



# Oracle Agile EDM (e6)

## XPLM Software Products

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# XPLM Solution GmbH

## Workshops 2018

XPLM Solution GmbH

Walter-Oehmichen-Str. 20  
68519 Viernheim, Germany

Phone: +49 351 82658-0

Fax: +49 351 82658-88

[www.xplm.com](http://www.xplm.com)

Hereinafter referred to as "XPLM"

## Table of Contents

1	Introduction XPLM Workshops .....	3
2	XPLM Solution Workshop Overview .....	4
2.1	introductory Training e6 - Introduction to Oracle Agile EDM (e6) for End Users .....	5
2.2	Introduction to Customizing .....	6
2.3	Customizing & LogiView Compact Combined Training Week .....	7
2.4	LogiView .....	8
2.5	Systems Support in Daily Operations .....	9
2.6	Graphical Structure Browser (GSB) and Heterogeneous Structures .....	10
2.7	Introduction to EIP (Enterprise Integration Platform).....	11
2.8	Introduction to Extended CAD Structure Handling (xCSH) .....	12
3	Notes on Training Course Organization .....	13
	Company-specific Workshops at Customers .....	13
	Company-specific Workshops at XPLM Solution GmbH .....	13
	General Workshops at XPLM Solution GmbH .....	13
	Registrations: .....	13
	Confirmation .....	14
	Cancelling.....	14
	Utilization Rights.....	14
	Exclusion of Liability .....	14
	Recommended Hotels.....	14
	<b>COURSE REGISTRATION .....</b>	<b>15</b>

## 1 About XPLM Workshops

The workshops given by XPLM Solution GmbH are designed primarily for developers and system support staff working in the Oracle Agile EDM (e6) environment using software products developed by XPLM Solution GmbH.

The workshops are held at regular intervals at the XPLM Solution GmbH training centers. Because participants work for different companies, the workshops are given using demo systems having standard settings.

Company-specific workshops can be agreed upon with specific contents and course times and carried out either at XPLM Solution GmbH training centers in Viernheim or Dresden or at the customer premises. These workshops are carried out to the greatest possible extent on systems with customer-specific settings using specific tasks set by the customer.

## 2 XPLM Solution Workshop Overview

Workshop	Duration	Calendar	Price per participant
e6 Fundamentals Workshop – Introduction to Oracle Agile EDM (e6) for End Users	2 days	On request	€1,440
Introduction to Customizing	3 days	On request	€2,160
Customizing & LogiView Compact Combined Training Week	5 days	On request	€3,600
LogiView	3 days	On request	€2,160
System Support in Daily Operations	3 days	On request	€2,160
Graphical Structure Browser (GSB) and Heterogeneous Structures	2 days	On request	€1,440
Introduction to EIP (Enterprise Integration Platform)	2 days	On request	€1,440
Extended CAD Structure Handling (xCSH), customer-specific, in-house ProE, Creo, NX	2 days	On request	€4,200 (price is per workshop)

<b>2.1 e6 Fundamentals Workshop – Introduction to Oracle Agile EDM (e6) for End Users</b>	<b>2 days</b>
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**Course objective:** Introduction to Oracle Agile EDM (e6). Explanation of the user interface including the function keys and an introduction to the basic Oracle Agile EDM (e6) modules.

**Target group:** End users and project managers for Oracle Agile EDM (e6), introduction for application support staff

**Requirements:** Basic knowledge of Oracle Agile EDM (e6)

- Contents:**
- Key concepts of Oracle Agile EDM (e6)
  - Operation and user interface
    - Menus and keyboard assignments
    - Forms and lists
    - Creating, editing, deleting and searching
    - Favorites
    - Internal browser
    - Graphical Structure Browser (XPLM Add-on)
  - Applications in Oracle Agile EDM (e6)
    - Project
    - Documents
    - Items and parts lists
    - Classification (object groups, attributes, characteristics table)
  - Application of organizational functions
    - Release/change management
    - Version management
    - Review concept
  - System settings for end users
    - Release/change management
    - Java client settings

## 2.2 Introduction to Customizing

3 days

**Course objective:** Introduction to Customizing in Oracle Agile EDM (e6),  
Typical customization and extensions of the standard Oracle Agile e6 data model are carried out based on practical examples.

