

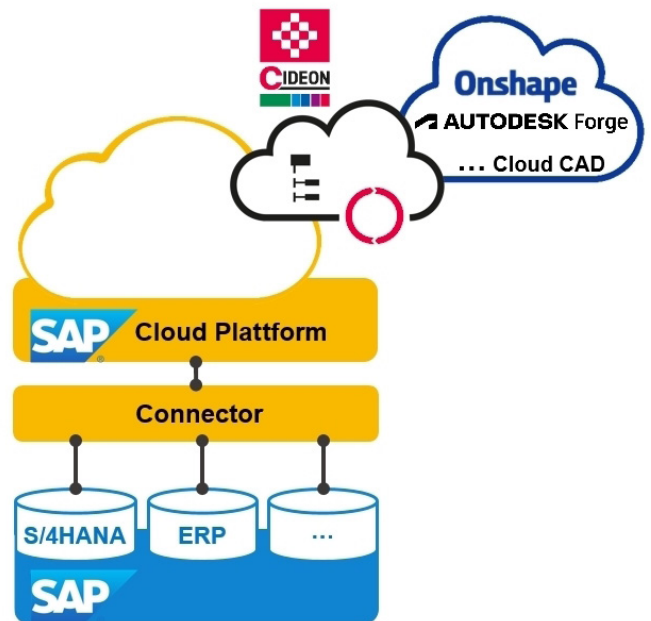


CIDEON – engineering digitized.

CIDEON Cloud CAD Integration for SAP

The concept of Software-as-a-Service (SaaS) is constantly growing. Cloud CAD-based subscription models are increasingly becoming the modern alternative to local CAD software environments. Security concerns today are addressed by the use of professional high-security data centers, whose security standards are usually much higher than those of corporate servers. The advantages of a cloud lies in the acceleration in product development, as companies can concentrate on their core competencies and remain competitive.

CIDEON has specialized in the topic cloud, providing expertise in delivering the foundational technology that enables digital transformation for manufacturing companies.



CIDEON Cloud CAD Integration connects mechanical engineering data (documents, assemblies, parts) from Cloud CAD systems, such as Onshape® and Autodesk® Forge®, with the SAP Cloud platform and via connectors with OnPremise SAP ERP systems. In this way, all cloud CAD data and product structures are available for logistical SAP downstream processes and along the entire product value chain.



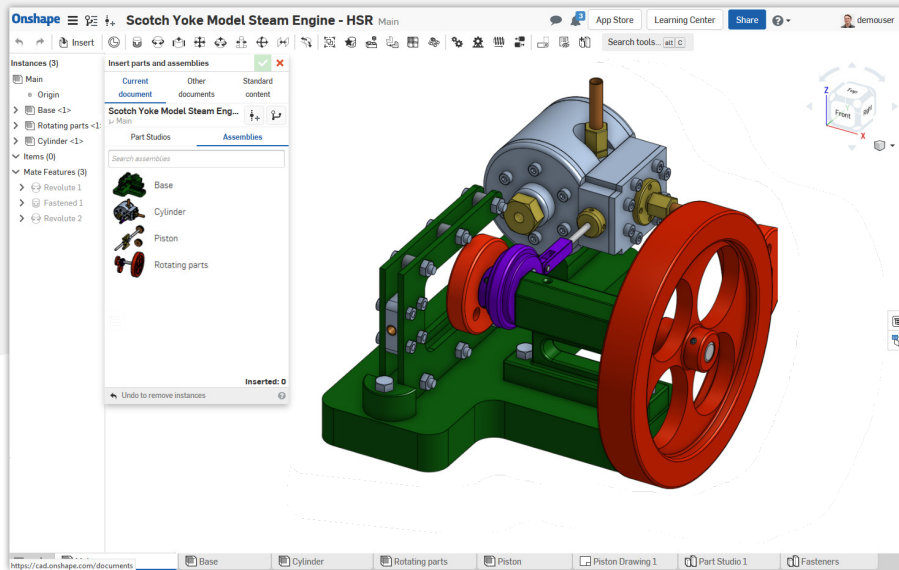
PROCESS CONSULTING

ENGINEERING SOFTWARE

IMPLEMENTATION

GLOBAL SUPPORT

Overview user interface

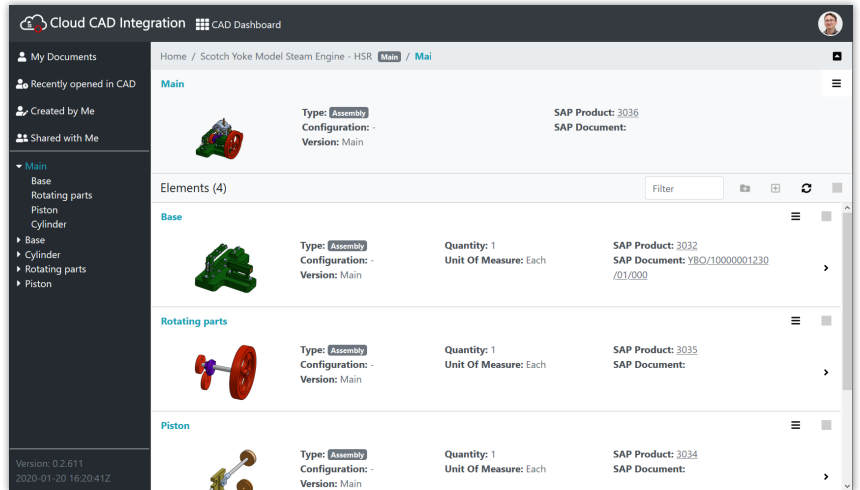


Cloud CAD assembly model (example Onshape)

