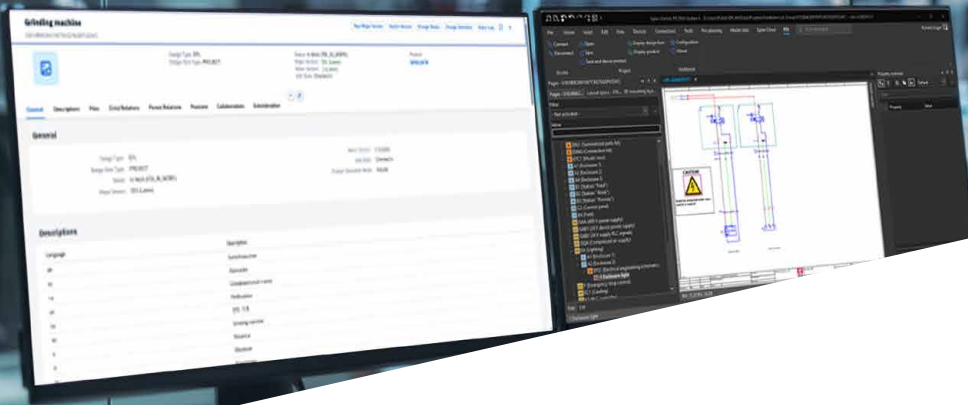


CIDEON

engineering digitized.



Cideon – engineering digitized.

SAP IPD interface to Eplan

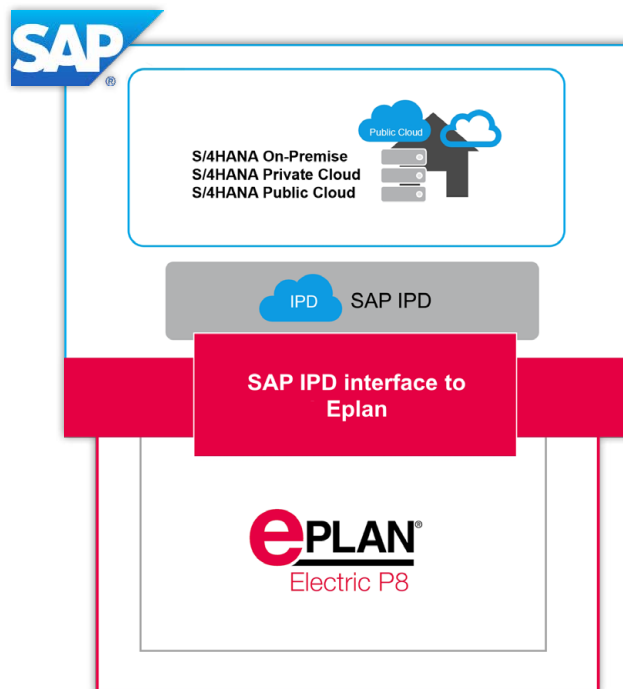
Innovative SAP PLM Solutions: Seamless Integration of CAD Systems into the SAP Cloud

With its new cloud-based PLM solutions, SAP provides a modern platform for managing product data consistently across all engineering disciplines.

SAP Product Data Integration (PDI) enables the direct integration of CAD systems and the transfer of their product and structure data into SAP Integrated Product Development (IPD) – the central engineering environment in the SAP Cloud. SAP IPD delivers software-as-a-service applications for product data, product structures, and change management, ensuring that engineering information is always current, consistent, and accessible across the organization.

Cideon is specialized in integrating CAD systems into this SAP environment and develops dedicated interfaces, such as the **SAP IPD interface to Eplan**.

This interface transfers product structures from Eplan into SAP IPD and links them with the relevant SAP objects, ensuring data availability for downstream processes throughout the SAP landscape.



Cideon develops the SAP IPD interface to Eplan exclusively for SAP SE and supports you in seamlessly integrating the solution into your development and business processes.



