

Performance Description

Contents: Eplan Pro Panel 2026
Status: 08/2025



Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Copyright © 2025 EPLAN GmbH & Co. KG

EPLAN GmbH & Co. KG assumes no liability for either technical or printing errors, or for deficiencies in this technical information and cannot be held liable for damages that may result directly or indirectly from the delivery, performance, and use of this material.

This document contains legally protected information that is subject to copyright, trademark law, design law and other legal provisions. All rights are protected. This document or parts of this document may not be copied or reproduced by any other means without the express prior consent of EPLAN GmbH & Co. KG.

The software described in this document is subject to a licensing agreement and, if applicable, other contractual provisions. The utilization and reproduction of the software are only permitted in accordance with the specifications of this license agreement and, if applicable, any further existing contractual specifications.

RITTAL is a registered trademark of Rittal GmbH & Co. KG.

Eplan, Eplan Electric P8, Eplan Fluid, Eplan Preplanning, Eplan Pro Panel, Eplan Smart Wiring, Eplan Smart Mounting, Eplan Harness proD, Eplan eView, Eplan eBuild, Eplan eManage, Eplan eStock, Eplan Engineering Configuration (EEC), Eplan Cogineer and Eplan Cable proD are registered trademarks of EPLAN GmbH & Co. KG. Eplan ERP/PDM Integration Suite (Eplan EPIS) and Eplan Smart Production are product names of EPLAN GmbH & Co. KG.

All other product names and trade names are trademarks or registered trademarks of their respective owners.

Eplan uses the Open Source software 7-Zip (7z.dll), Copyright © by Igor Pavlov. The source code of 7-Zip is subject to the GNU Lesser General Public License (LGPL). The source code of 7-Zip and details on this license can be found on the following Web site: <http://www.7-zip.org>

Eplan uses the Open Source software Open CASCADE, Copyright © by Open CASCADE S.A.S. The source code of Open CASCADE is subject to the GNU Lesser General Public License (LGPL). The source code of Open CASCADE and details on this license can be found on the following website: <http://www.opencascade.org>

Eplan makes an import function available which uses ECLASS. The use of the ECLASS standard is subject to a license and requires registration and downloading in the download portal: <http://www.eclassedownload.com>

Eplan uses the dotNetRDF © library: <http://www.dotnetrdf.org>, Copyright (c) 2009-2013 dotNetRDF Project (dotnetrdf-develop@lists.sf.net). The source code is subject to the MIT license: <https://opensource.org/licenses/MIT>

Eplan uses Google Chromium ©. <https://www.chromium.org>, Copyright © 2015 The Chromium Authors. The source code is subject to the BSD license.

Eplan uses the Chromium Embedded Framework ©. <https://bitbucket.org/chromiumembedded/cef>, Copyright © 2008-2020 Marshall A. Greenblatt. Portions Copyright © 2006-2009 Google Inc. The source code is subject to the BSD license.

Eplan uses CEFSharp ©. <https://cefsharp.github.io>, Copyright © The CefSharp Authors. The source code is subject to the BSD license.

Eplan uses WebView 2 ©, <https://cefsharp.github.io>, Copyright © The WebView 2 Authors. The source code is subject to the BSD license.

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Eplan uses Microsoft Unity ©. <https://github.com/unitycontainer/unity>, Copyright © Microsoft. The source code is subject to the Apache license, Version 2.0.

This application incorporates Open Design Alliance software pursuant to a license agreement with Open Design Alliance. Open Design Alliance Copyright © 2002–2020 by Open Design Alliance. All rights reserved.

Eplan uses the PDFlib library, Version 9.2.0, Copyright © by PDFlib GmbH. Copyright reserved.

Eplan uses the PLOP library, Version 5.3p1, Copyright © by PDFlib GmbH. All rights reserved.

The license management portion of this Licensee Application is based upon one or more of the following copyrights: Sentinel® RMS, © 2005 SafeNet, Inc., all rights reserved, and Sentinel® EMS, © 2009 SafeNet, Inc., all rights reserved. Sentinel® is a registered trademark of SafeNet, Inc.

