

Performance Description

Contents: Eplan automated project generation (eBuild / eBuild Free) 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 automated project generation and eBuild Free

Automated **project generation** allows you to use your own template libraries that can be made available for reuse within the Eplan Cloud environment.

Automated **project generation** is used to control and automatically generate complete projects or partial circuits of a project managed by means of a configuration interface. The result is an Eplan project that can subsequently be edited further with the functionalities available in the Eplan Platform. Errors are avoided by the automatic generation of schematics or partial circuits and the quality of the documentation increases sustainably.

Eplan eBuild Free is available to users who are registered in the Eplan Cloud and use at least the Eplan Electric P8 Advanced module package. Eplan eBuild Free offers pre-defined libraries as well as a configurator with which parts of schematic projects can be created in Eplan practically at the click of a button.

Note:

With the introduction of the Eplan Platform 2026, the functionalities for library design and automated project generation (eBuild), for data management in the Eplan Cloud (eManage) and for parts management in the Eplan Cloud (eStock) are an integral part of the functional scope of a "product seat" (user access within a license) of the products Eplan Preplanning, Eplan Electric P8 and Eplan Pro Panel.

The simultaneous use of the functionalities of a product seat by several users is excluded.

Details on the availability of the individual functionalities in the respective products are available in the licensing overview in the product performance description.

Hardware and software requirements for Eplan

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

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Licensing overview

The automated **project generation** functions without installing an Eplan platform in an Internet browser.

Errors and changes reserved.

✓ Standard functionality

○ Optional

- Not available

Feature	Eplan automated project generation - eBuild	eBuild Free
Use as a stand-alone module in the Internet browser	✓	
Usage of ladder logic (US standard)	✓	✓
Selectable unit format (mm / inch)	✓	✓
Generating 2D schematics for electrical engineering and fluid power (generating 3D layout diagrams is NOT supported)	✓	✓
Automatic generation of configuration user interfaces (declarative configuration user interfaces)	✓	✓
XML export of Configurator structures	✓	
XML / XLSX export of configured configurations	✓	✓
XML / XLSX import of configurations	✓	✓
Placement of (partial) functions in the form of Macro-Typicals	✓	✓
Silent Mode (automatic schematic generation at the command line level)	✓	
Schematic generation directly on the basis of an XLSX or XML file**	✓	

***The functionality requires the implementation of a complemented available add-on, as well as the usage of an Eplan Platform project in Version 2022 or higher.*