Performance Description

Contents: Eplan Engineering Configuration 2026
Status: 08/2025

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Introduction

Eplan offers Engineering software and service in the fields of electrical engineering, fluid power, automatization and mechatronics. The company develops one of the world's leading software solutions for engineering, plant engineering and enclosure design. Eplan is also the ideal partner for simplifying challenging engineering processes.

Standardized and individual ERP and PLM/PDM interfaces ensure consistent data along the entire value chain. Whether small or large companies, customers can thus use their expertise more efficiently. Eplan aims to keep growing with its customers and partners and furthers integration and automation in engineering. "Efficient Engineering" is our motto.

Eplan was founded in 1984 and is part of the Friedhelm Loh Group.

All from one provider: Eplan Solutions

Eplan supports the user in setting up engineering across multiple disciplines and independent of location. This means increases in efficiency when working on the Eplan project, because digital data flows seamlessly from solution to solution and is enriched accordingly in the project. Eplan Platform offers added value for collaboration in a team, especially when it comes to tasks shared between different locations.

Eplan allows bidirectional exchange with ERP and PLM / PDM systems via interfaces. Through neutral interfaces the Eplan project data can be exchanged with other software environments and further processed.

Extensions for all cases

No matter which requirements have to be fulfilled in the future or to what extent work with Eplan solutions is already taking place: Extensions in all directions can be implemented easily thanks to the Eplan concept – flexibly and individually for individual tasks.

A comprehensive overview of the current extension options is listed in the licensing overview. Should you have any further questions on this topic, please do not hesitate to ask your Eplan contact person.

Eplan Engineering Configuration (EEC)

Eplan Engineering Configuration (EEC) makes it possible to represent a customer product portfolio in a kit with interdisciplinary functional units. On this basis, EEC becomes the tool for the design and application of configuration user interfaces as well as the automated generation of documentations. The interdisciplinary working method integrates sales, order processing, mechanical engineering, electrical engineering and control technology as well as production and documentation.

EEC supports the user in the following process steps:

- Development of a modular system in which the product architecture is mapped in interdisciplinary modules, rule sets and documentation.
- Configuration of products and systems, whereby the documentation for the various phases of an order process (sales, engineering, commissioning, etc.) is generated automatically.

A wide variety of different products and systems can be configured with EEC. The spectrum of the products or systems to be configured can range from a serial product with many variations through to complex production systems or special machines with the quantity 1.

Used Third-party Software

Eplan Engineering Configuration contains components of third-party providers. The complete list of the third-party software used by Eplan Engineering Configuration can be called up in the following file:
<Installation directory>\license\3rd-party.txt

The use of third-party software is subject to the licenses defined through this. In the following file you can call up the license terms and copyright notices for the third-party software used by Eplan Engineering Configuration:
<Installation directory>\license\license.txt

Software approvals

In the current Version 2024 the programs of the Eplan platform are available as a 64-bit version.

* Please observe the notes in the information portal (Software and hardware requirements). These requirements are only available in English.

PLC Products

The version statuses of the third-party systems are to be inquired in as far as they are not stated.

- Simatic ManagerCodesys

Java

Java is required in the following version for the installation variant Web EEC and the SCRIPTING module.

- Java Version 8 (64-bit)
  Usage of the Java runtime environment (JRE) supplied with the EEC is recommended.

Apache Tomcat Server

The installation of Apache Tomcat Server is required in the following version for the installation variant Web EEC.

- Apache Tomcat 9.0.75 and 10.1.9

Data Sources

Continuous Queries via DataSource Object

CSV, Microsoft SQL, JDBC-capable data sources (Java 8)

One-time Imports via Wizard or Commands

Microsoft Excel, CSV, XML (IMX or other formats via XSL transformation in IMX)

(Errors and changes reserved.)

Licensing overview

X Standard functionality Optional (fee-based) - Not available

	EEC Develop Stand-alone	EEC Configuration Stand-alone	EEC Automation Stand-alone
EEC Basis DEVELOPER (1)			
Output of structured texts	X	-	-
Creation of graphical and text-based configuration user interfaces	X	-	-
EEC ECAD DEVELOPER (3)			
Creation of standardized configurations for automatic project creation	X	-	-
Process integration and connection to third-party applications	X	-	-
Rule-based configurations	X	-	-
Comment navigator	X	-	-
EEC PRO PANEL DEVELOPER			
Creation of rules and configuration interfaces for the automatic creation of 3D layout diagrams	X	-	-

	EEC Develop Stand-alone	EEC Configuration Stand-alone	EEC Automation Stand-alone
EEC SCRIPTING Developer			
Script technology to extend the EEC functionality	X	-	-
EEC BASIS CONFIGURATION (2)			
Providing graphical and text-based configuration user interfaces	-	X	X
Providing a configuration method for automatic project creation	-	X	X
EEC ECAD CONFIGURATION (3)			
Configuration of the automatic schematic generation	-	X	X
EEC PRO PANEL CONFIGURATION			
Configuration for the automatic creation of 3D layout diagrams	-	X	X
EEC JOBSERVER CONFIGURATION (4)			
Management of generation jobs (worker instances)	-	-	X
Load balancing of generation jobs (worker instances) under consideration of the generator resources	-	-	X

[1] Incl. the following standard equipment:
- Output of structured texts
- Graphical and textual configuration user interface

[2] Incl. the following standard equipment:
- Output of structured texts
- Graphical and textual configuration user interface
- SAP Connection

[3] Incl. Fluid

[4] Supports up to 40 worker instances