PROCESS CONSULTING

ENGINEERING SOFTWARE

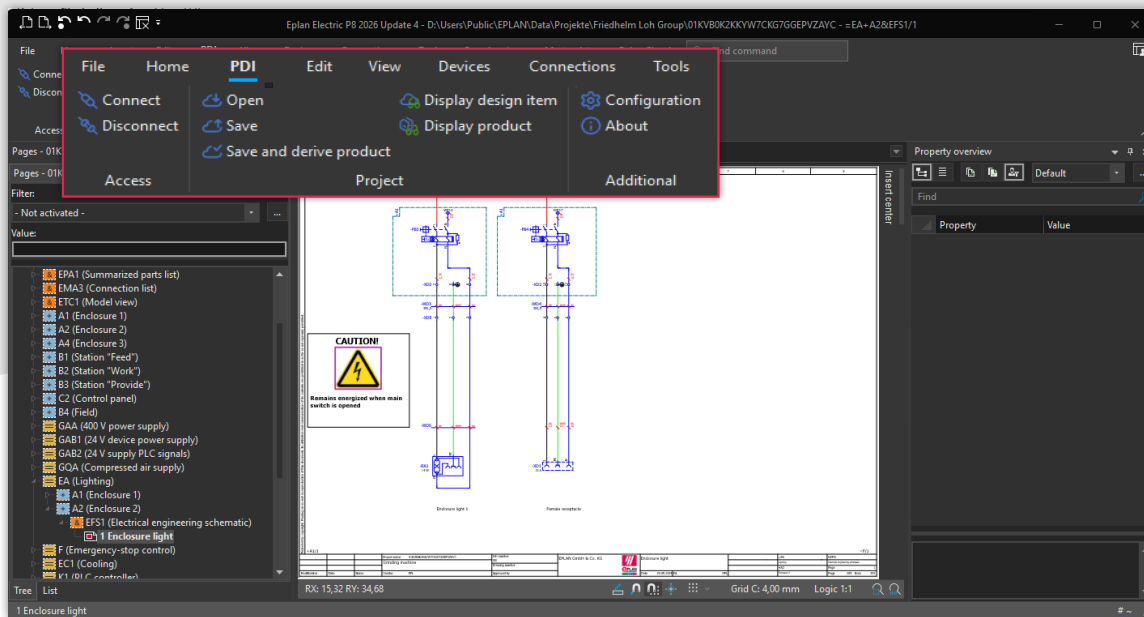
IMPLEMENTATION

GLOBAL SUPPORT

FRIEDHELM LOH GROUP



User Interface and Features



The SAP IPD function menu in Eplan

Intuitive SAP Integration for Eplan Users

The user interface of the SAP IPD interface to Eplan provides design engineers with an optimized working environment — created by engineers, for engineers. Eplan users can continue working in their familiar CAD environment while up- and downloading Eplan projects directly from SAP through the integrated SAP ribbon menu.

Efficient file management and the seamless transfer of Eplan projects into SAP ensure consistent and reliable design data for everyone involved in the development process, significantly increasing overall productivity.