Integrate Cloud CAD and SAP Business Objects with a Mouse Click

With the CIDEON Cloud CAD Integration SAP master data objects are derived in the connected SAP system and are linked with the Cloud CAD components – according to their assembly structure.

The easy-to-use interface allows for simple browsing in Cloud CAD structures via a navigation bar and objects are listed level-by-level. From there you can reach the linked SAP objects with one click.



Browser interface of the integration with navigation pane and view on Cloud CAD assemblies with their SAP object information

Little effort for fast enablement!

CIDEON provides Cloud CAD Integration for SAP as a hosted turnkey solution.

We are happy to advise you.

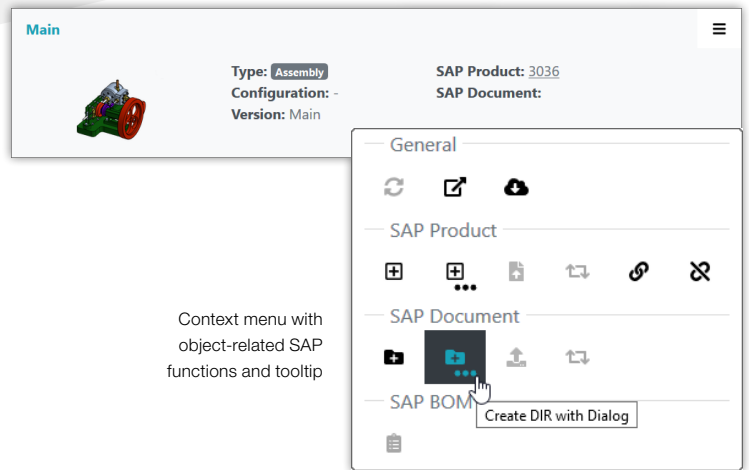


Overview of Functions

Easy Cloud Adjustment With Huge SAP Functionality

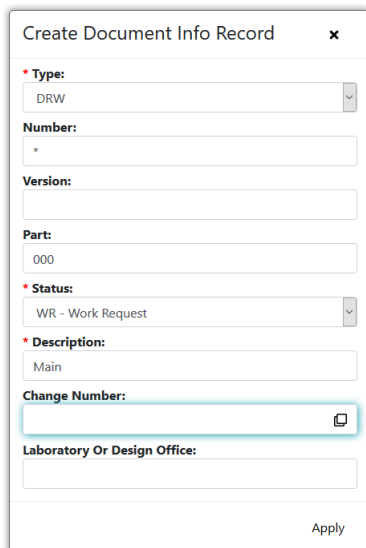
Even in a world where CAD documents are fully managed, versioned and collaborated by a cloud CAD system, there is a need to provide neutral files or previews to downstream users. The CIDEON integration generates and sends neutral formats automatically to the SAP system, triggered by defined cloud CAD-processes.

All SAP functions that can be performed on the Cloud CAD components are carried out via a context-sensitive menu that only provides the appropriate commands for the corresponding object.



SAP Document Info Record (DIR)

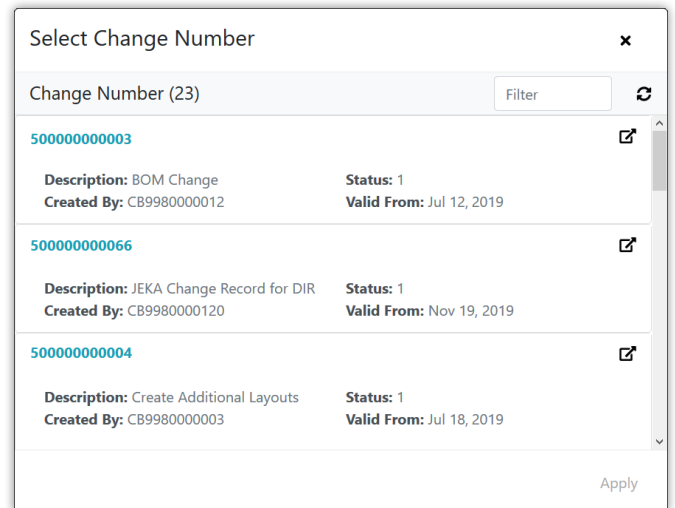
- Create SAP DIR in the background or with a dialog
- Automatically or manually generate neutral exchange formats or upload files (such as PDF) to SAP



