

CIDEON

engineering digitized.

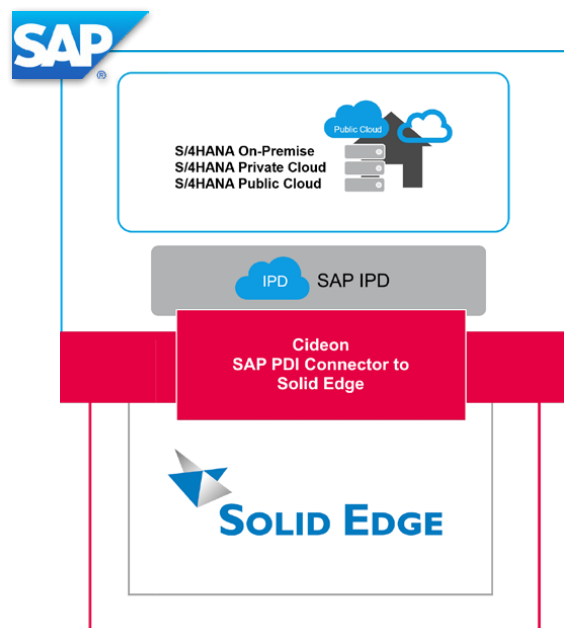
Cideon – engineering digitized.

Cideon SAP PDI Connector to Solid Edge

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

SAP's new solutions provide a comprehensive platform for managing consistent product data across all engineering disciplines. SAP Product Data Integration (PDI) technology makes it possible to integrate product information from multiple sources directly into SAP S/4HANA – whether in the public cloud, private cloud, or on-premise.

Cideon specializes in the integration of CAD systems into this SAP environment and develops SAP PDI connectors for this purpose, such as the **Cideon SAP PDI Connector to Solid Edge**. It transfers Solid Edge product structures and links relevant data with SAP objects, making them available for downstream SAP logistics processes.



Cideon helps you drive your digital transformation by efficiently integrating these solutions into your processes.

PROCESS CONSULTING

ENGINEERING SOFTWARE

IMPLEMENTATION

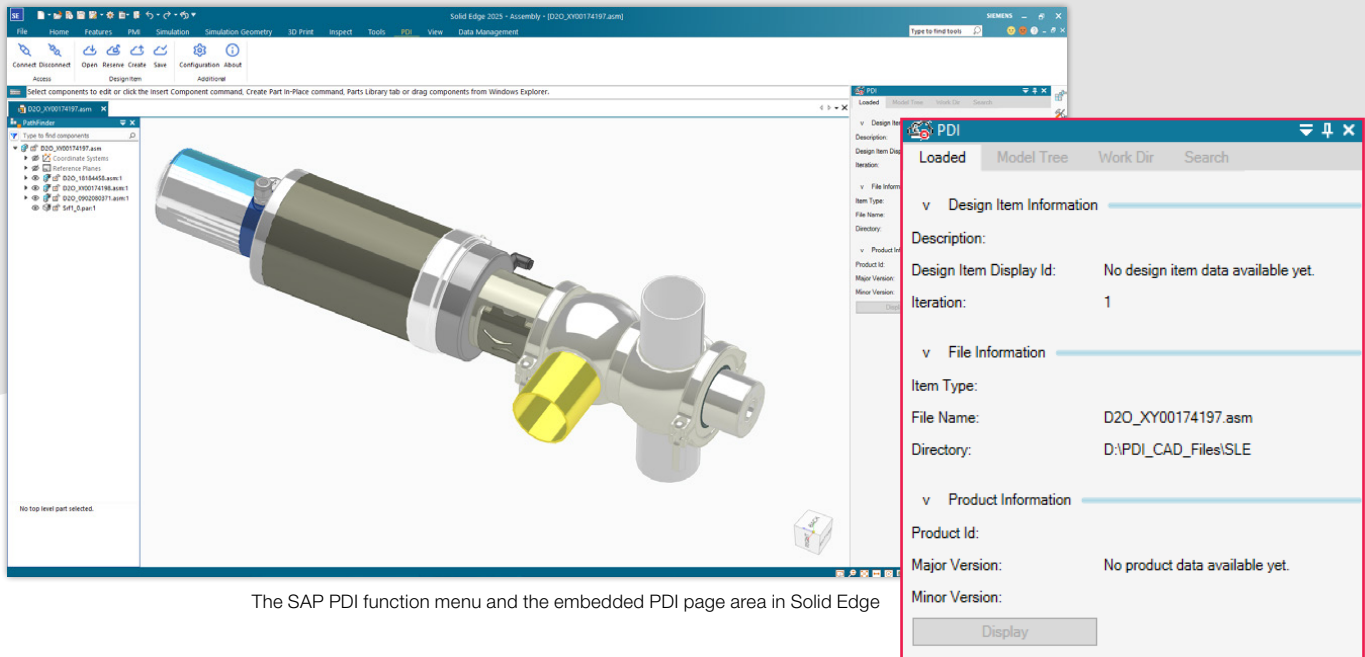
GLOBAL SUPPORT

FRIEDHELM LOH GROUP



Cideon SAP PDI Connector to Solid Edge

User Interface and Features



Intuitive Integration for Solid Edge Users

The intuitive user interface of the Cideon SAP PDI Connector to Solid Edge provides design engineers with an optimal working environment that has been designed by engineers for engineers. Solid Edge users can continue to work in their familiar environment and edit or view original files directly from SAP via the integrated SAP PDI ribbon menu. Easy file management and the transfer of product structures to SAP ensures consistent data structures for everyone involved in the design process, greatly increasing efficiency.

