CIDEON – engineering digitized.

CIDEON Vault Integration for EPLAN

Today's products are becoming increasingly complex and individualized resulting in ever more diverse information being generated by the engineering disciplines involved. Integrated engineering therefore requires standardized and transparent data management that covers all processes within the value chain.

Autodesk® Vault Professional® adresses this challenge and is the most comprehensive product data management (PDM) product in the Autodesk Vault family. It can be used to manage mechanical data from AutoCAD Mechanical and Inventor, as well as electrical and fluid engineering projects from EPLAN.

The CIDEON Vault Integration for EPLAN allows projects, associated documents, parts master data and bills of material information to be shared between EPLAN Electric P8 and Autodesk Vault Professional.

AUTODESK
Platinum Partner

ePLAN

The Many Advantages of an Integration

- **Efficient and secure file organization and storage**
  Data is easy to find, organize, copy and reuse

- **Centralized parts management**
  Seamless management of parts and parts lists (with parts management via Vault)

- **Integrated working method**
  High level of data consistency, e.g. by avoiding duplicate maintenance of parts metadata

- **Comprehensive control and releases**
  Reliable release and tracking functions and error prevention

- **Scalable solution for improved global collaboration**
  Data synchronization for multiple locations and geographically dispersed workgroups

- **Cost and time savings**
  Faster development cycles and increased reusability
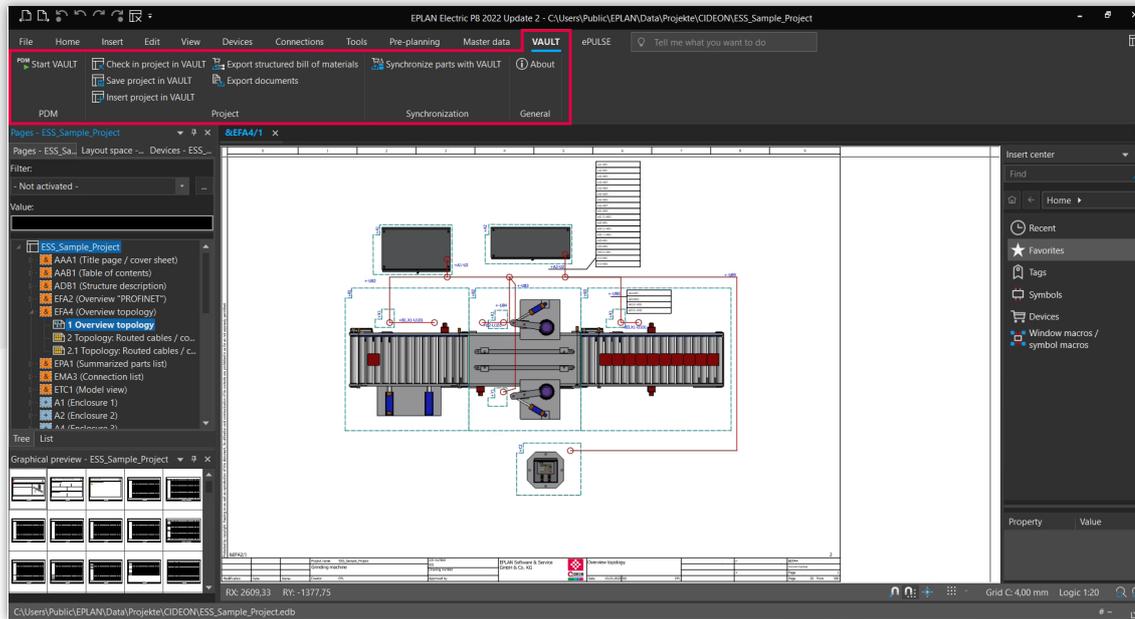
PROCESS CONSULTING   ENGINEERING SOFTWARE   IMPLEMENTATION   GLOBAL SUPPORT

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CIDEON Vault Integration for EPLAN

Document Management Features

Vault function menu
in EPLAN P8

Secure Storage and Management of EPLAN projects

Vault Professional enables you to store and manage all your EPLAN project data so that it is accessible in parallel to your mechanical CAD design data.

Management functions are available in both Vault and EPLAN. For example, projects can be imported directly from EPLAN to Vault, checked out and checked back in again after editing.