Eplan uses the the Open Source software QR Code generator library. <https://www.nayuki.io/page/qr-code-generator-library>, Copyright © by Project Nayuki. The source code is subject to the MIT License.

The complete license texts for the Open Source licenses mentioned above are available in the following file (for on-premises programs):

<Installation directory>\bin\License.txt

The complete license texts for Eplan Cloud applications and services are available at the following link:
<https://goto.eplan.com/EplanCloudLicTxt>



Table of Contents

Introduction..... 5
 All from one provider: Eplan Solutions 5
 Extensions for all cases 5
Eplan Pro Panel 6
 Collaboration apps 6
Eplan functionalities..... 8
 Electrical engineering..... 8
 Collaboration..... 13
 3D mounting layout..... 17
 3D routing connections 18
 3D copper items..... 19
 Rittal interfaces 19
 Integration..... 20
 Eplan Smart Production 20
 Add-on systems and add-on modules..... 21
Hardware and software requirements for Eplan.....23
Licensing overview.....23



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 Pro Panel

With Eplan Pro Panel you can conceive and design control panel enclosures, switchgear and power distribution systems in 3D. A variety of data and information for the manufacturing are provided in an automated way - from the component labeling to the support of manual manufacturing process.

Collaboration apps

Eplan Data Portal

The Eplan Data Portal has direct online access to high-quality product catalogs of notable component manufacturers. Eplan Preplanning, Eplan Electric P8 and Eplan Pro Panel access this Web service equally. Simple transfer of the offered components into the Eplan documentation reduces the required configuration work and increases the quality of the machine and plant documentation. With its Data Standard based on ECLASS Advanced, Eplan Data Portal provides a systematic framework for device attributes.

Parts management – eStock

The parts management eStock can be used to provide Eplan parts data and part-specific macros, images and documents for defined users. By categorizing parts into different "Collections", parts and component data can be made available to different target groups across all locations.

Project viewer – eView

The project viewer allows structured collaboration with colleagues, customers and service providers. This allows project data to be shared, viewed and modifications to be documented via a redlining workflow, independently of the location.

Through the project viewer Eplan project data is available to all project participants along the entire value chain - from engineering to manufacturing and mounting up to service and maintenance. A Free version can be used free of charge after registration. The project data that are visualized and commented in the Project viewer are provided to the user via the data management.

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Greenlinings allow the users to directly enter remarks in the documentation and redlinings allow them to initiate a change process with the engineering team. In addition to the visualization of the project documentation in 2D, a visualization of 3D panel layouts from Eplan Pro Panel is also possible.

Data management – eManage

The data management allows the central, cloud-based management of project-relevant data within the Eplan ecosystem, specifically geared to the internal and external collaboration with partners, suppliers and customers at the project level. The project data can be provided in an extended framework with the data management. With the data management the user can furthermore provide Eplan master data with the familiar access control for other users. Different search and filter functions support the user in finding and storing projects and project-specific data and data formats in an organized manner. If required, Eplan projects can be saved in the current version as well as in the project format of older versions and can be made available for defined users.

Note:

Use of merged software products

The Eplan Cloud apps eStock, eManage and eBuild (referred to as Eplan Cloud apps below) are components of module packages of the products Eplan Preplanning, Eplan Electric P8 and Eplan Pro Panel (referred to as Eplan products below). They are licensed with these as a uniform performance unit ("product seat").

Usage of the Eplan products including the Eplan Cloud apps is only permitted within the framework of the provided overall functionality and through the number of product seats licensed to this purpose. The division of product seats, consisting of Eplan products and Eplan Cloud apps, between several users or end devices, which is equivalent to a separate licensing of the listed Eplan products and Eplan Cloud apps, is not permitted.

Excepted from this specification is the use of the Eplan Cloud apps mentioned if these are purchased independently of the Eplan products and are licensed separately. They may be used as individual components and independently of the product seats of the Eplan products.

