.2	0X8AA	3	BSTROsvA032	BSTROPEN-RunTime
BASEstar Open Client (Client)	3.2	0Y9AA	3	BSTROsvA032	BSTROPEN-CLIENT
Compaq Ada for OpenVMS Alpha Systems	3.5A	09PAA	2	ADA035	ADA
Compaq Ada for OpenVMS Alpha Systems (Pro. Development)	3.5A	0VRAA	2	ADA035	ADA-PDO
Compaq COBOL for OpenVMS Alpha Systems	2.9	0JUAA	2	COBOL029	COBOL
Compaq DASware	3.1	4NHAA	3	OMNIAPIA031	DASWARE-RUN
Compaq DECnet SNA Gateway for SyNCHronous Transport	1.3	S01AA	4	SNACST013	SNA-GATEWAY-ST
Compaq DECwindows SNA 3270 Terminal Emulator for OpenVMS	2.1	10WAA	3	SNADWTE021	DW-SNA-3270-TE-VMS
Compaq Device Access Software for Allen-Bradley INTERCHANGE	3.1	3PWAA	3	DASDTLA031	DASAB-INTER
Compaq Device Access Software for Siemens 3964	3.1	4NMAA	3	DAS3964A031	DAS3964
Compaq MultiMedia Services for OpenVMS Alpha (Development)	2.2-1	4G8AA	3	MMOV0221	MMOV-DV
Compaq MultiMedia Services for OpenVMS Alpha (RunTime)	2.2-1	4G9AA	3	MMOV0221	MMOV-RT
Compaq Office Server for OpenVMS	6.1	5TBAA	1	A1061	Non LMF compliant
Compaq Office Server/Deutsch for OpenVMS	6	5TBGA	8	A1LDE060	OFFICE SVR VMS
Compaq Office Server/Français for OpenVMS	6	5TBPA	8	A1LFR060	OFFICE SVR VMS
Compaq Office Server/Nederlands for OpenVMS	6	5TBHA	8	A1LNL060	OFFICE SVR VMS
Compaq Office Server/Svenska for OpenVMS	5	5TBMA	8	A1LSV050	OFFICE SVR VMS
Compaq OMNI API	3.1	2QCAA	3	OMNIAPIA031	DECOMNI
Compaq OMNI MMS	3.1	2QDAA	3	OMNIMMSA031	DECOMNI-MMS
Compaq OSAP/AP	3.1	2XVAA	3	OSAPA031	DECOSAP-AP
Compaq OSAP/H1	3.1	2XWAA	3	OSAPA031	DECOSAP-H1
Compaq Open3D for OpenVMS Alpha	4.9B	0ADAA	6	OPEN3DB049	Royalty Product
Compaq PATHWORKS for OpenVMS	6.1	A93AA	5	PWRK061	Royalty Product
Compaq SNA Domain Gateway - CT	2.1	MKHAA	3	SNAPU5021	Sna-Domain-Gateway-CT
Compaq SNA Domain Gateway - ST	2.1	23DAA	3	SNAPU5021	SNA-DOMAIN-GATEWAY
Compaq SNA Gateway for Channel Transport	2.2	VC9AA	4	SNACSA022	SNA-GATEWAY-CT
Compaq X.25 for OpenVMS Alpha Systems	1.6	0THAA	6	X25ECO016	X25
CSWS_Java (Tomcat)	3	EBZ10	7	CSWS_Java	No PAK required
CSWS_Perl (mod_Perl)	2.1	EBZ11	7	CSWS_Perl	No PAK required
CSWS_PHP (mod PHP)	1.3	EBZ12	7	CSWS_PHP	No PAK required
Data Cartridge Server Component for OpenVMS	3.3A	4EUAA	5	DCSC033A	CARTRIDGE-SERVER-V
DEC DATATRIEVE/Japanese for OpenVMS AXP	6.1	0JKJA	8	DTRAJA061	DTR
DEC Distributed Queuing Service for OpenVMS AXP	1.3	0HPAA	4	DQS013	DQS
DEC FMS/Hebrew for OpenVMS AXP (Development)	2.4	MVSTA	8	DECfMS_HEB024	FMS
DEC FMS/Hebrew for OpenVMS AXP (RunTime)	2.4	MVTTA	8	DECfDV_HEB024	FMS-RT
DEC FMS/Japanese for OpenVMS AXP (Development)	2.4	MVSJA	8	FMSJA024	FMS-UI-JAPANESE
DEC FMS/Japanese for OpenVMS AXP (RunTime)	2.4	MVTJA	8	FDVJA024	FMS-RT-UI-JAPANESE
DECdfs for OpenVMS	2.3-3	VEQAA	5	DECDFS0233	DFS
DECdfs for OpenVMS	2.4A	VEQAA	5	DECDFS024A	DFS
DIGITAL GKS for OpenVMS Alpha (Development)	6.5	02UAA	4	AXPGKS065	GKS
DIGITAL GKS for OpenVMS Alpha (RunTime)	6.5	02VAA	4	AXPGKSR065	GKS-RT
DIGITAL PHIGS for OpenVMS Alpha (Development)	5.2	0A6AA	6	AXPPHIGS052	PHIGS
DIGITAL PHIGS for OpenVMS Alpha (RunTime)	5.2	0A7AA	6	AXPPHIGSR0052	PHIGS-RunTime
DIGITAL TCP/IP Services for OpenVMS	4.2	0LXAA	6	UCXA042	UCX
Disk File Optimizer for OpenVMS	3	2GNAA	6	DFG030	DFG
Distributed Netbeans for OpenVMS Alpha	1.1-1	EBZ13	3	DISTNETBEANS	No PAK required
Encryption for OpenVMS Alpha	1.6	597AA	4	ENCRYPT016	ENCRYPTION
HP ACMS for OpenVMS (Development)	5.1	2PZAA	4	ACMSDEVA_E051	ACMS
HP ACMS for OpenVMS (Remote)	5.1	2Q0AA	4	ACMSREMA_E051	ACMS-REM
HP ACMS for OpenVMS (RunTime)	5.1	2Q1AA	4	ACMSRTOA_E051	ACMS-RT
HP ACMS for OpenVMS (Development)	4.5	2PZAA	4	ACMSDEVA_045	ACMS
HP ACMS for OpenVMS (Remote)	4.5	2Q0AA	4	ACMSREMA_045	ACMS-REM
HP ACMS for OpenVMS (RunTime)	4.5	2Q1AA	4	ACMSRTOA_045	ACMS-RT
HP Advanced Server for OpenVMS	7.3B	A93AA	5	ASOVMSV73B	PWLMXXXCA07.03
HP Advanced Server/Japanese for OpenVMS	7.3B	5SUJA	7	ASOVMSJAP073B	PWLMXXXCA07.03
HP Archive Backup System for OpenVMS (Server)	4.4B	5W2AA	6	ABS044	ABS-SERVER-ALPHA
HP Archive Backup System for OpenVMS (Client)	4.4B	5W1AA	6	ABS044	ABS-CLIENT-ALPHA
HP BASIC for OpenVMS Alpha Systems	1.7	0Y7AA	2	BASIC017	BASIC
HP BridgeWorks	3.0A	6K5AA	2	BRIDGEWORKS	No PAK required
HP C for OpenVMS Alpha	7.3	MU7AA	2	CC073	C
HP C++ for OpenVMS Alpha	7.3	0HQAA	2	CXX073	CXX-V
HP Code Management System for OpenVMS Alpha Systems	4.5-2	0W1AA	3	DECSET128ECO1	CMS
HP COM for OpenVMS	1.4	66YAA	5	DCOM014	DCOM-MIDL