Functions

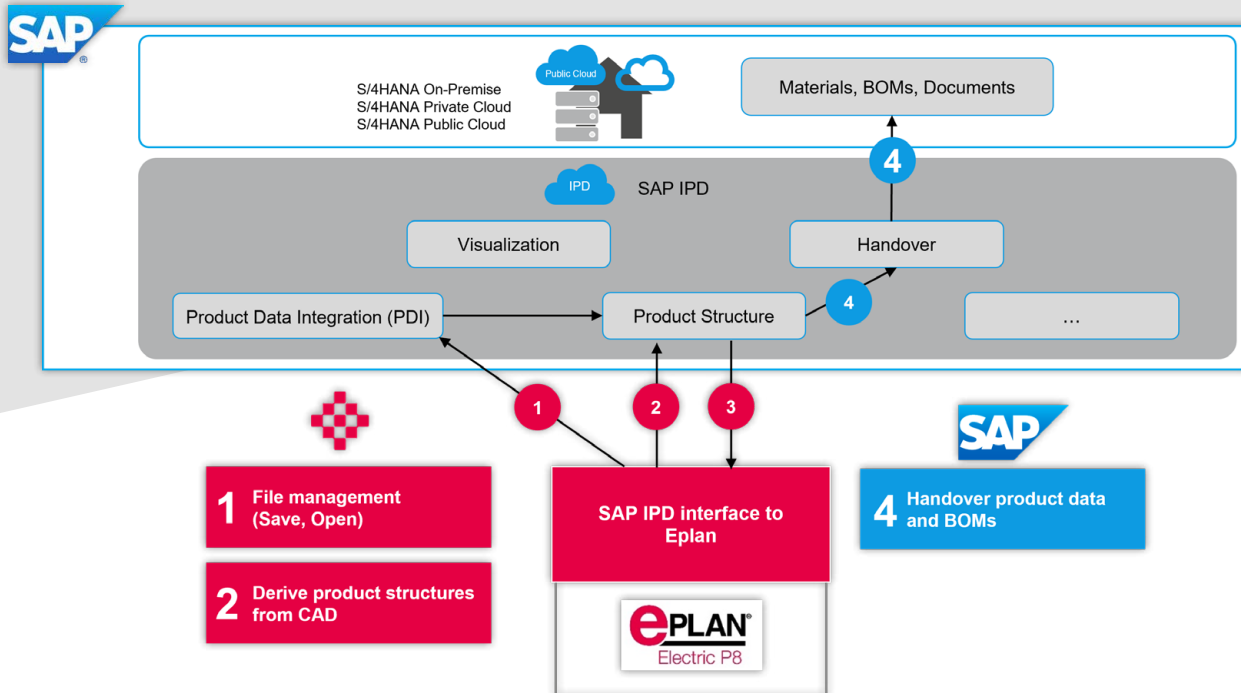
- Direct connection to SAP Integrated Product Development (IPD)
- Save Eplan projects, incl. PDFs, to SAP IPD as Design Items and versions
- Create SAP IPD (Early) Products
- Search for Eplan projects in SAP IPD
- View SAP IPD Design Items
- View SAP IPD Products



Highlights

- **Reduce effort**
by eliminating redundant data entry
- **All relevant information available**
centrally for all users
- **High data quality**
and always up-to-date engineering information
- **Secure and transparent processes**
across teams and departments
- **Direct and secure connection**
between Eplan and SAP
- **Reliable file management**
through direct File up- and download
- **Efficient CAD collaboration**
with external partners and suppliers

Interaction of the Integration with SAP

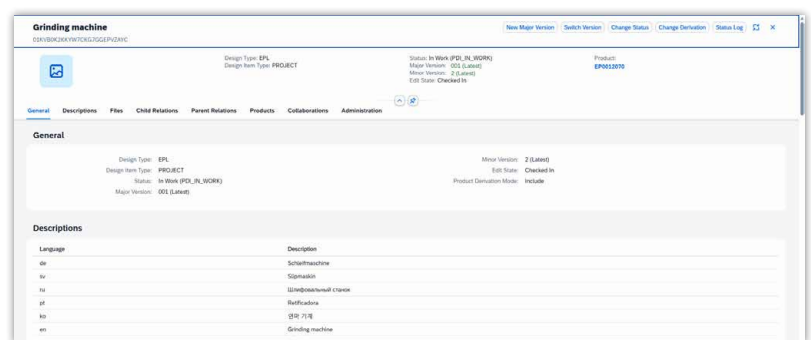


Connect Eplan to Business Processes

The SAP IPD interface to Eplan uses the SAP applications **Product Data Integration** and **Product Structure** to efficiently manage Eplan data within SAP IPD. Features such as Design Item Versioning make it easy to track design changes and revision statuses throughout the development process.

The seamless integration with other SAP IPD applications ensures consistent and reliable data handling across all engineering activities: With **Intelligent Handover**, product structures created in Eplan can be transferred from SAP IPD to downstream SAP systems such as SAP S/4HANA Cloud or SAP S/4HANA On-Premise, where they can be processed further as documents and materials.

The integration between SAP IPD and SAP ERP ensures that engineering data is transferred centrally, consistently, and securely into production-related processes. This reduces errors and accelerates time to market, enabling companies to benefit from streamlined workflows and high data consistency throughout the entire product lifecycle.



Eplan Project as an SAP IPD Product