



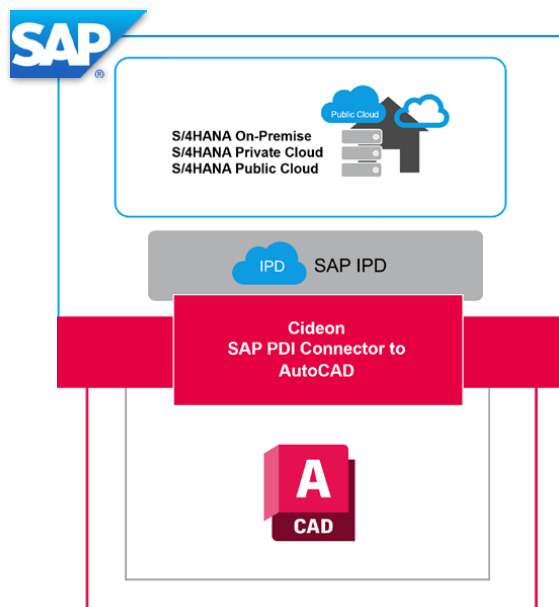
Cideon – engineering digitized.

## Cideon SAP PDI Connector to AutoCAD

### Innovative SAP 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 AutoCAD**. It transfers AutoCAD 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.**



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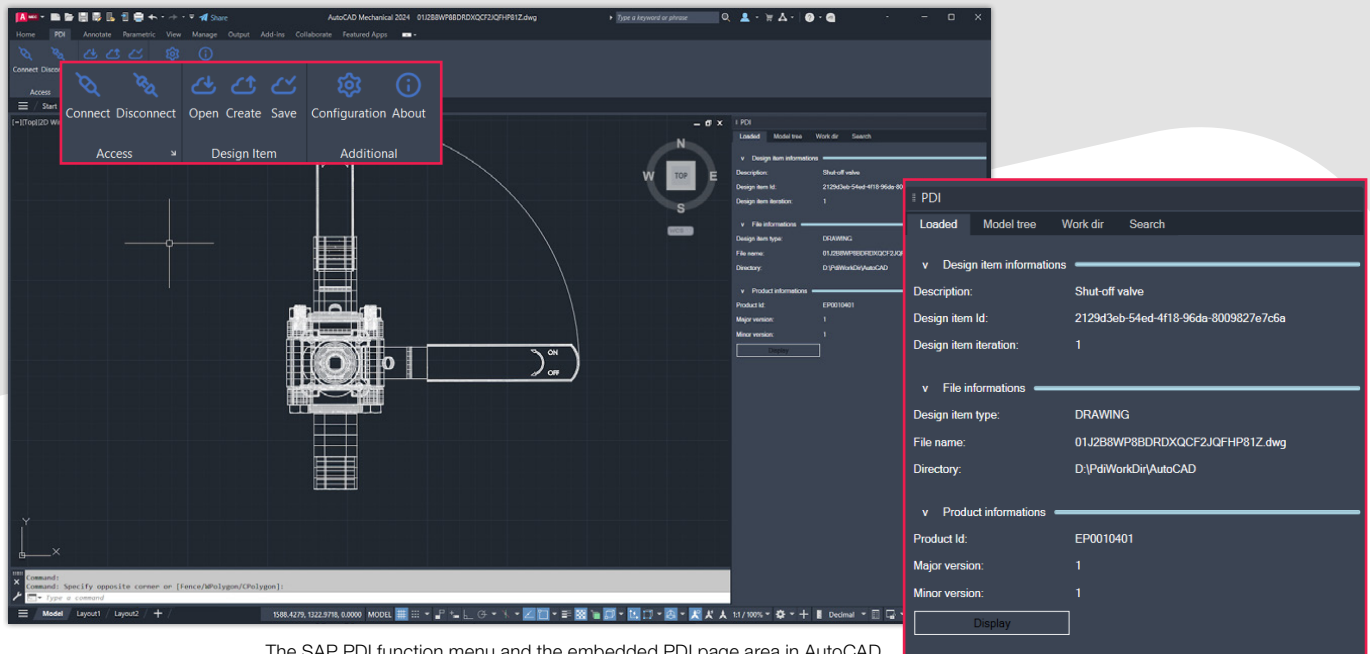
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# Cideon SAP PDI Connector to AutoCAD