Template-based creation and copying of existing projects is possible directly from Vault, as well as direct opening, editing and saving.
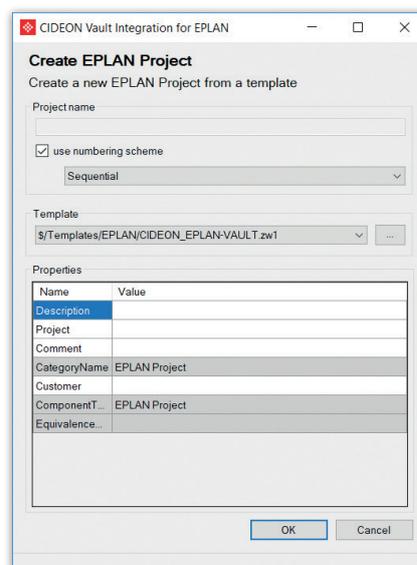
Multilingual PDF files can also be created simultaneously which other Vault users can then view without installing EPLAN.

Rights management in Vault enables centralized access to all project data and protection against unauthorized use. Vault has a multi-user function to allow users to work on an EPLAN project that has already been checked out.
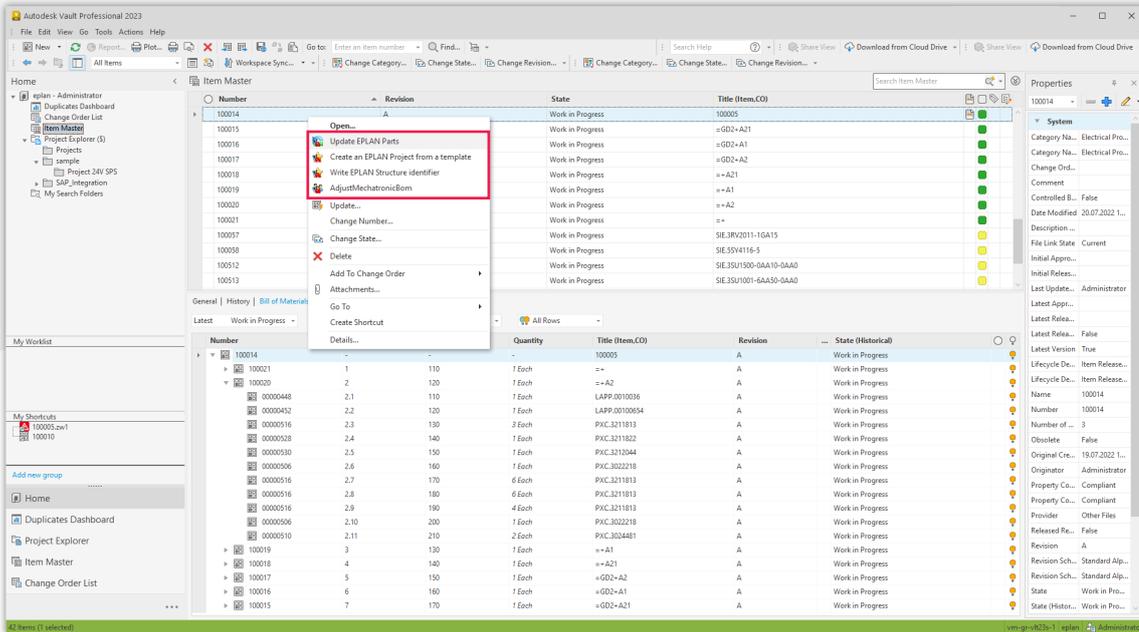
Managing Header Data

EPLAN project header data and properties are managed via Vault Professional. The data can be bidirectionally configured as required to ensure compatibility in both systems. You can then be sure that the information in your EPLAN documents is always up to date.

Create dialogue with
template selection and
header data maintenance

CIDEON Vault Integration for EPLAN
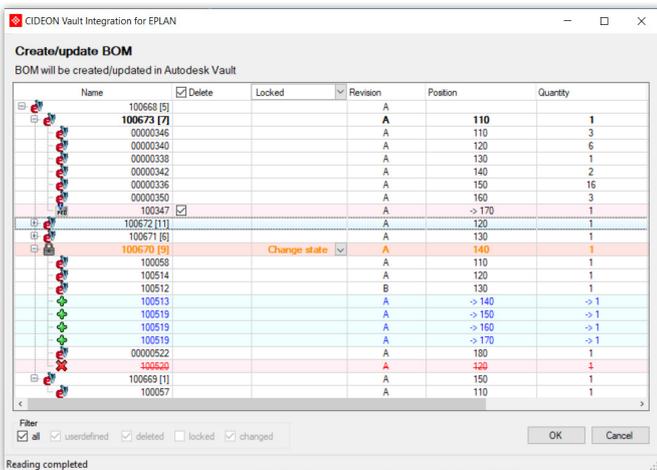
Parts Management Features

EPLAN items in Autodesk Vault Professional and the context menu

Centralized Parts Management

The CIDEON Vault Integration for EPLAN enables you to manage your parts completely in Vault. Parts created in EPLAN using bidirectionally synchronized metadata are displayed in Vault Professional so that bill of materials can be viewed in Vault. In this way, all article information such as number, supplier, manufacturer and bill of material information is always accessible across departments.