**Target group:** Oracle Agile EDM application support staff, Oracle Agile EDM (e6) project manager introduction

**Requirements:** Introduction to Oracle Agile EDM (e6) for End Users, basic knowledge about (Oracle) databases is helpful

- Contents:**
- Explanation of the Oracle Agile EDM (e6) data model
  - Working with Toolbox (elements of the data dictionary: table, field, mask, menu, selection)
  - Extending existing objects of the Oracle Agile EDM (e6) data model
  - Creating entities, relationships and connections
  - Creating document types
  - Typical customizing error messages
  - Troubleshooting
    - SQL Trace
    - Module trace
  - Number generator
    - Definition of number ranges and
    - Including number generator

## 2.3 Customizing & LogiView Compact Combined Training Week

5 days

**Course objective:** The task assignments cannot always be separated into data modeling and LogiView programming.

The workshop pursues a general approach.

Typical modifications to the Agile e6 data model as well as implementation of additional functions using standard user exits or LogiView programming as a menu function, mask trigger or action trigger in testing.

**Target group:** Oracle Agile EDM application support staff (PLM, CAD Connector)

**Requirements:** Introduction to Oracle Agile EDM (e6) for end users, basic knowledge of programming. It is helpful to have a basic knowledge of customizing and databases (Oracle).

- Contents:**
- Explaining the Oracle Agile EDM (e6) data model
  - Extending existing data model objects
    - Creating entities (capable of undergoing testing procedure), relations and links
    - Creating document types
    - Constraint examples
  - Number generator, configuration and integration
  - Customizing complex forms
    - Buttons/Option selection
    - Images in forms (static/dynamic)
    - Index cards in forms
    - Distributing data to several index cards (e.g., item data on two tabs)
    - Protecting index cards via privileges
  - Standard user exits
  - Event data
  - Default data
  - LogiView programming
    - Creating LogiView procedures
    - Basic functions (string processing, data interface, system environment, database accesses)
    - LogiView procedures in menus, masks and fields
    - LogiView procedures in testing
    - Virtual mode
    - Using environmental variables for installation-neutral programming
  - General examples
  - Troubleshooting

## 2.4 LogiView

3 days

**Course objective:** Gaining LogiView knowledge. Application examples for LogiView procedures during customizing instead of user exit programming in C

**Target group:** Oracle Agile EDM application support staff, Oracle Agile EDM (e6) project manager introduction

**Requirements:** Fundamentals of the Oracle Agile EDM (e6) Application, Basic Customizing  
It is helpful to have basic database (Oracle) knowledge

**Contents:**

- Application overview
- Creating LogiView procedures (defining variables, context-sensitive editor, online help, syntax check, settings, trace)
- Basic functions (string processing, file interface, system environment, database access)
- LogiView procedures in menus, masks and fields
- LogiView testing procedures
- Exercises



## 2.5 System Support in Daily Operations

3 days

**Course objective:** To give the participants the knowledge required to plan the integration of Oracle Agile EDM (e6) into an existing IT environment from the point of view of the support staff and to implement the integration with the help of the system manager and/or database support staff and to perform maintenance. There is a strong focus on Windows environments. If UNIX environments (LINUX) should be used, then please inform us of this when you register.

