VMS Software

# VSI DECset Version 13.0-3
# Release Notes

**Publication Date:** January 2025

**Operating Systems:** VSI OpenVMS Alpha Version 8.4-2L1 or higher
VSI OpenVMS IA-64 Version 8.4-1H1 or higher
VSI OpenVMS x86-64 Version 9.2-2 or higher

## VSI DECset Version 13.0-3 Release Notes

VMS Software

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# 1. Introduction

This release of VSI DECset contains the following components:

- Environment Manager (ENVMGR) V1.9-6

- Code Management System (CMS) V4.8-13

- Language-Sensitive Editor (LSE) V5.3-3

- Module Management System (MMS) V4.0-5

- Performance and Coverage Analyzer (PCA) V5.1-2[1]

- Source Code Analyzer (SCA) V5.2-3

- Digital Test Manager (DTM) V4.5-7

All versions of VSI DECset check for a license PAK from VMS Software, Inc. You must have a license PAK from VMS Software, Inc. to use these products.

# 2. New in This Release

This release of DECset V13.0-3 completes the transition of the DECset installation process from VMSINSTAL to PCSI. DECset V13.0-1 and V13.0-2 started the transition, and were released for x86-64 systems only. This kit can be installed on a system with an existing DECset kit (VMSINSTAL for Alpha and IA-64; PCSI for x86-64).

However, for x86-64 systems with DECset V13.0-1 installed, the process is a bit noisy. The issue is that the DECset V13.0-1 kit was built with DECset itself being a PCSI platform kit, with the DECset components having a PCSI dependency on the DECset product.

# 3. Installing and Removing DECset

This command will install all or some of the DECset components:

```
$ PRODUCT INSTALL DECSET [/SOURCE=kit_location]
```

You are asked which of the components to install.

The components can also be installed from component-specific PCSI kits if such a kit has been made available.

Removal of the DECset components are done individually; for example, to remove CMS and LSE:

```
$ PRODUCT REMOVE CMS, LSE
```

See the individual products' Release Notes for more information about them.

# 4. Installing a New Version of DECset (x86-64 Only)

This section is specific to an x86-64 system that already has DECset V13.0-1 installed. Installers on an Alpha or IA-64 system will not encounter the situation described below.

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[1]Not yet available for OpenVMS x86-64 systems

DECset V13.0-3 removes the dependent relationship between DECset and the component products. The reason for the change is that PCSI enforces certain conditions that made managing the DECset components a bit more challenging than expected.

Below is the output of an installation on an x86-64 system that had the DECset V13.0-1 kit installed previously. Note that the defaults for all questions were taken throughout the dialog.

Where things get a bit noisy is after the testing procedures for the installed components have run. The below output is related to CMS; as this system also had MMS and DTM installed, there is similar output for those products as well.

```
%PCSI-I-ZEROREF, product VSI X86VMS CMS V4.8-13 is no longer referenced by
 another product
```

At the completion of the current operation, the reference count for this product will be zero. This means that no other installed products have identified this product as a software dependency requirement. You have the option of removing this product as part of the current operation.

Answer YES to the next question if you want to remove VSI X86VMS CMS V4.8-13.

```
Do you want to take this action? [NO]
Do you want to continue? [YES]
```

What PCSI is doing is stating that the "platform" DECset product from V13.0-1 is about to be replaced by a non-platform DECset product. Given that CMS had been dependent upon the DECset product in the V13.0-1 kit, PCSI is warning that the "platform" DECset product is no longer installed, and is offering the ability to remove the version of CMS that was just installed.

Since CMS was selected to be installed, accept the default answer of NO. Similarly, accept the default answer of YES to continue the installation.