Bill of Materials (BOM)

Transferring bill of materials structured according to plant location is a feature of integration. Vault impresses with simple and clear management of all project data such as projects, parts masters, PDFs of schematics and structured parts lists. All information is made transparent including the variants within the company. The result is faster project planning with improved quality based on established standards.

Bill of material creation/updating with color highlighting for amended, new or locked items

Our Offer:
The Mechatronic Parts List

Working with separate BOMs from electrical engineering and mechanial is time-consuming and error-prone. Combine both lists into one mechatronic bill of material. Avoid higher costs and delayed delivery dates. **We will be happy to advise you!**

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CIDEON Vault Integration for EPLAN

Overview of Functions

EPLAN Projects

- (Multilingual) creation in Vault using templates
- Copying existing projects to Vault
- Project import directly from EPLAN
- Open, edit, save and check-in
- Automatic generation and attachment of single or multi-page PDF files
- Release management in Vault
- Multi-user support

Parts and Bill of Materials (BOM) Management

- Synchronization of parts between the EPLAN parts database and Vault*
- Update of Vault Professional metadata in EPLAN part properties
- BOM transfers for parts overviews and parts list items

*) For the transfer of metadata (Vault item creation and change) the EPLAN Parts Synchronizer is available as part of the EPLAN ERP-PDM Integration Suite (EPIS) as an add-on module (server/client components).

Installation and Configuration

- MSI installation ("silent")
- One installation per user
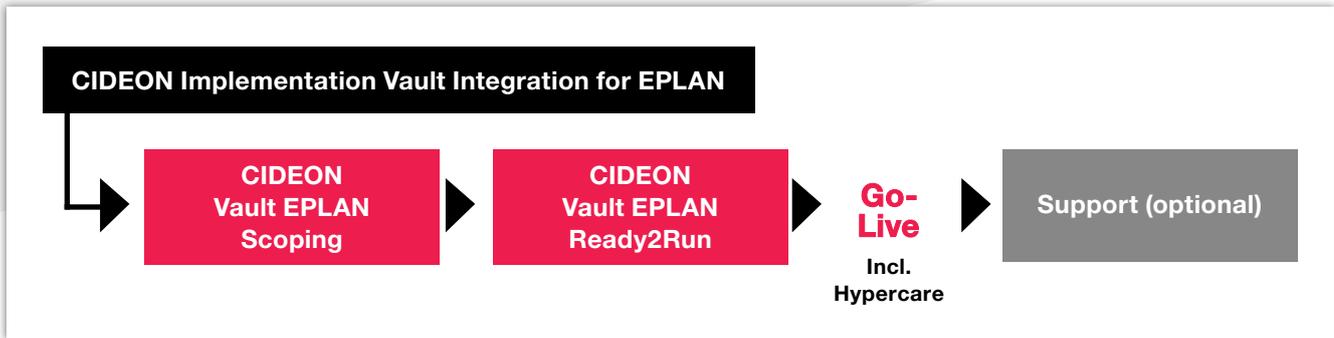- Easy configuration using the CIDEON XML Configuration Utility

CIDEON Professional Services – Your Guarantee for Project Success

Our experience from hundreds of projects means we have unmatched expertise in products and consulting. We have helped customers to find solutions, define use cases and implement specific requirements from which everyone can now benefit. We know what is expected from an integration project and what needs to be considered and are therefore able to develop expert standard sofware. In addition to our PLM/PDM and engineering expertise, we also offer comprehensive consultancy and best practices to ensure your integration project succeeds.

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Vault
CERTIFIED APP
2023

CIDEON Vault Integration for EPLAN

CIDEON Implementation Packages

With our service packages, we make the introduction of CIDEON Vault Integration for EPLAN as easy as possible without burdening your valuable time and limited resources with excessive project scopes. We help you with a structured and coordinated requirements definition and subsequent system implementation based on existing standard configurations.

CIDEON Implementation Packages - professional and coordinated support for your project team

CIDEON Vault EPLAN Scoping

- Recording of the system environment
- Requirments definition workshop
  (projects, project articles, parts lists, articles)
- Recording and definition of workflows
- Definition and documentation of the necessary requirements for the implementation
- Specifications for implementation and budget review

CIDEON Vault EPLAN Ready2Run

- Project management and project organization of the CIDEON employees involved
- Development and implementation of various use cases
- Definition and setup of users and user groups
- Configuration of the Vault environment
- Configuration of the CIDEON Vault Integration for EPLAN (with parts and BOMs)
- Configuration of the ERP/PDM Integration Suite
- Integration user training

Support
Optionally, you can request further support for administrators and users.

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