Eplan functionalities

Electrical engineering

Generating electrical schematics

This functionality offers the possibility to create logical links and relationships of automation projects in the form of electrical schematics.

Multi-line

This option offers the possibility to create multi-line schematics as part of the project documentation.

Multi-line representations are used to represent the logical link of the plant elements in detail, so that individual pole positions of an item or part of a plant can be assigned precisely.

There is a synchronization between multi-line and single-line schematics. This allows the user to automatically update the respective other representation when using copy and revision processes.

Single-line

This option offers the possibility to create single-line schematics as part of the project documentation.

This simplifies the creation of plant overviews considerably. Cables, lines, terminal strips and plugs can be defined easily in advance in order to be used later in the detailed schematic. Single-line representations are often used to represent the logical combination of the plant elements simply and clearly and thus also to determine the protection values.

Using pre-defined macros, Eplan Preplanning can be used to create single-line representations that are used, among other things, for graphical pre-planning. This allows the user to create a complete overview very quickly at the start of the project planning and thus facilitate the planning of the parts to be ordered beforehand. If required, the detailed interconnection of items can also be stored in table form in the database in the single-line representation.

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Assembly reports

The system includes automatic creation and, if required, online updating of graphical reports such as terminal diagrams, cable diagrams, and bills of materials.

Connected reports for project sections or report types can be grouped into blocks. The reports that belong to a report block are then always updated simultaneously.

The result of the report is displayed in a report page or output to external files, e.g. for the printing of item labels. It is possible to output the report pages into the same or into any other project.

Manufacturing data output

For the visual identification of devices and connections, directly on the plant site, it is necessary to label them.

Identifying and descriptive information about parts and connections can be prepared for labeling automatically. The data is then made available for external applications such as Excel.

Part reports

- Parts list
The parts used in the project are listed individually.
- Summarized parts list
The parts used in the project are listed individually. Identical parts are consolidated and listed in summary.
- Device tag list
The device tag list outputs the devices used in the project.

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Function-related reports

- Terminal diagram
One terminal diagram for each terminal strip. Structure and wiring.
- Terminal line-up diagram
One terminal line-up diagram for each terminal strip.
- Plug diagram
One plug diagram for each plug. Structure and wiring.
- Cable diagram
Cable properties
- Cable assignment diagram
The cable assignment diagram shows single-line predefined cables in multi-line representation with pin assignment.

Overview reports

The automatic overviews provide a rapid and accurate list of the items used in the schematic. The following overviews can be generated in this context:

- Cable / line overview
- Plug overview
- Terminal-strip overview
- Potential & signal overview

Graphical reports

Connection diagrams

The connected targets of items are represented graphically in the automatic connection point diagrams. You can tell at a glance how the signal and energy flows between the items are wired.

- Terminal-connection diagram
- Pin-connection diagram
- Cable-connection diagram

Device connection diagram

The device connection diagram displays the wiring of the connection points from a device-oriented viewpoint. Sorting is device.

2D panel layout

The 2D panel layout also facilitates the configuration of 2D mounting layouts for mounting panels and enclosures in addition to schematic creation and reporting.

For the 2D mounting layout, the user can generate item legends that can be integrated into the project in a number of different ways.

In order to support the various working methods of designers and engineers, it is also possible to perform a 2D mounting layout independent of the schematic. The part placements used in the 2D mounting layout in this context define a device, even if no corresponding function has been placed in the schematic yet.

During placement, devices used in the schematic or existing in the parts preselection can be displayed in a list structure or tree structure.

Items used in the schematic can be placed on a 2D mounting panel. In the course of the placement a check is carried out whether the positioning is taking place on the correct mounting panel. This furthermore immediately indicates which items from the schematic have yet to be placed on the mounting panel.

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



The data of the items in the 2D mounting layout can be listed automatically. The resulting enclosure legend can be generated as a window legend – i.e. as a freely positionable graphical object – on the same project page as that of the 2D mounting layout. It is alternatively possible to output the legend as a separate form on its own project page.

