

Document Version: 4.0 – 2018-11-05

# **SAP Engineering Control Center 5.1**



# Typographical Conventions

Format	Description
<i>Example</i>	Words or characters that are quoted from the screen display. These include field names, captions, button names, menu paths and menu options. Cross-references to text in other documentation.
<b>Example</b>	Highlighted words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names and individual core terms of a programming language that are surrounded by continuous text, such as SELECT and INCLUDE.
Example	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source code and names of installation, upgrade and database tools.
<b>Example</b>	Exact user input. This includes words or characters, which you enter exactly as they are specified in the documentation.
<Example>	Variable user input. Pointy brackets indicate that you replace these words and characters for entries in the system with corresponding entries.
EXAMPLE	Buttons on the keyboard, e.g. F2 or ENTER.

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# Document History



## Note

Before you start the implementation, make sure you have the latest version of this document. The latest version is available on SAP Service Marketplace at

[https://help.sap.com/viewer/p/SAP\\_ENGINEERING\\_CONTROL\\_CENTER](https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER)

Version	Date	Change
1.0	2015-11-01	Initial creation
2.0	2017-04-07	Available Languages updated
3.0	2018-03-16	„Additional Useful Links“ section optimized
4.0	2018-11-05	Links updated

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# 1 Introduction

## 1.1 About this Document

### Purpose

This Master Guide is the starting document for the technical implementation of SAP Engineering Control Center. This guide contains general as well as scenario-specific implementation information.

This Master Guide assists you with the development of your system landscape. You get an overview of SAP Engineering Control Center, the corresponding software units and scenarios, from a technical perspective.

The Master Guide refers to the following detailed documentation:

- Installation Guide
- SAP Notes
- Documentation regarding the configuration
- Documentation in the SAP Library

## 1.2 Related Information

### 1.2.1 Planning Information

For more information on the planning topics, refer to SAP Service Marketplace:

Contents	Address on SAP Service Marketplace
Current versions of the installation and upgrade guides	<a href="https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER">https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER</a>
General information on SAP Engineering Control Center	
Sizing, calculation of hardware requirements – such as CPU, hard drive and memory capacity – using the Quick Sizer tool	<a href="https://www.sap.com/about/benchmark/sizing.quick-sizer.html#quick-sizer">https://www.sap.com/about/benchmark/sizing.quick-sizer.html#quick-sizer</a>
Released platforms and technology-specific topics such as maintenance strategies and supported languages	<a href="https://support.sap.com/en/index.html">https://support.sap.com/en/index.html</a> To access the Platform Availability Matrix directly, enter <a href="https://support.sap.com/pam">https://support.sap.com/pam</a> ein.

Contents	Address on SAP Service Marketplace
Network security	<a href="https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER-Security%20Guide">https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER-Security Guide</a>
High availability	<a href="http://scn.sap.com/docs/DOC-7848">http://scn.sap.com/docs/DOC-7848</a>
Performance	<a href="https://www.sap.com/about/benchmark/sizing/performance.html">https://www.sap.com/about/benchmark/sizing/performance.html</a>
Information on Support Package Stacks, the current software versions and patch level requirements	<a href="https://support.sap.com/sp-stacks">https://support.sap.com/sp-stacks</a>
Information on Unicode	<a href="http://scn.sap.com/community/internationalization-and-unicode">http://scn.sap.com/community/internationalization-and-unicode</a>

## 1.2.2 Additional Useful Links

You will find additional useful links on SAP Service Marketplace:

Contents	Address on SAP Service Marketplace
Information about creating error messages	<a href="https://support.sap.com/en/my-support/product-support.html">https://support.sap.com/en/my-support/product-support.html</a>
SAP Notes search	<a href="https://support.sap.com/en/my-support/knowledge-base.html">https://support.sap.com/en/my-support/knowledge-base.html</a>
SAP Software Distribution Center (software download and ordering of software)	<a href="https://support.sap.com/en/my-support/software-downloads.html">https://support.sap.com/en/my-support/software-downloads.html</a>
SAP Online Knowledge Products (OKPs)	<a href="https://support.sap.com/en/offerings-programs/get-involved-early.html">https://support.sap.com/en/offerings-programs/get-involved-early.html</a>
SAP Customer Influence for SAP Engineering Control Center	<a href="https://influence.sap.com/sap/ino/#campaign/770">https://influence.sap.com/sap/ino/#campaign/770</a>