**Target group:** System monitoring  
Oracle Agile EDM (e6) – application or system support staff  
Oracle Agile EDM (e6) – project engineers

**Requirements:** Oracle Agile EDM (e6) user knowledge  
Knowledge of the operating system (Windows or UNIX)  
Basic knowledge of databases (ORACLE)

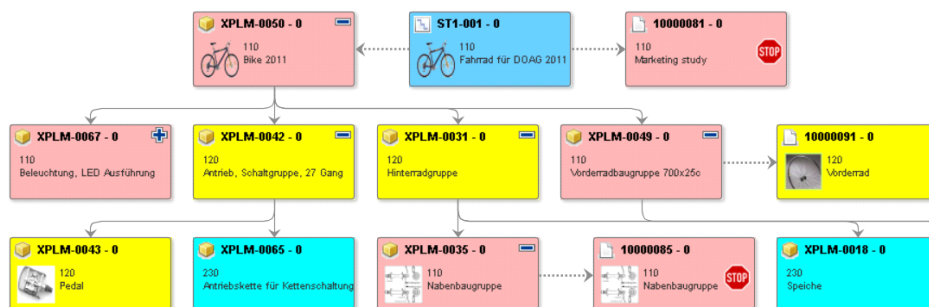
**Contents:**

- Installation requirements and roll-out planning
- Structure of the installation media and documents
- Oracle Agile EDM (e6) process architecture
  - Client – application server
  - Client – file server
- Administration and architecture of server components
  - Oracle database
  - Oracle WebLogic
  - Oracle Agile EDM (e6) application server
  - Oracle Agile EDM (e6) file server
  - Deployment of the Java client
- Administration of various Oracle Agile EDM (e6) environments
- Ensuring availability of Oracle Agile EDM (e6) processes
  - Monitoring server processes
- Troubleshooting
  - Trace files (LGV, SQL, module trace, e.g., ECI)
  - Server-side settings
- Unique platform-specific aspects of the Oracle Agile EDM (e6) environment
- Modifications
  - WebStart client settings and visualization
  - Installing and distributing patches

## 2.6 Graphical Structure Browser (GSB) and Heterogeneous Structures

2 days

**Course objective:** Typical PLM data structures with the maximally condensed information can be presented with the GSB.



Participants are given the knowledge required to install the graphical structure browser and then to adapt it to the customer's specific requirements.

The heterogeneous structures are then configured so that additional information and any entities whatsoever can be displayed in Oracle Agile EDM (e6) and in the GSB.

**Target group:** Oracle Agile EDM (e6) – Application or system support staff  
Oracle Agile EDM (e6) – Project engineers

**Requirements:** Oracle Agile EDM (e6) user knowledge  
Basic knowledge of customizing and programming (LogiView, Java)

- Contents:**
- Graphical structure browser
    - Installation
    - Configuration
    - Operating, using the standard functions
    - Providing the nodes with text, colors, icons
    - Expanding the RMT menus on the node (user exits, LGV)
  - Heterogeneous structures
    - Adapting to existing structures
    - Creating a new structure
    - Integrating into the graphical structure browser
  - Exercise

## 2.7 Introduction to EIP (Enterprise Integration Platform)

2 days

**Course objective:** Give the participants the knowledge required to integrate the Enterprise Integration Platform for Oracle Agile EDM (e6) into an existing EDM environment as well as the knowledge required to adapt and administer it.

**Target group:** Oracle Agile EDM (e6) – Application or system support staff  
Oracle Agile EDM (e6) – project engineers

**Requirements:** Basic knowledge of Oracle Agile EDM (e6)  
Basic knowledge of XML & XSL  
Basic knowledge of LogiView

**Contents:**

- Installing the EIP
  - Creating several instances
  - Setting up the NT services
- Integration into Oracle Agile EDM (e6)
- Administration
- Examples/exercises

## 2.8 Introduction to Extended CAD Structure Handling (xCSH)

2 days

**Course objective:** Installing and setting up xCSH on a customer's system  
Knowledge of how to call up xCSH functions and knowledge of their results  
Integrating customer-specific functions into the xCSH processes  
Integrating own information into the xCSH browser  
Changing the graphical appearance of the xCSH browser

**Target group:** System support staff, consultants, partners, trainers

**Requirements:** Oracle Agile EDM (e6) - Customizing  
Oracle Agile EDM (e6) - Loader  
Basic knowledge of LGV  
Basic knowledge of Groovy (Java)

