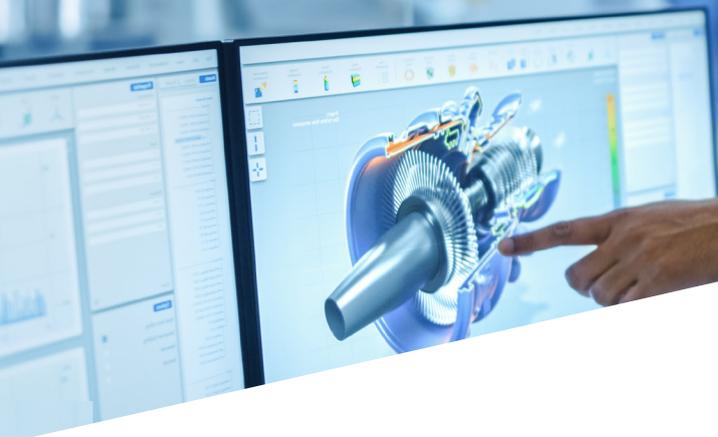


# CIDEON

engineering digitized.



Cideon – engineering digitized.

## Cideon Vault ERP Integration

The integration of product data management (PDM) into an enterprise resource planning (ERP) system is the basic 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®/Autodesk® Professional and various ERP systems, for example:



**Microsoft Dynamics 365** **PROALPHA**



#### **Highlights**

- **Increased data consistency**  
in the product development process and entire product life cycle
- **Cost and time savings**  
through integrated and parallelized processes
- **No multiple data entries**  
of articles or parts list information
- **No manual forwarding**  
of drawing documents to purchasing, production, service, etc.
- **Practical, 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 concentrate on innovative engineering tasks. The Cideon Vault ERP integration provides them with optimum support.



PROCESS CONSULTING

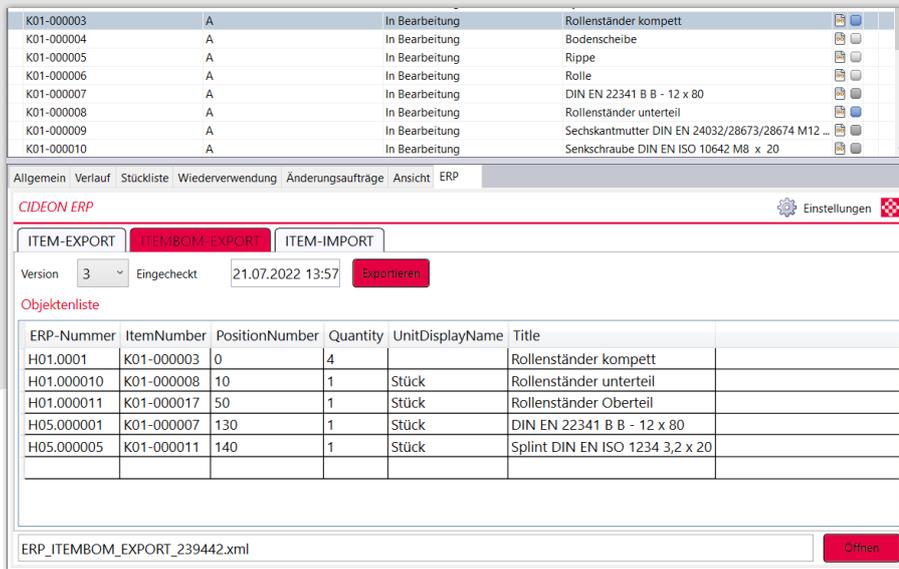
ENGINEERING SOFTWARE

IMPLEMENTATION

GLOBAL SUPPORT



# Functions



ERP information and integration functions 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 adapted using the supplied 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

- 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).

### Further features

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

### Versions and system requirements

- Autodesk Vault Professional 2021 and higher
- MS Windows 10 or higher



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