HP OpenVMS Common Internet File Systems	1	010AA	8	CIFS010	No PAK required
HP DATATRIEVE for OpenVMS Alpha Systems	7.3	0JKAA	3	DTRAXPA073	DTR
HP DEC/EDI for OpenVMS VAX and Alpha	5	2QSAA	2	DECEDIA050	EDI-APP-SERV
HP DECforms for OpenVMS (Development)	4	0J8AA	5	FORMSA040	FORMS
HP DECforms for OpenVMS (RunTime)	4	0J9AA	5	FORMSRTA040	FORMS-RT
HP DECforms/Hangul for OpenVMS (Development)	4	0J84A	8	FORMSAAN040	FORMS
HP DECforms/Hangul for OpenVMS (RunTime)	4	0J94A	8	FORMSRTAAN040	FORMS-RT-UI-HANGUL
HP DECforms/Hanyu for OpenVMS (Development)	4	0J83A	8	FORMSAAN040	FORMS
HP DECforms/Hanyu for OpenVMS Alpha (RunTime)	4	0J93A	8	FORMSRTAAN040	FORMS-RT-UI-HANYU
HP DECforms/Hanzi for OpenVMS (Development)	4	0J82A	8	FORMSAAN040	FORMS
HP DECforms/Hanzi for OpenVMS Alpha (RunTime)	4	0J92A	8	FORMSRTAAN040	FORMS-RT
HP DECforms/Japanese for OpenVMS Alpha (Development)	4	0J8JA	8	FORMSAAN040	FORMS-UI-JAPANESE
HP DECforms/Japanese for OpenVMS Alpha (RunTime)	4	0J9JA	8	FORMSRTAAN040	FORMS-RT-UI-JAPANESE
HP DECnet-Plus for OpenVMS Alpha	8.3	MTFAA	5	DECNETPLUS083	DVNETEND
HP DECprint Supervisor (DCPS) for OpenVMS	2.6	09NAB	6	DCPSAXP026	DCPS-PLUS
HP DECprint Supervisor/Japanese for OpenVMS	2.6	0WKJA	7	DCPSJ026	DCPS-OPEN
HP DECset for OpenVMS Alpha Systems	12.8	MUPAA	3	DECSET128ECO1	VAXSET
HP DECwindows Motif for OpenVMS	1.3-1	MV4AA	1	DWMOTIFAXPV0131	DW-MOTIF
HP DECwindows Motif for OpenVMS	1.6	MV4AA	1	DWMOTIFAXPV0106	DW-MOTIF
HP DECwindows Motif/Hangul for OpenVMS	1.6	MV44A	1	KDECWAXP016	DW-MOTIF-UI-HANGUL
HP DECwindows Motif/Hanyu for OpenVMS	1.6	MV43A	2	DWMA_ZH_TWU016	DW-MOTIF
HP DECwindows Motif/Hanzi for OpenVMS	1.6	MV42A	1	CDECWAXP016	DW-Motif
HP DECwindows Motif/Hebrew for OpenVMS	1.3-1	08UTA	8	DWMA_IW_ILU0131	DW-MOTIF-UI-HEBREW
HP DECwindows Motif/Japanese for OpenVMS	1.6	MV4JA	7	JDECWAXP016	DW-MOTIF-UI-JAPANESE
HP Digital Test Manager for OpenVMS Alpha Systems	4.4-1	0W4AA	3	DECSET128ECO1	DTM
HP Distributed Computing Environment (DCE) for OpenVMS (Develop)	3.2	24CAA	3	DCEALP0032	DCE-APP-DEV
HP Distributed Computing Environment (DCE) for OpenVMS (RunTime)	3.2	24CA9	3	DCEALP0032	N/A
HP Distributed Computing Environment (DCE) for OpenVMS (CDS)	3.2	24EAA	3	DCEALP0032	DCE-CDS
HP Distributed Computing Environment (DCE) for OpenVMS (Security)	3.2	24GAA	3	DCEALP0032	DCE-SECURITY
HP Enterprise Integration Packages	3.5	5LVAA	6	EIP035	N/A
HP FMS for OpenVMS (Development)	2.5	MVSAA	1	DECFMS025	FMS
HP FMS for OpenVMS (RunTime)	2.5	MVTAA	1	DECFDV025	FMS-RT
HP Fortran for OpenVMS Alpha Systems	8.2	MV1AA	2	ALPHA_FORT0802	FORTRAN
HP Global Workload Manager for OpenVMS Alpha	1.1	753AA	2	GWLM_011	GWLM_011
HP Hierarchical Storage Management for OpenVMS	4.3	3J1AA	5	HSM043	HSM-Server
HP Language-Sensitive Editor/Source Code Analyzer for OpenVMS Alpha	5.1-1	0W2AA	3	DECSET128ECO1	LSE
HP MAILbus 400 Message Transfer Agent for OpenVMS Alpha	3.2-12	3L3AA	4	MTA032	MAILBUS-400-MTA