Functions

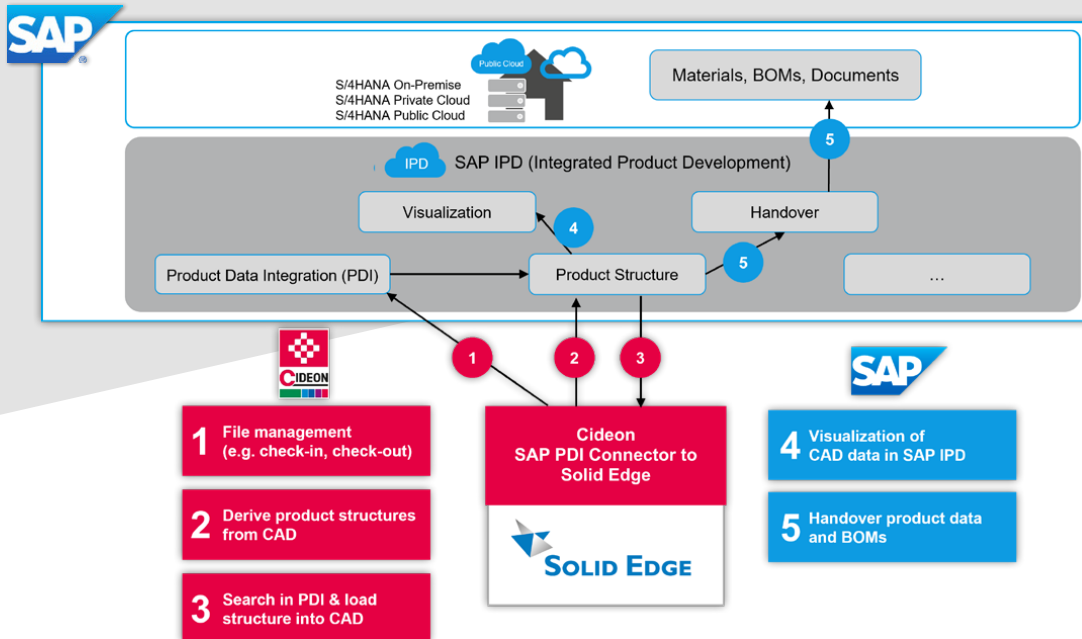
- Direct connection with SAP Integrated Product Development (IPD)
- Check-In/Check-Out of entire Solid Edge assemblies
- Create and version SAP IPD design items
- Search for Solid Edge files and load into CAD
- Create SAP IPD products
- Derive of the Solid Edge assembly structure into the SAP IPD product structure



Highlights

- Reduce effort by eliminating redundant entries
 - All users have the relevant information available in the system
 - Ensure data quality and timeliness
 - Secure processes – within and across departments
 - Direct and secure connection from the CAD system to SAP
 - Secure file management (check-in/out)
 - CAD collaboration with external vendors
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- Display design items and product data for selected Solid Edge elements
 - Mapping of Solid Edgefile properties to SAP metadata
 - Automatic generation of previews

Interaction of the Integration with SAP



Connect Solid Edge to Business Processes

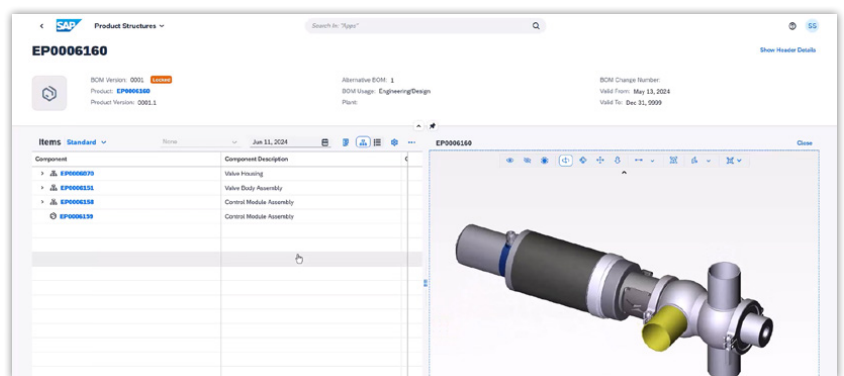
SAP PLM in the cloud, built on the SAP Business Technology Platform (BTP), delivers SaaS applications that streamline product development and improve workflows.

The Cideon SAP PDI Connector to Solid Edge uses the **Product Data Integration** and **Product Structure** applications to efficiently manage Solid Edge data in SAP. Features such as Design Item Iteration make it easy to track design items.

Seamless integration into other SAP IPD applications ensures consistent and efficient data processing: **Visualization** enables a 3D digital mockup using the SAP Viewer integrated directly into the product structure.

With **Intelligent Handover**, product structures can be transferred from Solid Edge to SAP cloud or SAP on-premise systems in the form of SAP Documents, Materials, and Bill of Materials.

The integration between SAP IPD and SAP ERP enables efficient production planning, reduces errors, and accelerates time-to-market, significantly increasing overall productivity and data consistency.



An Solid Edge assembly as SAP Product Structure and its visualization

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