Multi-user operation

Multi-user operation allows several users to edit a project simultaneously in multi-user operation. You can furthermore see which users are currently working on a project with the "Eplan Multiuser Management" functionalities. This allows users to define working sections in large projects in order to have a better overview of the project planning.

Please contact Eplan Support with regard to the hardware requirements for multi-user operation. We can advise you specifically according to your individual requirements.

PLC controllers and bus systems

This functionality provides comprehensive support for the user in the management of PLC controllers and bus systems.

Several bus systems and PLC controllers can be managed in one Eplan project. In the process several bus systems can be connected to a PLC or a bus system can contain several PLC control systems. The PLC information of an Eplan project can be displayed and edited in a dialog.

PLC connections can be re-addressed automatically and displayed on overview pages. Settings for different PLC types can be saved in schemes and switched centrally.

The wiring of PLC assemblies can be overviewed at every project stage and edited with system support.

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Net-based connections

This functionality allows the planning of the wiring of the components in a plant from the functional view in tabular form. With the "point wiring" the items / connection points that are connected to each other are displayed in the schematic. The order of the connections can still remain open at this point. When the spatial arrangement of the components and their optimal wiring has been clarified by the installer later on, this information can be added.

In the case of strongly distributed potentials the net-based representation makes many interruption points and connection lines in the schematic superfluous. The engineer thus represents complex connections in simplified form. The schematic is better structured and easier to read for the installer.

Comments navigator

The comments navigator allows the creation of comments within Eplan Preplanning, Eplan Electric P8 and Eplan Pro Panel. The history of the imported as well as newly created comments can be viewed at any time. A status can be assigned to the comments, and list-based visualization makes it possible to process and prioritize the comments.

Collaboration

Revision control

The revision control allows modifications to existing projects to be automatically recorded and documented by means of revisioning. The user can also access older versions of the project and mark the modified project pages with an approval stamp.

If objects were changed in a revision, these are displayed with a graphical marker in the schematic. The revision states created for a project can be output in revision overviews, which can be either printed or inserted into the current project as separate report pages.



Project management

The project management offers the possibility of cross-drive project management in a local client / server infrastructure. Project-specific and non-project-specific information can be stored and displayed in the project management. Projects that are provided via the data management cannot be managed.

In order to also find existing projects starting from other workstations via the project management, it is possible to load the header data of the Eplan projects into a project management database.

Project properties can be processed in blocks in project management. A complete overview of the project header data of a project can also be output. If desired, the users who are currently editing a project are displayed.

Change of standard

The change of standard offers the possibility of adapting an existing project to the specifications of a different standard on the basis of a wizard function. On the basis of suitable templates you can replace plot frames and forms, rotate schematics (Europe – USA), replace symbol libraries and symbols, and adapt designations and descriptions to the target standard.

Automatic translation

Automatic translation allows you to output monolingual or multilingual schematic documentation.

The texts within an Eplan project are translated automatically. The support of professional translation agencies can be integrated through a data exchange via XML, CSV or TXT. Unicode characters are supported. The "AutoComplete" functionality minimizes manual inputs.

Multi-user management

Extensive projects are often edited at the same time by several persons and are often not transparent for the individual users in view of the amount of data involved. Although the designer only works in a defined part of the project, Eplan displays the entire project data in dialogs and navigators. Multi-user management reduces the amount of data for the individual user in this use case and increases the overall clarity.



Defined working sections

You can use this option to divide projects structured by identifier blocks into "defined working sections". The division of projects into defined working sections is done on the basis of the existing structure identifiers in the project. Either each user chooses the defined working sections in which they want to work, or assigning is done centrally by an administrator.

Defining subprojects

With this option projects can be divided into smaller subprojects and edited. These subprojects can then be edited independently of the overall project.

Projects can be divided on the basis of different criteria as required, for example by trades or by structure identifiers. The criteria specified by the user for the division are stored in "schemes". The working method also allows comfortable collaboration with suppliers.

After completed editing, the subprojects can be integrated back into the overall project in order to automatically obtain a complete documentation.