HP Module Management System for OpenVMS Alpha Systems	3.8-2	0W5AA	3	DECSET128ECO1	MMS
HP NAS Base Server 200 for OpenVMS Alpha Systems	8.3C	23EAA	6	NAS_BASE_SERVER	NET-APP-SUP-200
HP NAS Client 150 for OpenVMS Alpha Systems	8.3C	36NAA	6	NAS_CLIENT_150	NET-APP-SUP-150
HP NAS Client 250 for OpenVMS Alpha Workstations	8.3C	XVEAA	6	NAS_CLIENT_250	NET-APP-SUP-250
HP NAS Server 300 for OpenVMS Alpha Systems	8.3C	XV9AA	6	NAS_SERVER_300	NET-APP-SUP-300
HP NAS Production Server 400 for OpenVMS Alpha Systems	8.3C	23RAA	6	NAS_SERVER_400	NET-APP-SUP-400
HP OpenView SPI for Oracle Rdb for OpenVMS Alpha (UNIX)	8.2	805AA	4	OVORDBSPI	No LMF Name
HP OpenView SPI for Oracle Rdb for OpenVMS Alpha (Windows)	8.3	805AA	4	NAS_SERVER_400	NET-APP-SUP-400
HP OpenVMS Alpha DCL MUP	8.2	10U14	1	DCLMUP_ALPHA	No LMF Name
HP OpenVMS Enterprise Directory	5.6	2NZAA	4	DXDA056	X500-Directory-Server
HP OpenVMS Enterprise Directory Administration Facility	5.6	2P0AA	4	DXDA056	X500-Admin-Facility
HP OpenVMS/Hangul Alpha Operating System	8.3	MT14A	6	OPENVMSALPHA_KR083	OPENVMS-ALPHA
HP OpenVMS/Hanyu Alpha Operating System	8.3	MT13A	6	OPENVMSALPHA_TW083	OPENVMS-ALPHA
HP OpenVMS/Hanzi Alpha Operating System	8.3	MT12A	6	OPENVMSALPHA_CN083	OPENVMS-ALPHA
HP OpenVMS/Japanese Operating System for Alpha	8.3	MT1JA	7	JSYVMSAXP083	OPENVMS-ALPHA
HP Pascal for OpenVMS Alpha Systems	6.1	098AA	2	PASCAL061	PASCAL
HP Performance Agent for OpenVMS	4	0VPAA	4	PERFAGNT040	No PAK required
HP Performance and Coverage Analyzer for OpenVMS Alpha Systems	5.0-1	0W3AA	3	DECSET128ECO1	PCA
HP RAID Software for OpenVMS	3.0B	0MGAA	4	RAIDB030	SW-RAID5
HP Reliable Transaction Router for OpenVMS (Back End)	5.1	2AQAA	3	RTRAXP051	RTR-SVR
HP Reliable Transaction Router for OpenVMS (Front End)	5.1	2ARAA	3	RTRAXP051	RTR-CL
HP 3270 Application Services (RunTime)	1.4	2FLAA	3	R3270014	SNA-3270-SVCS-DEV
HP Secure Web Browser	1.7-13	EBZ01	7	SECWEBBWRSR	No PAK required
HP Secure Web Server	2.1-1	EBZ02	7	SECWEBSRVR	No PAK required
HP SNA 3270 Data Stream Programming Interface for OpenVMS	1.7	10XAA	3	SNA3270017	SNA-3270-DSPI
HP SNA 3270 Terminal Emulator for OpenVMS	1.8	10ZAA	3	SNATE018	SNA-3270-TE
HP SNA APPC/LU6.2 Programming Interface for OpenVMS	2.5	10SAA	3	SNALU62025	SNA-APPC-LU6.2
HP SNA Data Transfer Facility for OpenVMS (Server)	3.5	205AA	3	SNADTF035	SNA-DTF-SVR
HP SNA Data Transfer Facility for OpenVMS (Utility)	3.5	206AA	3	SNADTFU035	SNA-DTF-UTL
HP SNA Application Programming Interface for OpenVMS	2.6	10VAA	3	SNALU0026	SNA-API
HP SNA Printer Emulator for OpenVMS	1.5	10TAA	3	SNAPRE015	SNA-PRE
HP SNA Remote Job Entry for OpenVMS	1.7	10UAA	3	SNARJE017	SNA-RJE
HP SNA Server for OpenVMS	1.3	6CVAA	5	SNASERV013	SNA-SERVER
HP Storage Library System for OpenVMS (Server)	2.9J	0YPAA	6	SLSJ029	SLS
HP Storage Library System for OpenVMS (Remote)	2.9J	0YQAA	6	SLSJ029	SLS-REMOTE
HP TCP/IP Services for OpenVMS	5.6	0LXAA	5	UCXECO2A056	UCX