Below is the log of an actual DECset installation.

```
$ product install decset /source = dsa29:[decsetbld.kits]

    1 - VSI AXPVMS DECSET V13.0-3          Layered Product
    2 - VSI I64VMS DECSET V13.0-3          Layered Product
    3 - VSI X86VMS DECSET V13.0-3          Layered Product
    4 - All products listed above
    ? - Help
    E - Exit

Choose one or more items from the menu: 3

Performing product kit validation of signed kits ...
%PCSI-I-CANNOTVAL, cannot validate DSA29:[DECSETBLD.KITS]VSI-X86VMS-DECSET-V1300-3-1.PCSI
$COMPRESSED;52
-PCSI-I-NOTSIGNED, product kit is not signed and therre has no manifest file

The following product has been selected:
    VSI X86VMS DECSET V13.0-3              Layered Product

Do you want to continue? [YES]

Configuration phase starting ...

You will be asked to choose options, if any, for each selected product and for
any products that may be installed to satisfy software dependency requirements.

Configuring VSI X86VMS DECSET V13.0-3: VSI DECset for OpenVMS

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Choose which DECset products to install:
```

```
    Code Management System (CMS) V4.8-13? [YES]

    Digital Test Manager (DTM) V4.5-7? [YES]

    Language-Sensitive Editor (LSE) V5.3-3? [YES]

    Module Management System (MMS) V4.0-5? [YES]

    Source Code Analyzer (SCA) V5.2-3? [YES]

The following products have been selected:
    VSI X86VMS CMS V4.8-13               Layered Product
    VSI X86VMS DTM V4.5-7                Layered Product
    VSI X86VMS ENVMGR V1.9-6             Layered Product
    VSI X86VMS LSE V5.3-3                Layered Product
    VSI X86VMS MMS V4.0-5                Layered Product
    VSI X86VMS SCA V5.2-3                Layered Product

Do you want to continue? [YES]

Configuration phase starting ...

You will be asked to choose options, if any, for each selected product and for
any products that may be installed to satisfy software dependency requirements.

Configuring VSI X86VMS CMS V4.8-13: Code Management System

Do you want the defaults for all options? [YES]

Do you want to review the options? [NO]

Configuring VSI X86VMS DTM V4.5-7: Digital Test Manager

This product does not have any configuration options.

Configuring VSI X86VMS ENVMGR V1.9-6: DECset Environment Manager

This product does not have any configuration options.

Configuring VSI X86VMS LSE V5.3-3: Language-Sensitive Editor

This product does not have any configuration options.

Configuring VSI X86VMS MMS V4.0-5: Module Management System

Do you want the defaults for all options? [YES]

Do you want to review the options? [NO]

Configuring VSI X86VMS SCA V5.2-3: Source Code Analyzer

Do you want the defaults for all options? [YES]

Do you want to review the options? [NO]

Execution phase starting ...

The following products will be installed to destinations:
    VSI X86VMS CMS V4.8-13              DISK$GFOX_SYS:[VMS$COMMON.]
    VSI X86VMS DTM V4.5-7               DISK$GFOX_SYS:[VMS$COMMON.]
    VSI X86VMS ENVMGR V1.9-6            DISK$GFOX_SYS:[VMS$COMMON.]
    VSI X86VMS LSE V5.3-3               DISK$GFOX_SYS:[VMS$COMMON.]
    VSI X86VMS MMS V4.0-5              DISK$GFOX_SYS:[VMS$COMMON.]
    VSI X86VMS SCA V5.2-3              DISK$GFOX_SYS:[VMS$COMMON.]
The following products will be removed from destinations:
    VSI X86VMS CMS V4.8-9              DISK$GFOX_SYS:[VMS$COMMON.]
    VSI X86VMS DTM V4.5-6              DISK$GFOX_SYS:[VMS$COMMON.]
    VSI X86VMS ENVMGR V1.9-5           DISK$GFOX_SYS:[VMS$COMMON.]
    VSI X86VMS MMS V4.0-4              DISK$GFOX_SYS:[VMS$COMMON.]
```

```
Portion done: 0%...10%...20%...30%...40%...50%

Do you want the default LSE command language to be VMSLSE or PORTABLE? [VMSLSE]

Installation continuing ...