**Contents:**

- xCSH Installation:
  - Integrating the browser plugins into the Java client (same procedure as for the GSB), Creating all the xCSH server objects
- Integrating the xCSH into the customer-specific environments using the e6-configuration parameters (data model, masks, testing procedures)
- Executing the xCSH functions, evaluating the results of the functions
- Integrating customer-specific logic:
  - Adding a renaming tool to xCSH structure copying
- Integrating new fields into the list and the nodes of the browser plugin
- Changing the graphical appearance:
  - Showing the status (progress indicator) graphically in the browser plugin node

## 3 Notes on Training Course Organization

### Company-specific Workshops at Customer Site

- The workspace for the participants (workstations/PCs/terminals) will be provided by the customer (2 participants per workspace).
- €2,100** will be charged per training day. The price is not dependent on the number of participants. Maximum group size: 8 people.
- Travel expenses and other expenses will be charged on the basis of the actual expenditure in accordance with the guidelines used by XPLM Solution GmbH for travel expenses.
- If required, XPLM can provide four computers with the necessary software pre-installed for a lump sum of €150 per workstation.

### Company-specific Workshops at XPLM Solution GmbH

- €2,600** will be charged per training day. The price is not dependent on the number of participants. Maximum group size: 8 people.

### General Workshops at XPLM Solution GmbH

- The course fee is **€720 per participant** and training day. Minimum group size: 4 people.
- These prices are subject to value-added tax at the current statutory rate.
- The invoice is issued after the course in question has taken place. Payment should be effected within eight days after receipt of the invoice without any deductions.
- The prices for courses on the premises of XPLM Solution GmbH include lunch and drinks.
- The courses take place on the premises of XPLM Solution GmbH at  
Walter-Oehmichen-Str. 20  
68519 Viernheim, Germany
- Should the first day of a workshop be on a Monday, the course will begin at **10 a.m.**
- Workshops begin on all other weekdays at **9 a.m.**

### Registrations:

Applicants should use the form in this brochure to register in writing or send an e-mail to:

**XPLM Solution GmbH**  
Order processing (ordermanagement@xplm.com)

Walter-Oehmichen-Str. 20  
68519 Viernheim, Germany

Phone: +49 351 82658-0  
Fax: +49 351 82658-88

Registration closes two weeks before the seminar begins. **Registrations are binding.** Registrations are accepted depending on the order in which they were received. Should a course already be fully booked, applicants will be informed and given details of the next available course.

Should XPLM Solution GmbH cancel a course, all tuition fees already paid will be refunded without in their entirety. Any claims of recompense in excess of the tuition fees will not be considered.

**Course content may be further developed or changed by XPLM Solution GmbH at any time without notification.**

## Confirmation

Written confirmation of registration will be provided by XPLM Solution GmbH.

## Cancellation policy

Registrations may be cancelled at the latest two weeks before the seminar begins. In such cases, we will charge a processing fee of €100 per participant cancelled. In the event of cancellations being received later than this deadline, we will charge an amount equivalent to half of the tuition fees. Should a participant not show up, we will charge an amount equivalent to the full tuition fees. In such cases, course material will be sent by post.

The customer is allowed to provide a substitute participant at any time without incurring any additional costs.

**We reserve the right to cancel a course for appropriate reasons, for which we are not responsible (e.g., insufficient number of registrations, sickness of tutor, etc.).**

Participants will be notified as soon as possible. In such cases, any tuition fees already paid will be refunded. Any further claims of recompense on the part of the participant will not be considered.

## Utilization rights

The rights to use the software products of XPLM Solution GmbH or of any third party are included in the tuition fees to the extent required for running the courses and for the duration of the seminar.

Course material may not be reproduced without the prior consent of XPLM Solution GmbH in writing.

## Exclusion of Liability

XPLM Solution GmbH does not assume any liability for damage caused by its agents. This limitation shall not apply in cases of intent or gross negligence.