Multi-user monitor

The multi-user monitor offers additional transparency and an overview of the current editing steps, in particular when editing projects with multiple users. For actions with a corresponding execution time (for example check runs, reports etc.), the multi-user monitor shows the status of the action.

The multi-user monitor provides information about which users are active in which project and which actions are performed by whom in the project.

Project options

This functionality defines areas of a machine or plant as options and then displays or hides them within the Eplan project. This way, configuration characteristics or different designs of a machine or plant can be easily represented and managed.

Only the currently activated project options are considered for reports within a project. Hidden project options are not considered.

A project option can also be displayed transparently. With the transparent display it is also graphically easy to recognize that at this point in the documentation a project option has been defined which is, however, currently deactivated and not considered.

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Additional information (e.g. in deactivated project options) can be removed from a project prior to delivery. Special reports give an indication which project options are contained in the project and which ones are selected.

Project verification

The project verification supports the collaboration between the client and the supplier.

An incoming or outgoing project can be checked by the supplier as well as the client rapidly and without manual work against the specifications and guidelines of the client. A structured overview of the test results allows a substantiated assessment of the project quality and consistency. The assessment whether the project fulfills the acceptance criteria of the client is thus possible at any time.

Differences to the project specifications are documented by means of a message report.

Rights management

Access to functionalities and options of the Eplan Platform can be administered, similar to the Windows rights management.

The rights management can be used to block the use of dialogs, menu items, and commands in the user interface.

The defined access rights can be defined individually or in blocks and can be assigned to users or user groups.

If certain rights are revoked from a user, the associated menu items will be grayed out. In this way, the system only offers users the commands they need to perform their tasks.

Both users as well as user groups that have already been defined in a company can be transferred simply into the rights management by using Active Directory.

Note:

The description of the functional overview always refers to the highest module package. Which functionalities are contained in the different module packages is specified in the associated licensing overview.



3D mounting layout

The mounting layout in 3D is used for placing electrical engineering and fluid power devices from the Eplan project, from the Eplan parts management or from the Eplan Data Portal in 3D, as required. In conjunction with mechanical components such as cable ducts, mounting rails, mounting panels, or entire enclosures, "Eplan Pro Panel" simplifies the construction of complex 3D mounting layouts dramatically.

Defining processing information graphically

This functionality allows the design of drill holes, cut-outs and outlines in Eplan Pro Panel, which can then be used for the creation of drilling patterns or NC records.

Such outlines are created graphically in Eplan Pro Panel and enriched with machine-specific information by the generation of an NC record.

3D import / export

3D data (bodies) can be imported into the Eplan system by means of the supported neutral CAD formats. In further working steps this data can be defined as 3D macros in Eplan. These macros can be assigned to existing parts data for further use.

The export of 3D components of a layout space can be carried out in the Eplan System via a supported neutral CAD format. Information about the solids, analytic surfaces and volumes is exported in as far as it is available in the Eplan 3D macro. The exported data can be imported for further editing into suitable, external CAD systems.

Further information about the supported neutral CAD formats is provided in the licensing overview.



3D routing connections

Importing routing connections and devices

This functionality allows you to import component data and connection information from external programs (other CAE systems, ERP systems, Excel, etc.) into an Eplan project.

Pro Panel - virtual wiring

The virtual wiring in Eplan Pro Panel allows the routing of electrical as well as fluid power connections in a layout space in 3D.

The definition of routing path networks, the routing of routing connections, the optimization of the networks and routing connections up to the provision of the wires parts lists for manufacturing.

Pro Panel - virtual hosing

The virtual hosing in Eplan Pro Panel allows the planning of hoses and pipes in 3D, the graphical definition of connection point patterns, the assignment of pneumatic and hydraulic components, the routing of hoses & pipes in 3D, the output of corresponding reports such as pipe and hose lists.

Pro Panel - manufacturing integration pipings

The manufacturing integration for pipings makes it possible to transfer manufacturing-relevant information to the manufacturing for pipings. Eplan Pro Panel provides the required data for each pipe for the transfer and further processing of the data by software-supported pipe bending machines.