Dialog when creating an SAP DIR

SAP Engineering Change Number (ECN)

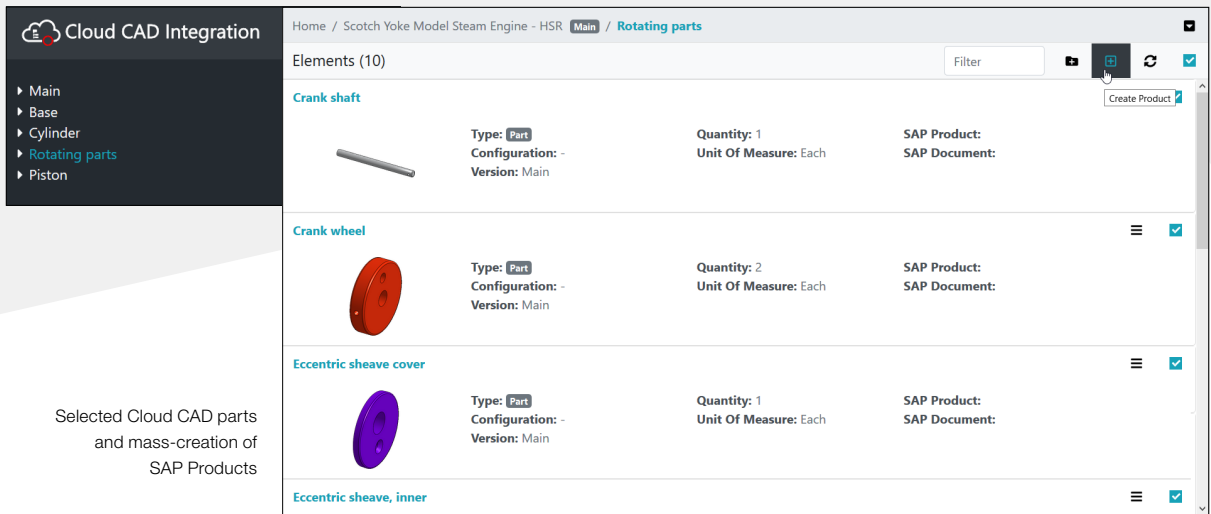
- SAP DIR, SAP Product and/or SAP Bill of Materials



Dialog for selecting the SAP change number



Overview of Functions

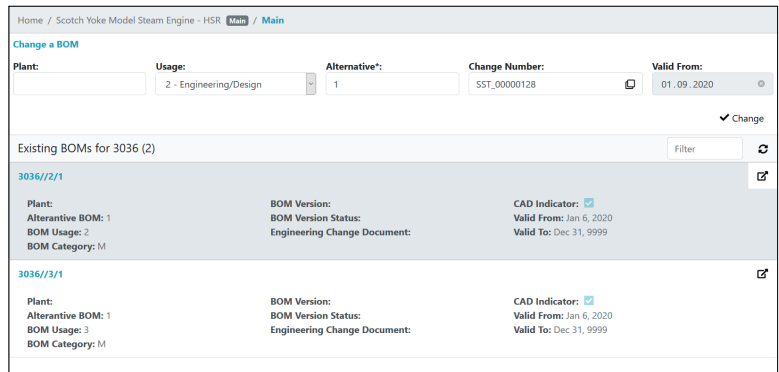


Selected Cloud CAD parts and mass-creation of SAP Products

The CIDEON integration also supports the symbiosis between other important logistical SAP objects and Cloud CAD components by simply connecting them via direct or context menu functions.

SAP Product (Material Master)

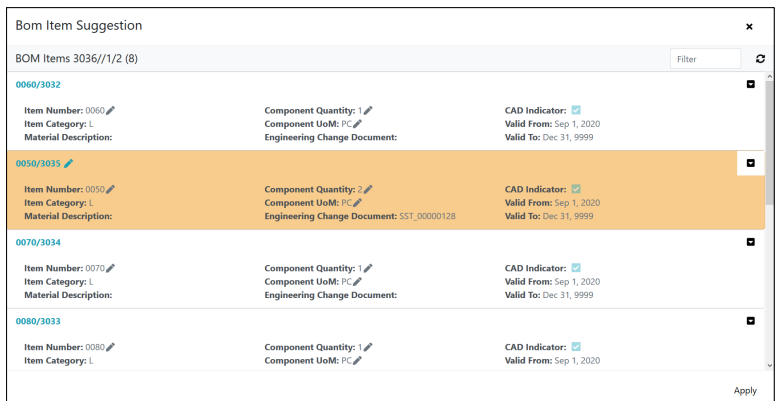
- Create, search, assign and unassign
- Mark and update SAP Products for single or multi-selected Cloud CAD-parts and assemblies



List of existing SAP BOMs

SAP Bill of Materials (BOM)

- Create and update SAP BOMs for Cloud CAD assemblies
- Display structure and items
- Highlight changes with colored rows
- Display structure and items



Suggestion of BOM items, when updated with changed item

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