

Agile  
Enterprise Integration Platform

ORACLE

# **Oracle® Agile Engineering Data Management**

Installation Requirements for Enterprise Integration  
Platform 2.2.1

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# Preface

The Oracle documentation set includes Adobe® Acrobat™ PDF files. The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile.html) (<http://www.oracle.com/technology/documentation/agile.html>) contains the latest versions of the Oracle Agile EDM PDF files. You can view or download these manuals from the Web site, or you can ask your Agile administrator if there is an Oracle Documentation folder available on your network from which you can access the documentation (PDF) files.

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**Note** To read the PDF files, you must use the free Adobe Acrobat Reader™ version 7.0 or later. This program can be downloaded from the [Adobe Web site](http://www.adobe.com) (<http://www.adobe.com>).

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**Note** Before calling Agile Support about a problem with an Oracle Agile EDM manual, please have the full part number, which is located on the title page.

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## TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, 7 days a week. For TTY support, call 800.446.2398. Outside the United States, call +1.407.458.2479.

## Readme

Any last-minute information about Oracle Agile EDM can be found in the Release Notes file on the [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile.html) (<http://www.oracle.com/technology/documentation/agile.html>)

## Agile Training Aids

Go to the [Oracle University Web page](http://www.oracle.com/education/chooser/selectcountry_new.html) ([http://www.oracle.com/education/chooser/selectcountry\\_new.html](http://www.oracle.com/education/chooser/selectcountry_new.html)) for more information on Agile Training offerings.

## Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

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## Release Overview

### Platform Support Matrix

In general, the Integration Platform is running on any platform which provides a Java Runtime Environment 5 (1.5.0) or 6 (1.6.0). Nevertheless there are some restrictions based on certain connectors which are listed below:

For using the SAP Link, the least supported platforms are listed in the matrix below. For further information, please the SAP JCo (Java Connector) web site: <http://service.sap.com/connectors>.

Platform	SAP Connector
HP UX 11	X
Solaris 7	X
Windows NT 4.0 and higher	X
AIX 4.3	X
Linux 2.4.10 (Intel) SLES 8	X

The Agile EDM connector supports all platforms which are supported by Agile EDM 6.1.1.

The Administration Client is part of the Integration Platform. Since it is a Java application and only needs a Java Runtime Environment, no platform restrictions apply. The Administration Client does also allow remote administration of the Integration Platform. In that case, you need to have a network connection between the workstation where you run the Administration Client and the Integration Platform Server.



## Chapter 2

# Hardware Requirements

## Minimum Network Connectivity and Bandwidth

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**Note** 100 MB/s LAN connections based on TCP/IP between the Integration Platform, Agile EDM Server and SAP R/3 Server.

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**Note** At a minimum, a TCP/IP loopback device is required

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## Minimum Memory Requirements

The following recommendations are incremental to the amount of RAM required for other applications and the operating system.

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**Note** Minimum of 128 MB for the Integration Platform.

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**Note** Minimum of 30 MB for the Administration Client

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## Minimum Disk Space

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**Note** The basic server installation requires 120 MB which also includes administration client installation.

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**Note** If running the SAP Link, additional space is required for the SAP libraries (approx. between 8.5 and 26 MB depending on the platform).

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**Note** Depending on the location of the queue database, temp directory for DEBUG files and checked-out physical files and log directory, more space may be required during runtime.

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# Software Requirements

## Java Runtime Environment

This version of the Integration Platform runs on the following versions of Java: 1.5.0 and 1.6.0 (latest patch level recommended). You may download this from the website of the respective operating system provider:

AIX:	<a href="http://www-106.ibm.com/developerworks/java/jdk/aix/">http://www-106.ibm.com/developerworks/java/jdk/aix/</a>
Windows, Solaris, Linux/Intel:	<a href="http://java.sun.com/j2se/">http://java.sun.com/j2se/</a>
HP-UX:	<a href="http://www.hp.com/products1/unix/java/">http://www.hp.com/products1/unix/java/</a>

Please check that the JAVA\_HOME environment variable is set correctly. When calling the program

```
java -version
```

on the Integration Platform Server, you should get the version of the current installation of the Java Runtime Environment.

## Agile EDM Server and Java Daemon

The minimum Agile PLM version to be used together with the Integration Platform is **Agile EDM 6.1.1**. Older versions of Eigner or Agile EDM products are not supported.