Export – Eplan Smart Production

The export to Eplan Smart Production includes the possibility to provide the manufacturing data from Eplan Pro Panel for the wizard system - Eplan Smart Production. The manufacturing data contains the required information for manual equipment in Smart Mounting (mechanical and electrical components) and for manual wiring in Smart Wiring (connection information).

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



3D copper items

Designing 3D copper items

With Eplan Pro Panel you can design individual copper rails and connection elements with corresponding bending and punching requirements in 3D.

Exporting 3D copper items

The Production Copper NC & Production Copper DXF interfaces allow the output of manufacturing data for the machining of copper rails on robots of different manufacturers.

Rittal interfaces

The Eplan software encompasses a series of interfaces to software solutions and machines from Rittal GmbH & Co. KG.

Software interfaces to:

- RiPanel
- RiTherm
- RiPanel Processing Center

Machine interfaces to:

- Rittal Wire Terminal
- Rittal Perforex BC / Rittal Secarex
- Rittal Perforex LC / Rittal Secarex

The licensing overview provides an overview of the Eplan products and module packages in which these interfaces are available.

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Thermal Design Integration

Eplan Thermal Design Integration is used for virtual planning and dimensioning of energy-efficient climate control solutions. Determination of the total power dissipation of all devices, visualization of the power dissipation density for avoiding hot spots, determination of the power dissipation layout for optimal configuration of the components in the enclosure, utilization of the extended Rittal parts data for climate control solutions via the Eplan Data Portal, representation of the optimal air-conditioned area per climate control component in which the components are to be laid out in the enclosure, as well as airflow-specific reserved areas per climate control component for optimizing the cooling air circulation and for protecting the components against overheating or undercooling are the associated scopes.

Integration

Eplan ERP Integration Suite

Continuous data flows ensure transparency in the product development process. With the Eplan ERP Integration Suite, Eplan manages the integration into existing ERP system landscapes via bill of materials and parts synchronization. Rapid and individual provision of the data takes place in bidirectional exchange with the systems, without the work environment within the Eplan platform having to be left. In contrast to the Eplan ERP/PDM Integration Suite, the Eplan ERP Integration Suite does not have the options for document management.

Eplan Smart Production

Eplan Smart Production combines the Smart Mounting and Smart Wiring solutions. The browser-based applications with a central web server support the process of manual enclosure equipping and wiring in an efficient manner.

The software provides the manufacturing employee with all the required information for the respective work step in digital form: from the component data through the positioning and the connecting points up to the routing tracks in the enclosure. The employee is guided step-by-step through the panel layout on the basis of a check list with all work steps in combination with the visual guidance in the 3D model. The manufacturing orders are managed centrally and the progress can be followed live via a dashboard.

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Starting from the component data, positioning, connecting points and routing tracks in the enclosure, the software provides you with all the required information in digital form - if required, also in 3D.

Add-on systems and add-on modules

NC and Wire Production

This optional and fee-based module includes output options for manufacturing data for, among other things, the following areas of application in manufacturing and the associated providers:

Machining

- NC DXF export
- NC Steinhauer

Wire fabrication

- Komax
- Schleuniger
- Steinhauer PWA
- CADCABEL
- Metzner (Wiring Cable Center)

Pro Panel Design Space Exchange

Through the optional, fee-based interface "Design Space Exchange" Eplan Pro Panel Professional allows to digitize the exchange of geometry and manufacturing data between mechanical design and enclosure design. Design Space Exchange automates the integration of the manufacturing-relevant data from the 3D mounting layout into the 3D mechanical model.

(The application requires further consultation and setting up. Please contact your responsible Eplan sales representative for further information.)

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Eplan ERP/PDM Integration Suite

Continuous data flows ensure transparency in the product development process. Through the Eplan ERP/PDM Integration Suite, Eplan manages the integration into existing ERP, PDM and PLM system landscapes. This allows working processes from the schematic to the master data to be optimized over the entire value chain. Rapid and individual provision of the data takes place in bidirectional exchange with the systems, without the work environment within the Eplan platform having to be left.