HP TCP/IP Services for OpenVMS	5.5	0LXAA	5	UCXECO3A055	UCX
HP TCP/IP Services for OpenVMS Alpha	5.4	0LXAA	7	UCXECO7A054	UCX
HP TDMS (Development)	2	752AA	1	TDMS_DEV020	TDMS
HP TDMS (Runtime)	2	754AA	1	TDMS_RT020	TDMS-RT
HP Web Services Integration Toolkit (WSIT)	2	EBZ03	5	WSIT020	No PAK required
HP X.25 for OpenVMS Alpha Systems	2	0THAA	6	X25A020	X25
J2SE[TM] Development Kit (JDK) for the Java[TM] Platform	5.0-4	EBZ05	8	JDK_504	No PAK required
MAILbus 400 Application Program Interface for OpenVMS Alpha	2.0C	3L4AA	4	MTAC020	MAILBUS-400-API
OpenVMS/Thai Alpha Operating System	7.3-1	MT15A	6	OPENVMSALPHA_TH0731	OPENVMS-ALPHA
Perl	5.8-6	EBZ07	7	PERL	No PAK required
POLYCENTER Software Installation Utility for OpenVMS Alpha	2	IOU02	1	PCSI020	No LMF name
Save Set Manager for OpenVMS	1.8	2YBAA	5	SSMGR018	SAVE-SET-MANAGER
SOAP Toolkit	2	EBZ08	7	SOAP	No PAK required
UDDI Client Toolkit	1.0A	EBZ09	7	UDDI	No PAK required
X.25 for OpenVMS Alpha Systems	1.0G	0THAA	5	X25G010	X25
XML Technology (XML-C)	2.0-2	EBZ04	3	XML_C_022	No PAK required
XML Technology (XML-C)	3	EBZ04	3	XML_C_030	No PAK required
XML Technology (XML-J)	2	EBZ14	3	XML_J_020	No PAK required