## 1.2.3 Information on SAP Service Marketplace

### Documentation

Title	Internet address
Master Guide	<a href="https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER">https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER</a>
Configuration Guide	<a href="https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER">https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER</a>
Operations Guide	<a href="https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER">https://help.sap.com/viewer/p/SAP_ENGINEERING_CONTROL_CENTER</a>
SAP PLM	<a href="https://www.sap.com/products/supply-chain-iot/plm-r-d-">https://www.sap.com/products/supply-chain-iot/plm-r-d-</a>

Title	Internet address
	<a href="#">engineering.html</a>

### General Links

Title	Internet address
SAP Notes	<a href="https://support.sap.com/en/my-support/knowledge-base.html">https://support.sap.com/en/my-support/knowledge-base.html</a>
Security Guide	<a href="https://www.sap.com/corporate/en/company/security.html">https://www.sap.com/corporate/en/company/security.html</a>
SAP Help Portal	<a href="http://help.sap.com">http://help.sap.com</a>
SAP 3D Visual Enterprise Viewer	<a href="http://help.sap.com/ve-viewer80">http://help.sap.com/ve-viewer80</a>
OSS Messages	Creation in component PLM-ECC

## 1.3 Important SAP Notes

Before you start the installation, read the following SAP Notes. They provide up-to-date information on the installation and corrections to the installation documentation

Ensure that you always have the latest version of each SAP Note which is available on SAP Service Marketplace at <https://support.sap.com/en/my-support/knowledge-base.html>.

SAP Note number	Title
2049249	Release strategy for ABAP add-on ECTR
2050165	Release strategy for ABAP add-on ECTRWUI

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## 2 SAP Engineering Control Center: Overview

SAP Engineering Control Center is a graphical user interface and a direct interface to the SAP system. The interface integrates the data and functions of heterogeneous applications in a uniform platform with SAP PLM. The graphical display of the high level architecture is available in the Operations Guide.

You use SAP Engineering Control Center to display and edit SAP objects such as material master records, document info records and change numbers. The display is similar to a file manager and facilitates easy access to SAP objects.

You can use SAP Engineering Control Center to organize and manage SAP objects on a consistent user interface.

### 2.1 Functional Scope of SAP Engineering Control Center

SAP Engineering Control Center offers the following functional scope:

- Standardized, consistent SAP integration platform for complex, technical applications
- Seamless integration of development tools and authoring systems with a consistent platform
- Convenient integration of SAP PLM function calls in the menu bar of the application
- Company-wide integration and management of all area-specific objects and processes
- Direct access to up-to-date and consistent product information
- Consistent user interface for displaying and editing different SAP objects
- Convenient document creation and management within the usual working environment
- Optional support of SAP PLM 7.0 (PLMWUI)

### 2.2 Available Languages

- German
- English
- French
- Italian
- Spanish
- Portuguese
- Chinese
- Japanese
- Russian
- Chinese (Traditional)



## 2.3 Overall Implementation Sequence

### Purposes

The following table describes the general installation sequence for SAP Engineering Control Center and contains all available software units. The scenario to be implemented and the corresponding processes determine which software units are required.

Information on the current component versions and patch level requirements are available at <https://websmp204.sap-ag.de/~SAPIDP/002006825000000234912001E>.

### Process

#### Implementation sequence

Step	Action [required documentation]	Remark/ next steps
1	Install ECTR add-on + optionally ECTRWUI add-on	Backend
2	BAdI implementation	Backend <ul style="list-style-type: none"><li>• BAdI DOCUMENT_MAIN01</li><li>• BAdI BOM_UPDATE</li><li>• BAdI ECM_UPDATE</li></ul>
3	SAP Engineering Control Center installation	Frontend

A photograph of numerous dandelion seeds in various stages of dispersal, floating against a clear, light blue sky. The seeds are captured in motion, with some showing their characteristic white, feathery pappus and dark, elongated seed heads. The background is a soft, uniform blue, suggesting a bright, clear day.

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