

# Performance Description

Contents: Eplan ERP/PDM Integration Suite 2026  
Status: 08/2025



## Performance Description

Contents: Eplan ERP/PDM Integration Suite 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 ERP/PDM Integration Suite 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 ERP/PDM Integration Suite..... 6**  
**Software approvals..... 6**  
    Operating systems ..... 6  
**Hardware and software requirements for Eplan..... 7**  
**Overview of functions ..... 7**



# 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.

## **Performance Description**

Contents: Eplan ERP/PDM Integration Suite 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.

## **Software approvals**

In the current Version 2026 the programs of the Eplan platform are available as a 64-bit version.

## **Operating systems**

The Eplan Platform supports the 64-bit variants of the Microsoft operating systems Windows 10 and 11.

The Eplan user interface language installed must be supported by the operating system.

The Microsoft .NET framework 4.8.1 is required to operate the Eplan platform.

The program is identified by Eplan as compatible in accordance with the requirements specified in this performance description on the following operating systems:

### **Workstation**

Microsoft Windows 10 and 11 (64-bit) Pro, Enterprise  
Version 21H1, 21H2, 22H2



# 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.

## Overview of functions

X Standard functionality

- Not available

|  | ERP<br>Integration<br>Suite | ERP/PDM<br>Integration<br>Suite<br>(Eplan<br>Platform) | ERP/PDM<br>Integration<br>Suite<br>(Eplan<br>Harness<br>proD) |
|--|-----------------------------|--|---|
| <b>PDM: Create project</b>   |                             |  |   |
| Eplan project – creating on the basis of a project template  | -                           | X  | X   |
| Eplan project – importing meta data from the PDM system to Eplan (project properties)                | -                           | X  | X   |
| Eplan project – checking into the PDM system   | -                           | X  | X   |
| Eplan project – transferring meta data from the Eplan project (project properties) to the PDM system | -                           | X  | X   |
| Eplan project – saving the intermediate result (additionally) in the PDM system                      | -                           | X  | X   |
| Eplan project – setting "read only" locally after checking in  | -                           | X  | X   |
| Eplan project – deleting locally after checking in   | -                           | X  | X   |
| Eplan project – inserting again into the PDM system (importing)                                      | -                           | X  | X   |

## Performance Description

Contents: Eplan ERP/PDM Integration Suite 2026

Status: 08/2025



|  | ERP<br>Integration<br>Suite | ERP/PDM<br>Integration<br>Suite<br>(Eplan<br>Platform) | ERP/PDM<br>Integration<br>Suite<br>(Eplan<br>Harness<br>proD) |
|--|-----------------------------|--|---|
| Using selected Eplan project as a basis  | -                           | X  | X   |
| Start / calling of the PDM system from Eplan   | -                           | X  | X   |
| <b>PDM: Checking out project or fetching for view</b>  |                             |  |   |
| Eplan project – creating or restoring from a native file   | -                           | X  | X   |
| Eplan project – transferring the meta data from the PDM system into the Eplan project (project properties) | -                           | X  | X   |
| Eplan project – opening Eplan editing or view for the project  | -                           | X  | X   |
| Transfer of Eplan project structure information  | -                           | X  | -   |
| <b>PDM: Update project</b>   |                             |  |   |
| Transferring the updated meta data from the PDM system into the Eplan project (project properties)         | -                           | X  | X   |
| <b>PDM: Reject project check-out</b>   |                             |  |   |
| Eplan project – setting "read only" locally  | -                           | X  | X   |
| Eplan project – deleting locally   | -                           | X  | X   |
| <b>ERP/PDM: Bill of materials generation</b>   |                             |  |   |
| Eplan project export – total bill of materials   | X                           | X  | -   |
| Eplan project export – individual bill of materials  | X                           | X  | -   |
| Eplan project export – structured total bill of materials  | X                           | X  | X   |
| Eplan project export – structured individual bill of materials   | X                           | X  | X   |
| Preliminary creation and exporting of bill of materials header data  | X                           | X  | X   |
| Importing of bill of materials header data   | X                           | X  | X   |



## Performance Description

Contents: Eplan ERP/PDM Integration Suite 2026

Status: 08/2025



|  | ERP<br>Integration<br>Suite | ERP/PDM<br>Integration<br>Suite<br>(Eplan<br>Platform) | ERP/PDM<br>Integration<br>Suite<br>(Eplan<br>Harness<br>proD) |
|--|-----------------------------|--|---|
| <b>ERP/PDM: Parts synchronization</b>  |                             |  |   |
| Parts synchronization between ERP and Eplan parts database                                 | X                           | X  | X   |
| Complete part export possible  | X                           | X  | X   |
| Filter for exporting the parts data  | X                           | X  | X   |
| <b>PDM: Generating / exporting documents</b>   |                             |  |   |
| Export of Eplan project pages in a neutral format - DXF/DWG/TIF/BMP/JPG                    | -                           | X  | -   |
| Export of Eplan project pages in a neutral format (project-specific) - PDF                 | -                           | X  | -   |
| Export of Eplan Harness proD manufacturing drawings in a neutral format - DXF/DWG/PNG      | -                           | -  | X   |
| Export of Eplan Harness proD manufacturing drawings in a neutral format - PDF              | -                           | -  | X   |
| Generating report files (based on the labeling output or reports) – TXT and others         | -                           | X  | X   |
| Export of 3D models, for example in the STEP format  | -                           | X  | X   |
| Export of manufacturing data (machining, wire fabrication) - Rittal Perforex BC and others | -                           | X  | -   |
| <b>PDM: Release process - supporting functions</b>   |                             |  |   |
| Eplan project – restoring  | -                           | X  | X   |
| Eplan project – updating properties  | -                           | X  | X   |
| Eplan project – generation of the neutral format documents                                 | -                           | X  | X   |
| Eplan project – archiving  | -                           | X  | X   |
| <b>Advanced functions</b>  |                             |  |   |
| Display of PDM system messages   | -                           | X  | -   |

## Performance Description

Contents: Eplan ERP/PDM Integration Suite 2026

Status: 08/2025



|   | ERP<br>Integration<br>Suite | ERP/PDM<br>Integration<br>Suite<br>(Eplan<br>Platform) | ERP/PDM<br>Integration<br>Suite<br>(Eplan<br>Harness<br>proD) |
|---|-----------------------------|--|---|
| Starting of independent processes         | -                           | X  | X   |
| Pre- and post-processes for all functions | -                           | X  | X   |
| Optional translation of the project       | -                           | X  | -   |

(Errors and changes reserved.)



### Note:

With Eplan ERP/PDM Integration Suite the customer receives the corresponding installation media. To enable the basic functions described in the performance descriptions, the customer requires an adjustment of the configuration in a software environment, performed by Eplan Consulting to be commissioned separately.