### Category = System Integrated Products (integrated into the Operating System)

Product Name	UPILV	Directory	LMF Name
VMScluster Software for OpenVMS	MUZAA	License only	VMSCUSTER
Volume Shadowing for OpenVMS AXP	2A1AA	License only	VOLSHAD
RMS Journaling for OpenVMS AXP	0VHAA	License only	RMSJNL

### Category Operating System

OpenVMS ALPHA AXP Operating System	MT1AA	8.2	S/A		See page 3
OpenVMS/Hangul Alpha Operating System	MT14A	8.2	6	OPENVMSALPHA_KR082	royalty product
OpenVMS/Hanyu Alpha Operating System	MT13A	8.2	6	OPENVMSALPHA_TW082	royalty product
OpenVMS/Hanzi Alpha Operating System	MT12A	8.2	6	OPENVMSALPHA_CN082	royalty product
OpenVMS/Japanese Operating System for Alpha	MT1JA	8.2	9	JSYVMSAXP082	royalty product
OpenVMS ALPHA AXP (1 - Unlimites User Upgrade)	MT2AA			License only	openvms-alpha-user

## Platform OpenVMS VAX

Product Name	Ver	UPLIV	CD	Directory	LMF Name
ALL-IN-1 Office Server Options for OpenVMS Alpha and OpenVMS VAX	3.2	AAAAA	1	A1032	Royalty Product
BASEstar Classic DAS for Allen-Bradley Data Highway Protocol	3.4A	5JYAA	3	DCM_ABVVA034	DAS-AB-CL
BASEstar Classic DAS for Allen-Bradley INTERCHANGE Software	3.4A	5K0AA	3	DCM_DTLVVA034	DAS-DTL-CL
BASEstar Classic DAS for Modicon	3.4A	5K2AA	3	DCM_MODVVA034	DAS-MOD-CL
BASEstar Classic DAS for Siemens H1	3.4A	5K4AA	3	DCM_H1VVA034	DAS-SM1-CL
BASEstar Classic DAS for OMNI Software	3.4A	5K6AA	3	DCM_OMNIVVA034	DAS-OMNI-CL
BASEstar Classic for OpenVMS VAX (Development)	3.4A	YU9AA	3	BCCVVA034	BASESTAR
BASEstar Classic for OpenVMS VAX (RunTime)	3.4A	YUAAA	3	BCCVVA034	BASESTAR-RT
BASEstar Open DAS for Allen-Bradley Data Highway	3.1A	11GAA	3	ABDVVA031	ABDAS-V
BASEstar Open DAS for Modicon	3.1A	11JAA	3	MODVVA031	MODDAS-V
BASEstar Open Server (Development)	3.2	0X7AA	3	BSTROSVV032	BSTROPEN-DEVELOP
BASEstar Open Server (RunTime)	3.2	0X6AA	3	BSTROSVV032	BSTROPEN-RunTime
BASEstar Open Client	3.2	0Y8AA	3	BSTROCVV032	BSTROPEN-CLIENT
Compaq 2780/3780 Protocol Emulator for OpenVMS VAX	1.9	111AA	3	BSCPTP019	VAX-2780-3780PE
Compaq Ada for OpenVMS VAX Systems	3.5A	056AA	2	ADA035	ADA
Compaq Ada for OpenVMS VAX Systems (Prof Development Option)	3.5A	0VQAA	2	ADA035	ADA
Compaq BASIC for OpenVMS VAX Systems	3.9	095AA	3	BASIC039	BASIC
Compaq C for OpenVMS VAX	6.4	015AA	3	CC064	C
Compaq C++ for OpenVMS VAX (Compiler)	5.6C	MJ1AA	3	CXX056	CXX-V
Compaq COBOL for OpenVMS VAX	5.7A	099AA	3	COBOL057	COBOL
Compaq DASware	3.1	4NJAA	2	OMNIPIV031	ALLIN1-STARTER
Compaq DATATRIEVE for OpenVMS VAX Systems	7.2A2	898AA	5	DTRA072A2	DTR
Compaq DEC/EDI for OpenVMS VAX and Alpha	3.2B	YM1AA	2	DECEDI032	SEE LICENSES
Compaq DECnet-Plus for OpenVMS VAX	7.3	D04AA	1	DNVOSI073	DVNETEND
Compaq DECnet SNA Gateway for Channel Transport	2.2	VC9AA	4	SNACSA022	SNA-GATEWAY-CT
Compaq DECnet SNA Gateway for Synchronous Transport	1.3	S01AA	4	SNACST013	SNA-GATEWAY-ST
Compaq DECwindows Motif for OpenVMS	1.2-6	XA1AA	1	DWMOTIFVAXU0612	DW-MOTIF-UI-THAI
Compaq DECwindows Motif/Hangul for OpenVMS	1.2-6	XA14A	1	DWMV_KO_KRU0612	DW-MOTIF
Compaq DECwindows Motif/Japanese for OpenVMS	1.2-6	XA1JA	5	DWMV_JA_JPU0612	DW-MOTIF-UI-JAPANESE
Compaq DECwindows SNA 3270 Terminal Emulator for OpenVMS	2.1	VXBAA	2	SNADWTE021	DW-SNA-3270-TE-VMS
Compaq Device Access Software for Siemens 3964	3.1	4NNAA	2	DAS3964V031	ALLIN1-STARTER