Since the Agile EDM connector is using the Java-ECI for connecting to Agile EDM, please make sure that the **Agile EDM Java-Daemon** is configured and running properly.

## SAP R/3

Minimum version of SAP R/3 required by the Integration Platform is 4.6C. The following privileges are required for the R/3 user(s), which is used by the R/3 Connector:

- Z\_TRANS\_RFC
- S\_A.SCON
- All object-related privileges, e.g. for creating a material

## Installation

The distribution is provided as a zipped tar file because the UNIX execution file rights are not preserved by WinZIP.

We recommend using WinZIP on Windows Platforms for uncompressing the delivered file.

On UNIX platforms you need the respective *tar* and *unzip* tools (recommended *gtar* and *unzip*).

## **Configuration**

The configuration of the Integration Platform is done in XML files and XML stylesheet files. Although you can use any text editor to modify those files, we recommend using special XML/XSL Editing tools.

These tools are not part of the standard distribution of the Integration Platform.

## Chapter 4

# Installation Checklist

As a courtesy to you, we have provided a pre-installation checklist to help you prepare for your installation. When Agile project managers will assist you with the installation, you will need to complete this checklist and return it to them before the planned installation date.

Company Name:	_____
Company Address:	_____
	_____
<u>System Administrator:</u>	_____
Phone:	_____
Fax:	_____
Email:	_____
<u>Agile EDM Administrator:</u>	_____
Phone	_____
Fax:	_____
Email:	_____
<u>SAP R/3 Administrator:</u>	_____
Phone	_____
Fax:	_____
Email:	_____

## Installation Media

Please verify:

- We are able to mount and read CDROMS (ISO9660 with rrip) locally on each target machine for the Enterprise Integration Platform installation.

## Node for the License Manager

The Felics License manager has following Host ID:

UCHOSTID: \_\_\_\_\_ (as shown by uchostid)

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**Note** Make sure that you run the uchostid program as Administrator (NT) or as root (UNIX) on the license manager node.

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## Target Platform for the Integration Platform

Please check:

- The operating system and Java Runtime Environment on all target machines are compliant with the currently supported versions. Refer to sections 1 and 3 of this document.
- The respective ZIP / TAR tools are available on the target machine.

Please list node name, node operating system version and version of the Java Runtime Environment (JRE) of the target platform (*uname -a* or Windows version):

Node: \_\_\_\_\_

Operating system: \_\_\_\_\_

Version of JRE: \_\_\_\_\_

## System Administration Requirements

Please check:

- A system administrator prepared to log in as root (UNIX) and/or (Domain)Administrator (Windows) is available to assist for system specific parts of the installation at any time during the installation process.
- Recovery procedures for installation nodes and trained personnel for recovery are available at any time during the installation process.
- Nodes can be rebooted prior to the installation.
- Nodes can be rebooted for startup testing during and after the installation.
- The system requirements are met on all target machines running Agile EDM and the Java Daemon as listed earlier in this document.
- The necessary FELICS as described in chapter 3 are either already installed or the Felics Host-ID was sent to Agile Software.

The Agile EDM server process and JavaDaemon is installed on the following hardware/operating system:

Node Name: \_\_\_\_\_

Agile EDM Version: \_\_\_\_\_

Database Version: \_\_\_\_\_

Hardware Platform: \_\_\_\_\_

Operating System: \_\_\_\_\_

Java Daemon Port: \_\_\_\_\_

SAP R/3 administration requirements

Please check:

- SAP R/3 server can be contacted from Agile EDM server machine via ping command.
- You have a development license for the SAP R/3 system.
- The access to the SAP system via SAP GUI is available and the SAP GUI and Agile EDM GUI can be used from the same display.
- During the installation of the Integration Platform, it must be possible to create test data in the SAP system (material, bill of material, documents etc.).
- The SAP administrator has the following knowledge/privileges:
  - Create a new (dialog) user and assign certain privileges as described in chapter 3.
  - Create a new user with ABAP/4 development and customizing rights. These rights are necessary for the installation of the additional RFC-Functions provided by Agile.

Please list SAP R/3 system name, system version and the server node name, which should be used with the Integration Platform:

- R/3 System Name: \_\_\_\_\_
- R/3 System Version: \_\_\_\_\_
- Server Node Name: \_\_\_\_\_

Checklist filled out by:	
Name:	_____
Phone:	_____
Fax:	_____
Email:	_____

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City, Date Signature

