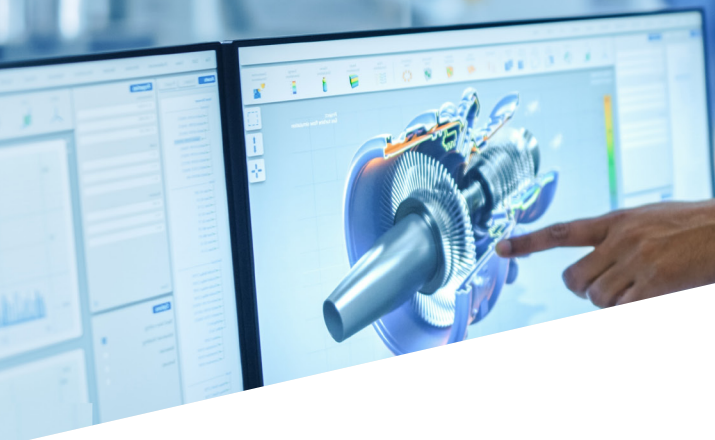


# CIDEON

engineering digitized.



Cideon – engineering digitized.

## Cideon Vault ERP Integration

The integration of product data management (PDM) with an enterprise resource planning (ERP) system is a fundamental building block for smooth collaboration between the various departments involved in product development.



**AUTODESK**  
Vault Professional

### PDM - ERP Integration Made Easy

Cideon Vault ERP Integration provides the basis for automated information exchange of development-relevant documents, article/material master data and parts list information between Autodesk® Vault® Professional and various ERP systems, for example:



Microsoft Dynamics 365 PRO ALPHA



### Highlights

- **Increased data consistency**  
throughout the product development process and the entire product life cycle
- **Cost and time savings**  
through integrated and parallel processes
- **Eliminate multiple data entry**  
of item or bill of material information
- **No manual transfer**  
of drawing documents to purchasing, production, service, etc.
- **Convenient, flexible configuration**  
without programming

In this way, relevant data and information for other areas and processes are made available throughout the company without additional effort, always up-to-date and always valid.

Engineers work in their familiar working environment and can focus on innovative engineering tasks.

The Cideon Vault ERP integration supports them in this.



**CIDEON**

PROCESS CONSULTING

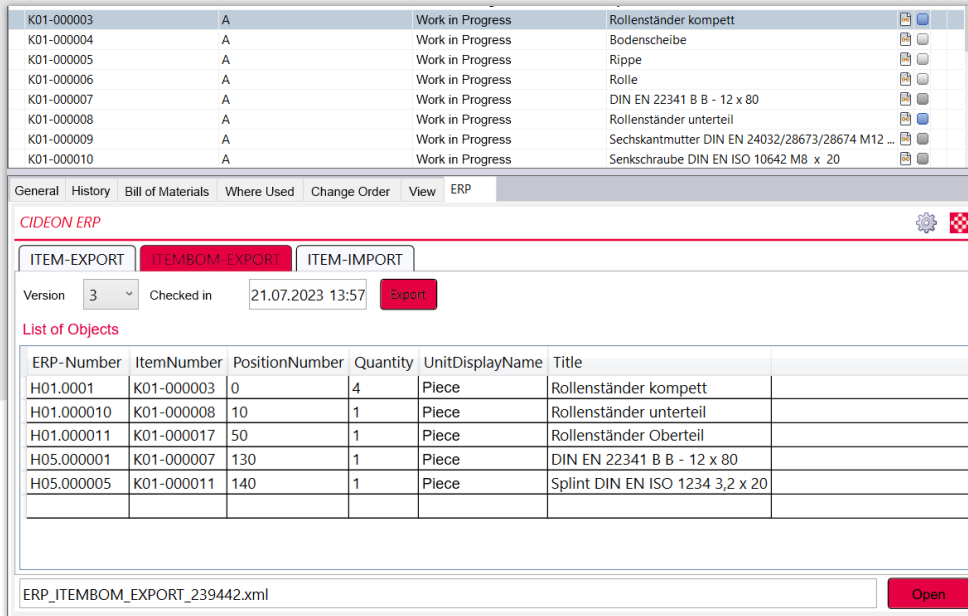
ENGINEERING SOFTWARE

IMPLEMENTATION

GLOBAL SUPPORT

FRIEDHELM LOH GROUP

# Functions



ERP information and integration capabilities are displayed on an additional tab in Vault Professional.

## Reduced Implementation and Maintenance Costs Thanks to Cideon Standard Integration

Cideon Vault ERP Integration enables the data exchange of Vault Professional and ERP objects based on the XML standard. The structure of the XML configuration is the same for each export type and can be customized with the included editor without any programming.

### Vault Items/ERP Articles

- Export items from Vault
- Importing/updating items in Vault
- Bidirectional mapping of item/article attributes

### Parts Lists

- Export of single-level Vault article parts lists and their attributes (e.g. quantity, item number, etc.)

### Documents

- Document file export (to a network directory)
- Export of document links that are referenced by an article (display in browser with download option)
- Document/article link in the ERP system
- Document parts list export from the CAD 3D structure (can be transferred to the ERP as an engineering parts list if no Vault parts list exists).

### Other Features Included

- Use of the Vault job processor for exports
- Archiving of XML files
- SQL translator available as alternative communication with the ERP system available
- Optional translators for the ERP systems ABAS and AMS (individual translators can be implemented on request)

### Versions and System Requirements

- Autodesk® Vault Professional® 2024, 2023, 2022, 2021
- MS® Windows 10 Professional, Enterprise (1803 or higher)



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