Compaq FMS for OpenVMS	2.4	VD7AA	1	VAXFMS024	FMS
Compaq FMS for OpenVMS (Runtime)	2.4	VD8AA	1	FMSFDV024	FMS-RT
Compaq Fortran 77 for OpenVMS VAX Systems	6.6	100AA	3	FORT066	FORTRAN
Compaq Office Server for OpenVMS VAX and Alpha	6.1	5TBAA	1	A1061	Non LMF complaint
Compaq Office Server for OpenVMS/Deutsch	6	5TBGA	6	A1LDE060	OFFICE SVR
Compaq Office Server for OpenVMS/Français	6	5TBPA	6	A1LFR060	OFFICE SVR
Compaq Office Server for OpenVMS/Nederlands	6	5TBHA	6	A1LNL060	OFFICE SVR
Compaq Office Server for OpenVMS/Svenska	5	5TBMA	6	A1LSV050	OFFICE SVR
Compaq OMNI API	3.1	4VBAA	2	OMNIPIV031	DECOMNI-API
Compaq OMNI MMS	3.1	4VAAA	2	OMNIMMSV031	DECOMNI-MMS
Compaq OpenVMS/Japanese VAX Operating System	7.3	001JA	5	JVMS073	VMS-UI-JAPANESE
Compaq OSAP AP	3.1	5BPAA	2	OSAPV031	DECOSAP-AP
Compaq OSAP H1	3.1	5BQAA	2	OSAPV031	DECOSAP-H1
Compaq Pascal for OpenVMS VAX Systems	5.8	126AA	3	PASCAL058	PASCAL
Compaq SNA 3270 Application Services (Development)	1.3	MKJAA	3	R3270013	SNA-3270-SVCS-DEV
Compaq SNA 3270 Application Services (RunTime)	1.3	MKKAA	3	R3270013	SNA-3270-SVCS-DEV
Compaq SNA Domain Gateway - CT	2.1A	MKHAA	4	SNAPU5021	SNA-DOMAIN-GATEWAY-CT
Compaq SNA Domain Gateway - ST	2.1A	23DAA	4	SNAPU5021	SNA-DOMAIN-GATEWAY
Compaq TCP/IP Services for OpenVMS	5.3	VHRAA	1	UCX053	UCX
Compaq TDMS for OpenVMS VAX (Development)	1.9B	706AA	2	TDMSDEV019	TDMS
Compaq TDMS for OpenVMS VAX (RunTime)	1.9B	711AA	2	TDMSRTO019	TDMS-RT
Compaq TP Desktop Connector	3.1A	GZGAA	2	ACMSDIA031	DESKTOP-ACMS
Data Cartridge Server Component for OpenVMS	3.3	YWNAA	2	DCSC033A	CARTRIDGE-SERVER-V
DEC DATATRIEVE/Hangul for OpenVMS VAX	6.1	8984A	5	DTRAN061	DTR-USER-UI-JAPANESE
DEC DATATRIEVE/Japanese for OpenVMS VAX	6.1	898JA	5	DTRJA061	DTR
DEC Distributed Queuing Service for OpenVMS	1.3	VENAA	2	DQS013	DQS
DEC InfoServer Client for VMS	1	GGWAA	2	ESS010	Non LMF compliant
DEC PHIGS for OpenVMS VAX	3.1	0KBAA	2	DECPHIGS031	PHIGS
DEC PHIGS for OpenVMS VAX (Runtime)	3.1	VK1AA	2	DECPHIGSRTO031	PHIGS-RunTime
DEC X.500 Directory Services (Server)	3.1	0P4AA	4	DXDV031	X500-DIRECTORY-SERVER
DEC X.500 Directory Services (Admin Facility)	3.1	0P5AA	4	DXDV031	X500-ADMIN-FACILITY
DECELMS (DEC Extended LAN Management Software)	1.1	YFPAA	2	ELMS011	ELMS
DECdfs for OpenVMS Systems	2.3-1	VEQAA	2	DECDFS01023	DFS
DECset for OpenVMS VAX Systems	12.2A	965AA	5	DECSET_A122	VAXSET
DECnet SNA Remote Job Entry/Japanese for OpenVMS	1.4A	453JA	5	JSNARJEA014	SNA-RJE-UI-JAPANESE
DECnet/SNA 3270 Terminal Emulator/Japanese for VMS/Japanese	1.5A	454JA	5	JSNATEA015	SNA-3270-TE-UI-JAPANESE
DECnet/SNA Printer Emulator/Japanese	1.2A	044JA	5	JSNAPREA012	SNA-PRE-UI-JAPANESE
DECram for OpenVMS	2.3	GJ9AA	4	DECRAM02322	DECRAM
DIGITAL Code Management System (CMS) for OpenVMS VAX Systems	3.9A	007AA	5	DECSET_A122	CMS
DIGITAL Device Access Software for Allen-Bradley INTERCHANGE	3.1	3PXAA	2	DASDTLV031	DASAB-INTER
DIGITAL GKS for OpenVMS VAX (Development)	6.5	810AA	2	DECGKS065	GKS
DIGITAL GKS for OpenVMS VAX (RunTime)	6.5	811AA	2	DECGKSRTO65	GKS-RT
DIGITAL Language-Sensitive Editor/Source Code Analyzer for OpenVMS VAX Systems	4.5A	057AA	5	DECSET_A122	LSE
DIGITAL Module Management System (MMS) for OpenVMS VAX Systems	3.2A	VADAA	5	DECSET_A122	MMS
DIGITAL Performance and Coverage Analyzer for OpenVMS VAX systems	4.5A	119AA	5	DECSET_A122	VAXSET