## User Interface and Features



### Intuitive Integration for AutoCAD Users

The intuitive user interface of the Cideon SAP PDI Connector to AutoCAD provides design engineers with an optimal working environment that has been designed by engineers for engineers. AutoCAD 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 IPD (Integrated Product Development)
- Check-In/Check-Out of AutoCAD files and references
- Create and version SAP IPD design items
- Create of SAP IPD products
- Search for AutoCAD files and load into CAD
- Create SAP IPD products
- Derive of the AutoCAD reference structure into the SAP IPD product structure
- Display design items and product data for selected AutoCAD elements
- Support of AutoCAD parts lists and derivation into the SAP IPD product structure

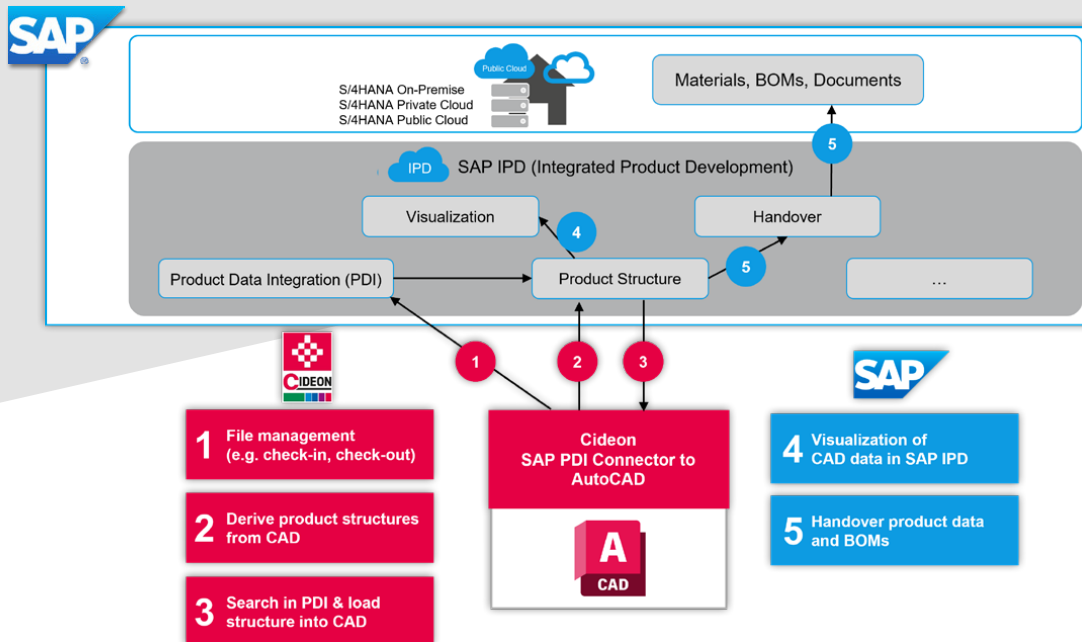


### Highlights

- 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
- 
- Mapping of AutoCAD file properties to SAP metadata
  - Automatic generation of previews



## Interaction of the Integration with SAP



### Connect AutoCAD with Business Processes

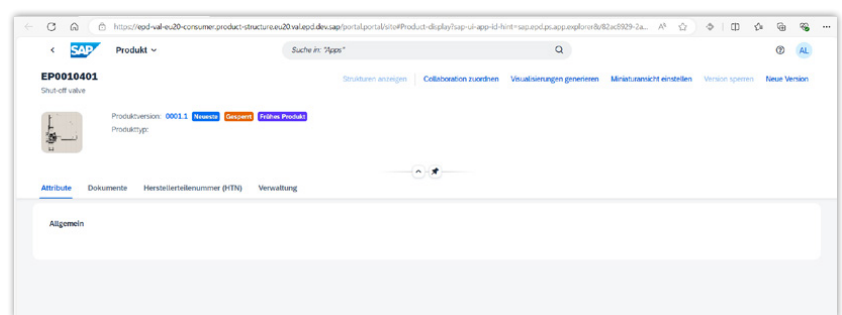
SAP PLM in the cloud, built on the SAP Business Technology Platform (BTP), delivers SaaS applications that streamline product development and improve workflows.

The Cideon SAP PDI Connector to AutoCAD uses the **Product Data Integration** and **Product Structure** applications to efficiently manage AutoCAD 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.

With **Intelligent Handover**, product structures can be transferred from AutoCAD 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 AutoCAD drawing as SAP Product Structure and its visualization

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