...60%...70%...80%...90%...100%

The following products have been installed:
     VSI X86VMS CMS V4.8-13                 Layered Product
     VSI X86VMS DTM V4.5-7                  Layered Product
     VSI X86VMS ENVMGR V1.9-6               Layered Product
     VSI X86VMS LSE V5.3-3                  Layered Product
     VSI X86VMS MMS V4.0-5                  Layered Product
     VSI X86VMS SCA V5.2-3                  Layered Product
The following products have been removed:
     VSI X86VMS CMS V4.8-9                  Layered Product
     VSI X86VMS DTM V4.5-6                  Layered Product
     VSI X86VMS ENVMGR V1.9-5               Layered Product
     VSI X86VMS MMS V4.0-4                  Layered Product


%PCSI-I-IVPEXECUTE, executing test procedure for VSI X86VMS CMS V4.8-13 ...
%PCSI-I-IVPSUCCESS, test procedure completed successfully

%PCSI-I-IVPEXECUTE, executing test procedure for VSI X86VMS DTM V4.5-7 ...
%PCSI-I-IVPSUCCESS, test procedure completed successfully

%PCSI-I-IVPEXECUTE, executing test procedure for VSI X86VMS ENVMGR V1.9-6 ...
%PCSI-I-IVPSUCCESS, test procedure completed successfully

%PCSI-I-IVPEXECUTE, executing test procedure for VSI X86VMS LSE V5.3-3 ...
%PCSI-I-IVPSUCCESS, test procedure completed successfully

%PCSI-I-IVPEXECUTE, executing test procedure for VSI X86VMS MMS V4.0-5 ...
%PCSI-I-IVPSUCCESS, test procedure completed successfully

%PCSI-I-IVPEXECUTE, executing test procedure for VSI X86VMS SCA V5.2-3 ...
%PCSI-I-IVPSUCCESS, test procedure completed successfully

This product does not have any configuration options.

Execution phase starting ...

%PCSI-I-ZEROREF, product VSI X86VMS CMS V4.8-13 is no longer referenced by another product

     At the completion of the current operation, the reference count for this
     product will be zero.  This means that no other installed products have
     identified this product as a software dependency requirement.  You have
     the option of removing this product as part of the current operation.

     Answer YES to the next question if you want to remove VSI X86VMS CMS V4.8-13.

Do you want to take this action? [NO]
Do you want to continue? [YES]

%PCSI-I-ZEROREF, product VSI X86VMS DTM V4.5-7 is no longer referenced by another product

     At the completion of the current operation, the reference count for this
     product will be zero.  This means that no other installed products have
     identified this product as a software dependency requirement.  You have
     the option of removing this product as part of the current operation.

     Answer YES to the next question if you want to remove VSI X86VMS DTM V4.5-7.

Do you want to take this action? [NO]
Do you want to continue? [YES]

%PCSI-I-ZEROREF, product VSI X86VMS MMS V4.0-5 is no longer referenced by another product
```

```
     At the completion of the current operation, the reference count for this
     product will be zero.  This means that no other installed products have
     identified this product as a software dependency requirement.  You have
     the option of removing this product as part of the current operation.

     Answer YES to the next question if you want to remove VSI X86VMS MMS V4.0-5.

Do you want to take this action? [NO]
Do you want to continue? [YES]

The following product will be installed to destination:
     VSI X86VMS DECSET V13.0-3             DISK$GFOX_SYS:[VMS$COMMON.]
The following product will be removed from destination:
     VSI X86VMS DECSET V13.0-1             DISK$GFOX_SYS:[VMS$COMMON.]

Portion done: 0%...50%...90%...100%

The following product has been installed:
     VSI X86VMS DECSET V13.0-3             Layered Product
The following product has been removed:
     VSI X86VMS DECSET V13.0-1             Platform (product suite)
```