Through the provision of connectors for the most common PDM and PLM system landscapes an integration can be implemented rapidly.

Eplan API Extension

The optional Eplan API Extension extension module allows you to control Eplan externally through a programming interface or to extend and customize it customer-specifically. The program functions available in Eplan are structured in modules. They can be addressed directly from other programs through the programming interface. It is also possible to integrate customer-specific extensions into the Eplan user interface.

In principle only a text editor and a ".NET" compiler are required for this functionality. For development support, we recommend an integrated development environment such as "Visual Studio".

Languages supported by .NET can be used as programming languages. The code can be directly loaded, compiled, and executed in the system as a script.

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.

Licensing overview

X Standard functionality

Optional (fee-based) - Not available

	Pro Panel Stand-alone	Pro Panel Add-on
International page limitation	No	-
Concurrent License	Yes	Yes
Collaboration apps		
Eplan Data Portal	X	-
Parts management - eStock	X	-
Project viewer - eView	X	-
Data management - eManage	X	-
Electrical engineering		
Electrical engineering schematic generation	X	-
Multi-line representation	X	-
Single-line representation	X	-

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Assembly reports	X	-
Manufacturing data output	X	-
Part reports	X	-
Function-related reports	X	-
Graphical reports	X	-
Overview reports	X	-
Harness proD extensions	X	-
2D panel layout	X	-
Configuration of PLC controllers/bus systems	X	-
Net-based connections	X	-
Comment navigator+	X	-

Collaboration		
Revision control	X	-
Project management	X	-
Change of standard	X	-
Multilingual translation	X	-
Multi-user operation	X	-
Multi-user management	X	-
Multi-user monitor	X	-
Project options	X	-
Project verification	X	-
Rights management	X	-

3D mounting layout		
3D mounting layout	X	X
Defining processing information graphically	X	X
Pro Panel STEP import	X	X

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Pro Panel STEP export	X	X
Pro Panel JT import	X	X
Pro Panel JT export	X	X
Pro Panel IFC export	X	X

3D routing connections

Importing routing connections and devices	X	X
Routing wire routing connections - electrical engineering	X	X
Routing hose routing connections - fluid power	X	X
Routing piping routing connections - fluid power	X	X
Exporting interface Eplan Smart Production	X	X

3D copper items

Designing 3D copper items	X	X
Exporting 3D copper items - DXF	X	X
Exporting 3D copper items - NC	X	X

Rittal interfaces and integrations

RiPanel Integration	X	X
RiTherm Integration	X	X
Pro Panel Production Rittal Wire Terminal	X	X
Pro Panel Production RiPanel Processing Center	X	X
Pro Panel Production NC Rittal Perforex BC / Secarex	X	X
Pro Panel Production NC Rittal Perforex LC / Secarex	X	X

Performance Description

Contents: Eplan Pro Panel 2026

Status: 08/2025



Thermal Design Integration - View Data (for Rittal Cooling Solutions)	X	X
---	---	---

ERP integrations		
Eplan ERP Integration Suite	X	-

Eplan Smart Production - Smart Wiring / Smart Mounting (1 seat)**	X	X
--	---	---

Add-on systems and add-on modules		
Add-on module "NC and wire production"		
Pro Panel Production Wiring Komax	Optional	Optional
Pro Panel Production Wiring Schleuniger	Optional	Optional
Pro Panel Production Wiring Steinhauer PWA	Optional	Optional
Pro Panel Production NC Steinhauer	Optional	Optional
Production Wiring CADCABEL	Optional	Optional
Pro Panel Production Wiring CableCenter	Optional	Optional
Pro Panel NC DXF Export	Optional	Optional
Pro Panel Design Space Exchange	Optional	Optional
Language package (All)	Optional	-
Eplan ERP / PDM Integration Suite (EPIS)	Optional	-
Eplan API extensions	Optional	-
Eplan Preplanning add-on	Optional	-
Automated project generation - eBuild	Optional	-

** This applies only to newly purchased Eplan Pro Panel licenses and not to license conversions.

Errors and changes reserved.