

# Software Product Description

**PRODUCT NAME:** POLYCENTER Common Agent Developer's Toolkit  
for DEC OSF/1® AXP, Version 1.1

**SPD 43.41.02**

## INTRODUCTION

The POLYCENTER Common Agent Developer's Toolkit for DEC OSF/1 AXP is a layered product which runs on the DEC OSF/1 AXP Operating System and is used for the development of management code for system, network, and applications resources or components.

The DEC OSF/1 development toolkit runs on any Digital Alpha AXP hardware platform. The POLYCENTER Common Agent Developer's Toolkit enhances the productivity and efficiency of network and system software application development for managed resource developers. The major component of the POLYCENTER Common Agent Developer's Toolkit is the Managed Object Module (MOM) Generator, which produces ANSI C code templates which can be customized for application use. A MOM is the software responsible for performing management functions on one or more managed object classes.

The POLYCENTER Common Agent Developer's Toolkit includes the following tool for developing Managed Object Modules (MOMs):

- Managed Object Module Generator (MOMGEN):  
Reads the POLYCENTER Common Agent MIR which contains the management specifications for one or more managed object classes. The MOM Generator creates ANSI C code for setting and getting variables. By creating a code template and automating many of the programming tasks, the MOM Generator reduces the amount of manual programming required to make components manageable using MOMs.

The POLYCENTER Common Agent Base Kit and POLYCENTER Common Agent Developer's Toolkit are also available on RISC/ULTRIX.

The POLYCENTER Common Agent Base Kit for DEC OSF/1 AXP includes the base agent services for translating Simple Network Management Protocol (SNMP) messages, enrolling and activating managed resources. (Refer to SPD 43.40.xx for more information about the POLYCENTER Common Agent Base Kit for DEC

OSF/1 AXP.) These services must reside on the host of the resources to be managed.

### *Development Aids*

The POLYCENTER Common Agent Developer's Toolkit also contains sample code for managed object modules (MOMs) and debug routines to assist developers.

### *Documentation*

The POLYCENTER Common Agent Developer's Toolkit documentation package provides information and examples to assist in the design and development of managed object modules and object instrumentation. The following documents are included:

- *POLYCENTER Common Agent for DEC OSF/1 AXP Systems Installation Guide*
- *POLYCENTER Common Agent Managed Object Module Developer's Guide*
- *POLYCENTER Common Agent Managed Object Module Developer's Reference*
- *EMA General Description*
- *EMA Entity Model*
- *POLYCENTER Framework Management Specification Language and Data Types*

## HARDWARE REQUIREMENTS

Processor and/or hardware configurations as specified in the System Support Addendum (SSA 43.41.02-x).

## SOFTWARE REQUIREMENTS

- DEC OSF/1 AXP Operating System
- POLYCENTER Common Agent Base Kit for DEC OSF/1 AXP V1.1
- OSF/1 PGMR - Software Development Environment Option

## **ORDERING INFORMATION**

Software License: QL-00YA8-AA  
Software Media: QA-00YAA-H5  
Software Documentation: QA-00YAA-GZ, which includes the following:

- *POLYCENTER Common Agent for DEC OSF/1 AXP Systems Installation Guide: AE-PTE3A-TE*
  - *POLYCENTER Common Agent for Managed Object Module Developer's Guide: AE-PTE4A-TE*
  - *POLYCENTER Common Agent Managed Object Module Developer's Reference: AA-PTE5A-TE*
  - *EMA General Description: AA-PD5JA-TE*
  - *EMA Entity Model: AA-PV7KA-TE*
  - *POLYCENTER Framework Management Specification Language and Data Types: AA-PUWUA-TE*
- Software Product Services: QT-00YA\*-\*\*

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

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## **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 DEC OSF/1 License Management Facility.

License units for this product are allocated on an Unlimited System Use basis.

For more information on the License Management Facility, refer to the DEC OSF/1 AXP Operating System Software Product Description (SPD 41.61.xx) or the Guide to Software Licensing in the DEC OSF/1 AXP Operating System documentation set.

## **SOFTWARE PRODUCT SERVICES**

A variety of service options are available from Digital. For more information, contact your local Digital office.

## **SOFTWARE WARRANTY**

Warranty for this software product is provided by Digital with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

# System Support Addendum

**PRODUCT NAME:** POLYCENTER Common Agent Developer's Toolkit  
for DEC OSF/1® AXP, Version 1.1

**SSA 43.41.02-A**

## HARDWARE REQUIREMENTS

### *Processors Supported:*

Alpha AXP: DEC 3000 Model 300 AXP Workstation,  
DEC 3000 Model 300 AXP Server,  
DEC 3000 Model 400 AXP Workstation,  
DEC 3000 Model 400 AXP Server,  
DEC 3000 Model 500 AXP Workstation,  
DEC 3000 Model 500 AXP Server,  
  
DEC 4000 Model 610 AXP System,  
  
DEC 7000 Model 610 AXP System,  
  
DEC 10000 Model 610 AXP System

## Disk Space Requirements

Disk space required for installation of kit:

/usr = 1990 KB  
/usr/var = 0 KB

Disk space required for use (permanent):

/usr = 1990 KB  
/usr/var = 0 KB

These counts refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

## SOFTWARE REQUIREMENTS

- POLYCENTER Common Agent Base Kit for DEC OSF/1 AXP V1.1
- DEC OSF/1 AXP Operating System V1.2, V1.3
- OSF/1 PGMR - Software Development Environment Option

## OPTIONAL SOFTWARE

- POLYCENTER Framework (formerly DECmcc Director) V1.2 or V1.3 for RISC ULTRIX
- POLYCENTER SNMP Manager 300 for RISC ULTRIX V1.2
- SNMP-Based Managers
- POLYCENTER Network Manager 200 (formerly DECmcc BMS) V1.2 or V1.3 for RISC ULTRIX

## GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

## DISTRIBUTION MEDIA

DEC OSF/1 Alpha AXP CD-ROM

## ORDERING INFORMATION

Software Licenses: QL-00YA8-AA

Software Media: QA-00YAA-H5

Software Documentation: QA-00YAA-GZ, which includes the following:

- *POLYCENTER Common Agent for DEC OSF/1 AXP Systems Installation Guide:* AA-PTE3A-TE
- *POLYCENTER Common Agent Managed Object Module Developer's Guide:* AA-PTE4A-TE
- *POLYCENTER Common Agent Managed Object Module Developer's Reference:* AA-PTE5A-TE
- *EMA General Description:* AA-PD5JA-TE
- *EMA Entity Model:* AA-PV7KA-TE

- *POLYCENTER Framework Management Specification Language and Data Types: AA-PUWUA-TE*

Software Product Services: QT-00YA\*-\*\*

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

The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.

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