Performance Description

Contents: Eplan Creo Cabling 2026
Status: 08/2025

Performance Description
Contents: Eplan Creo Cabling 2026
Status: 08/2025

Table of Contents

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 Creo Cabling Interface

The Eplan Creo Cabling Interface offers efficient possibilities to increase the workflow and system integration in one's own company. As a key component, Eplan Creo Cabling Interface allows data exchange between the Eplan Platform and Creo Parametric.

The Eplan Creo Cabling Interface provides the possibility to use standardized work processes in the interaction of the Eplan Platform with Creo Parametric. Engineering times can be reduced, the operation of the overall solution is simplified for the user, and familiarization times can be reduced. Through the Eplan Creo Cabling Interface data of the connected Creo Parametric application can be used without having to leave the working environment. The consistent data flow between the applications involved allows the accelerated and specific provision of data.

The Eplan Creo Cabling Interface consists of an Eplan Add-on, Creo Cabling Add-on and a Creo Parametric Extension called ECIB (Eplan Creo Interface Bridge). These components exchange connection information between Eplan Platform and Creo Parametric for routing purposes. Eplan Creo Interface Bridge is a development of Virtual Interconnect Ltd, Glasgow, United Kingdom.

Hardware requirements

The following hardware requirements apply to the Eplan products as well as the Eplan Creo Cabling Interface. Hardware requirements for the PTC Creo Parametric system are not listed and must be requested from the manufacturer.

Workstation

The computer platform is a PC with an Intel Core i5, i7, i9 or compatible proces-sor. Rather select a high-speed computer with less CPU cores than a slower computer with more CPU cores.

Recommended workstation configuration

Processor:	Multicore CPU, not older than three years
RAM:	16 GB
Hard disk:	500 GB
Monitor / graphics resolution:	2-screen solution with a resolution of at least 1280 x 1024 recommended 1920 x 1080
3D display:	Graphics card from ATI or Nvidia with the latest OpenGL driver

Network

We recommend using a Microsoft Windows network.

Net transfer rate of the server:	1 Gbits/s
Net transfer rate of the client computer:	100 Mbits/s
Recommended latency	< 1 ms

Hardware requirements for PTC Creo Parametric are not listed and must be requested from the manufacturer.

Software approvals

The Creo Cabling Add-on is available for the Eplan Platform Version:

- 2.8
- 2.9
- 2022
- 2023
- 2024
- 2025

The ECIB is available for Creo Parametric Version:

- 4
- 6
- 7
- 8
- 9
- 10
- 11

For details about the prerequisites of the Creo Parametric software please refer to the information provided by PTC.

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 4.5.2 is required to use the Eplan Creo Cabling Interfaces.

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

Citrix-Server

Terminal-Server with Citrix XenApp 7.15 and Citrix Desktop 7.15

Hardware requirements for PTC Creo Parametric are not listed and must be requested from the manufacturer.

Overview of functions

	Eplan Platform	ECIB
Export connection information in generic XML File	✓	✓
Export connected device information in generic XML File	✓	
Export connected types in generic XML File	✓	✓
Import connection information from generic XML File	✓	✓
Import connected device information from generic XML File		✓
Import connected types from generic XML File	✓	✓
XML content check when importing	✓	✓
Typical exchange data		
Connection point designation [source / target]	✓	✓
Connection properties (e.g. type, wire, cable, etc.)	✓	✓
Connection part number	✓	✓
Implicit and explicit terminals handling		✓
Ferrule handling		✓
Connection auto assigning		✓
Device part number	✓	✓
Device connections (pins)	✓	✓
Device properties	✓	✓
Project properties	✓	✓
Assignment		
Color mapping table	✓	✓
Units		
mm	✓	✓
Inch	✓	✓

Errors and changes reserved

Note:

The Creo Cabling Interface encompasses the Creo Cabling Add-on and the Creo Parametric ECIB. 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.