



CMI Release 9.3

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This edition obsoletes all previous editions.

Trademarks

CATIA is a registered trademark of Dassault Systèmes. Metaphase is a registered trademark of Metaphase Technology, Inc. Teamcenter Enterprise is a registered

trademark of Siemens PLM. Names of other products mentioned in this manual are used only for identification purpose and may be trademarks of their companies.

Preface

About this Guide

This guide provides general installation requirement information for the CATIA Teamcenter Interface.

Related Documents

The following manuals contain information about installation and administration of the CATIA Teamcenter Interface:

Manual Title	Release
<i>CATIA Teamcenter Interface Installation & Administration Guide</i>	9.3

Your Comments are Welcome

Your comments on our publications are welcome. Please write us at:

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CHAPTER 1

CATIA-Teamcenter Interface (CMI) Installation requirements

Software / OS requirements

CMI 9.3
→ Teamcenter Enterprise 2005 Teamcenter Enterprise 2005 SR1 Teamcenter Enterprise 2007
→ CATIA V4.2.0 – V4.2.4 CATIA V5 (32/64Bit) R16, R17, R18
→ AIX 5.1 HPUX 11 SunOS 5.8, Solaris 8, Solaris 10 Windows XP (32/64)

CMI Installation

The CATIA Teamcenter Interface contains the two specific Teamcenter Enterprise (Metaphase) servers GMI (**G**eneric **M**etaphase **I**nterface) and CMI (**C**ATIA **M**etaphase **I**nterface). The CMI server bases on the GMI server methods in order to perform some general tasks, such as creating own windows, launching a workbench, etc. Therefore the GMI server should be installed first. The installation is processed in the same way as with other Teamcenter servers: by help of the installation script **esvm insmenu**.

On the CATIA side, the CATEDM (**C**ATIA **E**ngineering **D**ata **M**anagement system Integration) module must be installed. This module extends the CATIA functionality to handle assemblies and to communicate with PDM systems. The installation must be done on each CATIA client machine which shall be able to use CMI. The installation of CATEDM should be performed with your CATIA system administrator.

Finally, the so called CMI listener must be installed on each CMI client machine. This application is a Metaphase client software which handles the communication between CATIA and Metaphase.

If your CMI installation will be done by a T-Systems International GmbH consultant, please ensure that the following tasks have been realized:

1. Install Teamcenter (with the modules described below)
2. Install CATIA (with the modules described below)
3. Create a user that is able to run CATIA and Teamcenter at the same time

Please arrange that your Teamcenter and CATIA administrator is available during the whole installation process (about 1 - 2 days).

Software shipment

The CMI software will be delivered on CD-Rom with ISO 9660 format.

Required Teamcenter Enterprise services

In order to be able to install CMI, the Teamcenter modules OMF, APC, OCC and TMS must be installed at minimum. If you also want to do some customizing on CMI please install also the Teamcenter customization toolkit.

- ⇒ OMF
- ⇒ APC
- ⇒ OCC
- ⇒ TMS
- ⇒ Toolkit customization [optional]

These modules are part of the *Teamcenter Enterprise Foundation Server Solution*.

Required Teamcenter Patches

n/a

CATIA V4

Each CATIA client needs to have the following modules in order to use CMI :

- ⇒ DRP CATIA.Mech.Drawing Production Configuration
- ⇒ COM CATIA.Object Manager Product
- ⇒ WF3 CATIA.3D Wireframe Product
 - ⇒ DRA CATIA.Drafting Product
- or
 - DR2 CATIA.2D Wireframe and
 - DRO CATIA.TEXT and DIMENS Product

Please check your CATIA license configuration to find out if these products are already part of your CATIA installation. All products you need belong to the CATIA V4 Mechanical Design Solutions.

CATIA V5

Each CATIA client needs to have the following modules in order to use CMI :

- ⇒ Mechanical Design 2
- ⇒ HD2
- ⇒ or All in one marketing license (AL2)

Please check your CATIA license configuration to find out if these products are already part of your CATIA installation.

Windows: WinZip™ version 8.0 or above or a similar tool to extract compressed and tared files is required. Older WinZip™ versions do not extract tar files correctly.

Solaris: GNU tar is recommended. The tar contained in Solaris may truncate filenames.

Required disk space

The locations and the required disk space for the different modules are :

a) for each CMI-Metaphase client:

CMI and GMI server : \$MTI_ROOT (50 MB)

CMI-Listener : \$MTI_ROOT/bin (5 MB)

b) for each CMI-CATIA client:

CATEDM (V4) : Application (e.g. /catia/catedm) (80 MB)

CATIA V5 module : (20 MB)

c) for each CMI user:

CATIA Exch. Map : \$HOME/ExchMap (5 .. x MB)