DIGITAL TCP/IP Services for OpenVMS	4.2	VHRAA	1	UCX042	UCX
DIGITAL Test Manager for OpenVMS VAX Systems	3.8A	927AA	5	DECSET_A122	DTM
Disk File Optimizer for OpenVMS	3	GJ8AA	2	DFG030	DFG
Encryption for OpenVMS - VAX	1.6	081AA	2	ENCRYPT016	ENCRYPTION
HP ACMS for OpenVMS (Development)	4.5	079AA	2	ACMSDEVV_045	ACMS
HP ACMS for OpenVMS (Runtime)	4.5	076AA	2	ACMSRTOV_045	ACMS-RT
HP ACMS for OpenVMS (Remote)	4.5	Y30AA	2	ACMSREMV_045	ACMS-REM
HP Archive/Backup System for OpenVMS (Server)	4.3A	5VZAA	4	ABSA043	ABS-SERVER-VAX
HP Archive/Backup System for OpenVMS (Client)	4.3A	5VYAA	4	ABSA043	ABS-CLIENT-VAX
HP Code Management System (CMS) for OpenVMS VAX Systems	4.4	007AA	5	DECSET127	CMS
HP DECforms for OpenVMS (Development)	3.3	VCHAA	2	FORMS033	FORMS
HP DECforms for OpenVMS (RunTime)	3.3	VNSAA	2	FORMSRT033	FORMS-RT
HP DECforms/Hangul for OpenVMS VAX (Development)	3.3	VCH4A	5	FORMSAN033	FORMS-UI-HANGUL
HP DECforms/Hangul for OpenVMS VAX (RunTime)	3.3	VNS4A	5	FORMSRTAN033	FORMS-UI-HANZI
HP DECforms/Hanyu for OpenVMS VAX (Development)	3.3	VCH3A	5	FORMSAN033	FORMS-RT-UI-HANZI
HP DECforms/Hanyu for OpenVMS VAX (RunTime)	3.3	VNS3A	5	FORMSRTAN033	FORMS-RT-UI-HANGUL
HP DECforms/Hanzi for OpenVMS VAX (Development)	3.3	VCH2A	5	FORMSAN033	FORMS-UI-HANYU
HP DECforms/Hanzi for OpenVMS VAX (RunTime)	3.3	VNS2A	5	FORMSRTAN033	FORMS-RT-UI-HANYU
HP DECforms/Japanese for OpenVMS VAX (Development)	3.3	VCHJA	5	FORMSAN033	FORMS-UI-JAPANESE
HP DECforms/Japanese for OpenVMS VAX (RunTime)	3.3	VNSJA	5	FORMSRTAN033	FORMS-RT-UI-JAPANESE
HP DECprint Supervisor (DCPS) for OpenVMS	2.5	09NAA	2	DCPSVAX025	DCPS-OPEN
HP DECprint Supervisor/Japanese for OpenVMS	2.6	09NJA	5	DCPSJ026	DCPS-OPEN
HP DECset for OpenVMS VAX Systems	12.7	965AA	5	DECSET127	VAXSET
HP Distributed Computing Environment (DCE) for OpenVMS (Develop)	3.1	01SAA	2	DCEVAX031	DCE-APP-DEV
HP Distributed Computing Environment (DCE) for OpenVMS (RunTime)	3.1	01SA9	2	DCEVAX031	DCE-APP-DEV
HP Distributed Computing Environment (DCE) for OpenVMS (CDS)	3.1	24DAA	2	DCEVAX031	DCE-CDS
HP Distributed Computing Environment (DCE) for OpenVMS (Security)	3.1	24FAA	2	DCEVAX031	DCE-SECURITY
HP Hierarchical Storage Management for OpenVMS	4.3	0NXAA	4	HSM043	HSM-SERVER
HP Language-Sensitive Editor/Source Code Analyzer for OpenVMS VAX	5	057AA	5	DECSET127	LSE
HP Module Management System (MMS) for OpenVMS VAX Systems	3.7	VADAA	5	DECSET127	MMS
HP Performance and Coverage Analyzer for OpenVMS VAX Systems	4.9	119AA	5	DECSET127	VAXSET
HP NAS Client 150 for OpenVMS VAX Workstations	8.3C	36PAA	3	NAS_CLIENT_150	NET-APP-SUP-150
HP NAS Base Server 200 for OpenVMS VAX Systems	8.3C	MC1AA	3	NAS_BASE_SERVER	NET-APP-SUP-200
HP NAS Client 250 for OpenVMS VAX Workstations	8.3C	XVDAA	3	NAS_CLIENT	NET-APP-SUP-250
HP NAS Server 300 for OpenVMS VAX Systems	8.3C	MC2AA	3	NAS_SERVER	NET-APP-SUP-300
HP NAS Production Server 400 for OpenVMS VAX Systems	8.3C	MC5AA	3	NAS_PROD_SERVER	NET-APP-SUP-400
HP OpenVMS SNA	2.4	362AA	3	SNAVMS024	SNA-VMS
HP PATHWORKS for OpenVMS	6.1	A93AA	3	PWRKV61	Royalty Product
HP RAID Software for OpenVMS	3	0MGAA	2	RAID030	SW-RAID5-STG-USER
HP SNA 3270 Data Stream Programming Interface for OpenVMS	1.7	363AA	4	SNA3270017	SNA-3270-DSPI
HP SNA 3270 Terminal Emulator for OpenVMS	1.8	454AA	4	SNATE018	SNA-TE
HP SNA APPC/LU6.2 Programming Interface for OpenVMS	2.5	022AA	4	SNALU62025	SNA-API
HP SNA Application Programming Interface for OpenVMS	2.6	455AA	4	SNALU0026	SNA-API
HP SNA Data Transfer Facility for OpenVMS (Server)	3.4	VEBAA	4	SNADTFS034	SNA-DTF-SVR
HP SNA Data Transfer Facility for OpenVMS (Client)	3.4	VEKAA	4	SNADTFU034	SNA-DTF-UTL
HP SNA Printer Emulator for OpenVMS	1.5	044AA	4	SNAPRE015	SNA-PRE
HP SNA Remote Job Entry for OpenVMS	1.7	453AA	4	SNARJE017	SNA-RJE
HP Storage Library System for OpenVMS (Server)	2.9J	0L7AA	3	SLSJ029	SLS
HP Storage Library System for OpenVMS (Client)	2.9J	YE8AA	3	SLSJ029	SLS-REMOTE
HP Test Manager for OpenVMS VAX Systems	4.3	927AA	5	DECSET127	DTM
InfoServer Software	3.5A	YSHAA	2	INFOSERV035A	Non LMF compliant
MAILbus 400 Application Program Interface for OpenVMS VAX	2.0C	04RAA	4	MTAC020	MAILBUS-400-API
MAILbus 400 Message Transfer Agent for OpenVMS VAX	3	04QAA	4	MTA030	MAILBUS-400-MTA
MAILbus 400 Message Router Gateway for OpenVMS	1.2C	342AA	4	XMRC012	MAILBUS-400-MR-Gateway
MAILworks/Japanese for OpenVMS	1.3A	YCZJA	5	A1MAILJA013	ALLIN1-MAIL-SERVER
NETSCAPE Navigator for OpenVMS	3.03A	57DAA	2	NETSNAV0303	NO LMF Name
OpenVMS/Hangul VAX Operating System	7.2	0014A	6	HANGUL072	VMS-UI-HANGUL
OpenVMS/Hanyu VAX Operating System	7.2	0013A	6	HANYU072	VMS-UI-HANYU
OpenVMS/Hanzi VAX Operating System	7.2	0012A	6	HANZI072	see page 3
OpenVMS/Thai VAX Operating System	7.1	0015A	6	THAI071	VMS-UI-THAI
POLYCENTER Software Installation Utility	2	IOU03	1	PCSI020	No LMF Name
Save Set Manager for OpenVMS	1.8	2YCAA	2	SAVESET018	SAVE-SET-MANAGER
VAX FMS/JAPANESE	2.4	VD7JA	5	VAXFMSJ024	FMS-UI-JAPANESE
VAX FMS/JAPANESE (Runtime)	2.4	VD8JA	5	FMSFDVJ024	FMS-RT-UI-JAPANESE
VAX Message Router (Base System)	3.5	732AA	4	MR035	MESSAGE-ROUTER
VAX Message Router (Programmer's Kit)	3.5	733AA	4	MRIF035	MR-PROGRAMMER-KIT
VAX Message Router (X.400 Gateway)	3.5	VDMAA	4	MRX035	MESSAGE-ROUTER-X.400
VAX Message Router VMSmail Gateway	3.5	730AA	4	MRGATE035	MR-VMSMAIL-GATEWAY
VMS License Management Facility	1.1	XANAA	3	LMF011	N/A

## Platform Tru64 UNIX

Product Name	Ver	UPI	CD	Directory	LMF Name
BASEstar Graphics Enabler	2.3	20MAA	2	bge230	Royalty Product
BASEstar Open Client for Tru64 UNIX	3.2	0YBAA	2	boc320	BSTROPEN-CLIENT
BASEstar Open DAS for Allen-Bradley Data Highway	3.1A	11FAA	2	abd31a	ABDAS-U
BASEstar Open DAS for Modicon	3.1A	11HAA	2	mod31a	MODDAS-U
BASEstar Open Server (Development)	3.2	0XBAA	2	bst320	BSTROPEN-DEVELOP
BASEstar Open Server (Runtime)	3.2	0XAAA	2	bst320	BSTROPEN-Runtime
Compaq ACMSxp for Tru64 UNIX	3.2A	247AA	1	acm32a	CXXOSF
Compaq COBOL for Tru64 UNIX	2.8	2BZAA	1	dca280	ACMSXP-DEV
Compaq Data Transfer Facility for Tru64 UNIX	1.0A	4Z7AA	1	dtf10a	COBOL
Compaq DECnet-Plus for Tru64 UNIX	5.1A	MTJAA	2	dna51A	DTF-FOR-DIGITAL-UNIX
Compaq Open3D for Compaq Tru64 UNIX	4.96	0AFAA	1	o3d496	OPEN3D
Compaq Pascal for Tru64 UNIX	5.8	MUKAA	1	dpo580	OPEN3D
Compaq SCTP	1	6SWAA	1	sctp10	PASCAL-O
Compaq SNA Peer Server for Tru64 UNIX	1.5A	2D7AA	1	t2115a	Export controlled
Compaq SNA Peer Server for Tru64 UNIX	1.6	2D7AA	1	t21160	SNA-PEER-SERVER
Compaq Wide Area Networking for Tru64 UNIX 4.0 F/G	3.0B	MVDAA	1	xxa30B	SNA-PEER-SERVER
DEC/EDI for Tru64 UNIX	4.2	2Y1AA	1	dedi42	DECNET-OSI-END
DEC Network Integration Server Software	4.1	GX7AD	2	nia410	X25-NATIVE
DECnet-Plus/ OSI for Digital UNIX	4.0C	MTKAA	2	dna40c	SNA-RJE-OA-JAPAN
DEComni API	3.1	0YTAA	2	dou310	DECNET-OSI-EXT
DEComni MMS	3.1	2YUAA	2	doumms310	DEComni-API
DECosap/AP	3.1	0Z8AA	2	sap310	DECOMNI-MMS
DECosap/H1	3.1	0Z7AA	2	sh1310	Royalty Product
DIGITAL DASware	3.1	4NGAA	2	dasw310	DW-SNA-3270-TE-OA-JAPAN
DIGITAL Device Access Software for Allen-Bradley INTERCHANGE	3.1	53TAA	2	dasd310	DASWARE-RUN
DIGITAL Device Access Software for Siemens 3964	3.1	4NLAA	2	dass310	DASAB-INTER
DIGITAL Extended Math Library for Compaq's Digital UNIX (Development)	3.4	MUXAA	1	xmd340	DAS3964
DIGITAL Extended Math Library for Compaq's Digital UNIX (Runtime)	3.4	MUYAA	1	xmr340	EXT-MATH-LIB
DIGITAL Office Server Web Interface	5.01	5TEAA	2	aw501	Royalty Product
DIGITAL SNA 3270 Application Services	1.3	2UAAA	2	snar130	NTDS-DISK
DIGITAL SNA APPC/LU6.2 Programming Interface for Digital UNIX (Development)	3.2	4URAA	2	snp320	SNA-3270-SVCS-DEV
DIGITAL SNA Domain Gateway for Channel Transport	2.1A	MKHAB	2	snapu521a	Export controlled
DIGITAL SNA Domain Gateway for Synchronous Transport	2.1A	23DAB	2	snapu521a	SNA-DOMAIN-GATEWAY-CT
DIGITAL SNA LUA Programming Interface for Digital UNIX	1	6A2AA	2	snalu100	SNA-DOMAIN-GATEWAY
Digital SNA TN3270-C for Digital UNIX	1	5SQAA	2	tnc100	SNA-LUA
Diskless Driver for Tru64 UNIX	2.0B	5FZAA	2	ddu202	SNA-TN3270C
DSM/Japanese for Digital UNIX	1.0E	0W0JA	2	jds10e	DDU-BASE
HP C++ for Tru64 UNIX	7.1	MTRAA	1	cxx710	Royalty Product
HP Fortran for Tru64 UNIX Alpha Systems	5.6	MV2AA	1	dfa560	FORTRAN-O
HP MAILbus 400 Message Transfer Agent for Tru64 UNIX	3.1	0NLAA	2	mtaa31	MAILBUS-400-MTA
HP Reliable Transaction Router for Tru64 UNIX (Frontend)	4.2	2K2AA	1	rtr420	RTR-CL
HP Reliable Transaction Router for Tru64 UNIX (Backend)	4.2	2K3AA	1	rtr420	RTR-SVR
HP Tru64 UNIX Enterprise Directory Administration Facility	5.6	2FZAA	1	dxd560	X500-ADMIN-FACILITY
HP Tru64 UNIX Enterprise Directory (Server)	5.6	2FYAA	1	dxd560	X500-DIRECTORY-SERVER
HP Wide Area Network Support for Tru64 UNIX	4.1B	MVDAA	1	xxa41b	X25-NATIVE
InfoBroker Server for Digital UNIX	2.2	2VHAA	1	ibx220	DIRECTORY-ASSISTANT
MAILbus 400 Application Program Interface for Digital UNIX	2.0C	0NMAA	2	mtax20c	MAILBUS-400-API
MAILbus 400 SMTP Gateway for Compaq Tru64 UNIX	2.3	0NNAA	2	sxa230	X.400-SMTP-GW
Multimedia Services for Compaq Tru64 UNIX (Dev & Rt) 4.0F	3	20ZAA	2	mme40f	MMS-DK
Multimedia Services for Compaq Tru64 UNIX (Dev & Rt) 5.0A	3	20ZAA	2	mme50a	MMS-DK
Multimedia Services for Compaq Tru64 UNIX (Dev & Rt) 5.1	3.1	20ZAA	2	mme510	MMS-RT
MUXserver 320/380/90 Remote Terminal	2	YWLAC	2	ms8200	Non LMF compliant
POLYCENTER Security Compliance Manager for Digital UNIX	2.5	2K8AA	2	soa250	DECINSPECT-CM-OSF
POLYCENTER Security Intrusion Detector for DEC OSF/1 AXP	1.2A	33XAA	2	ido12a	POLYCTR-SID
Powerstorm 300/350 UNIX Graphics Support for Tru64 UNIX V4.0E/F/G	5.1	6CJAA	1	prs410	PST
Powerstorm 300/350 UNIX Graphics Support for Tru64 UNIX 5.0/A	5.1	6CJAA	1	prs510	PST
Powerstorm 4D40T Graphics Support for Tru64 UNIX	5.03	0AFAA	1	prs503	OPEN3D
PrintServer Software for Digital UNIX	5.2	0V9AJ	1	lps520	Non LMF compliant
PrintServer Software/Japanese for Digital UNIX	5.1	0V9JJ	2	jls510	LPS-UI-JAPANESE

## Operating System Tru64 UNIX V5.1B-4 Volume 1.

Product Name	Vers	UPILV	No	Directory	LMF Name
Tru64 UNIX Operating System	5.1B-4	6ADAA	S/A		Royalty Product. Kit partnr. QA-6ADAA-W8.5.1B-4
Developer's Extension		MT5AA		License only	osf-dev
Server Extension		MT6AA		License only	osf-svr
Unlimited User License		MT7A*			osf-usr
Logical Storage Manager		2GVAA	S/A	distributed as part of base Operating System	royalty product
Advanced File System Utilities		0EGAA	S/A	distributed as part of base Operating System	ADVFS-UTILITIES

## HP Tru64 UNIX V5.1B-4 Associated Products Volume 2

Advanced Server for Tru64 UNIX\* (\* denotes separate license needed)

ARMTech Resource Management Product Family:

- ShareExpress

Collgui

DECEvent

Extended System V Functionality

Free Software Foundation GNU Source

Graphical Program Analysis Tools

Legato NetWorker® Single Server

Motif® V2.1 Advanced Development Kit

Porting Assistant

PowerStorm 300/350 UNIX Graphics Support

PowerStorm 4D51T UNIX Graphics Support\*

Secure Web Server

SysMan Software Manager Advanced Development Kit

Tru64 UNIX Obsolete Components

Tru64 UNIX Retired Components

TruCluster Server\*

UniCensus

Visual Threads

WEBES (Web-Based Enterprise Service)

Windows® 2000 Single Sign-On