

CIDEON

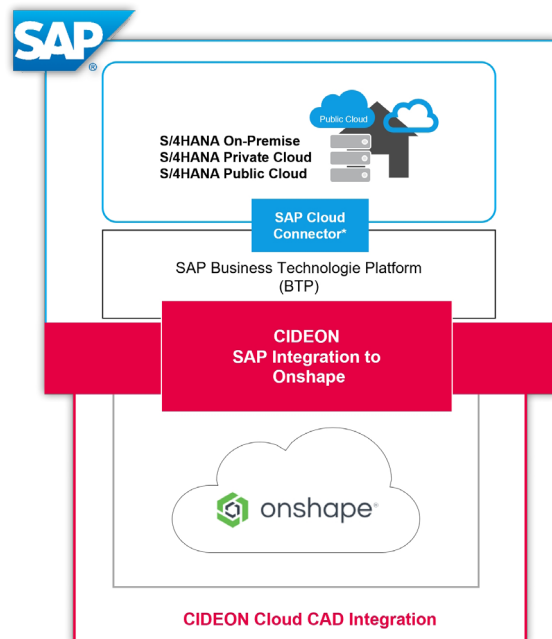
engineering digitized.

CIDEON – engineering digitized.

CIDEON SAP Integration to Onshape

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 lie in accelerating 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 SAP Integration to Onshape connects design data (documents, assemblies, parts) from the cloud CAD system Onshape to the SAP Business Technology Platform, which is connected to on-premises SAP ERP systems via connectors.

As a result, all cloud CAD data and product structures are available for downstream SAP logistics processes and throughout the product value chain.

PROCESS CONSULTING

ENGINEERING SOFTWARE

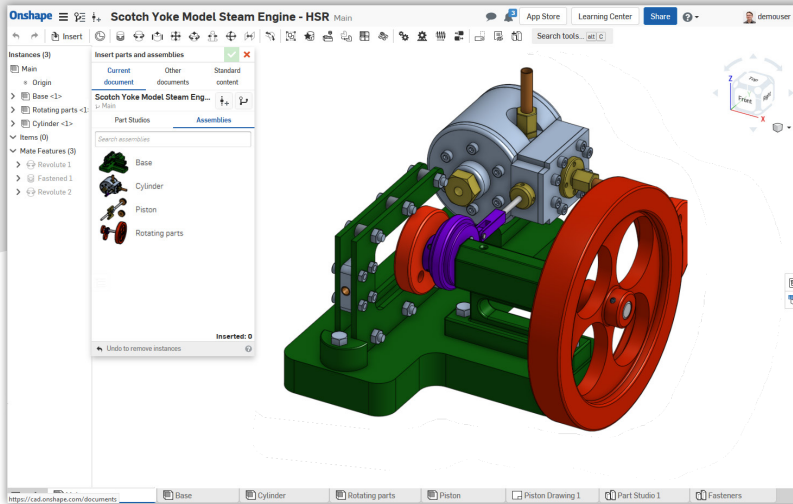
IMPLEMENTATION

GLOBAL SUPPORT

FRIEDHELM LOH GROUP



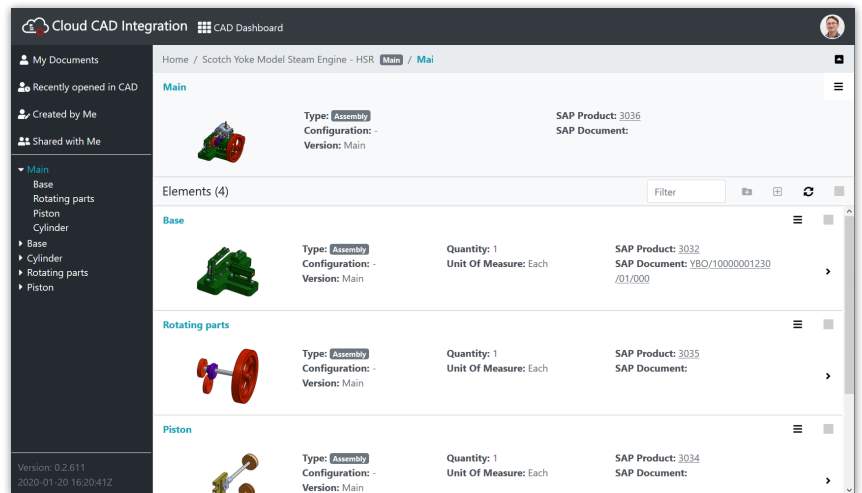
CIDEON SAP Integration to Onshape Overview User Interface



Onshape assembly model

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 access the SAP objects with a single 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

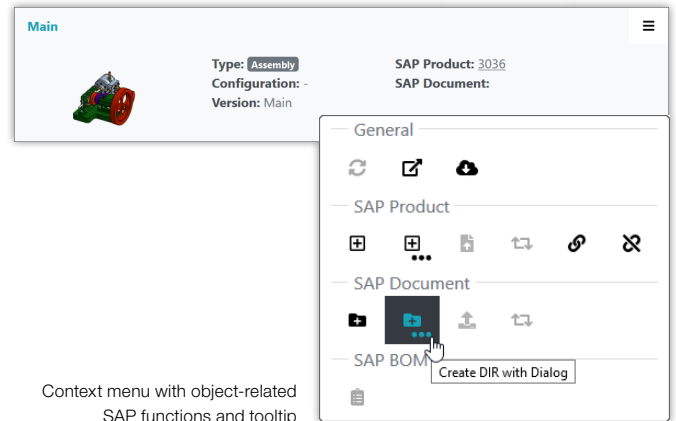
Even in a world where CAD documents are completely managed, versioned and collaborated by a cloud CAD system, there is still a need to provide neutral files or previews to downstream users.

The CIDEON integration automatically generates and sends neutral formats to the SAP system, triggered by defined cloud CAD processes. All SAP functions that can be executed on the Cloud CAD components are available via a context-sensitive menu, which only offers the appropriate commands for the 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



Context menu with object-related SAP functions and tooltip

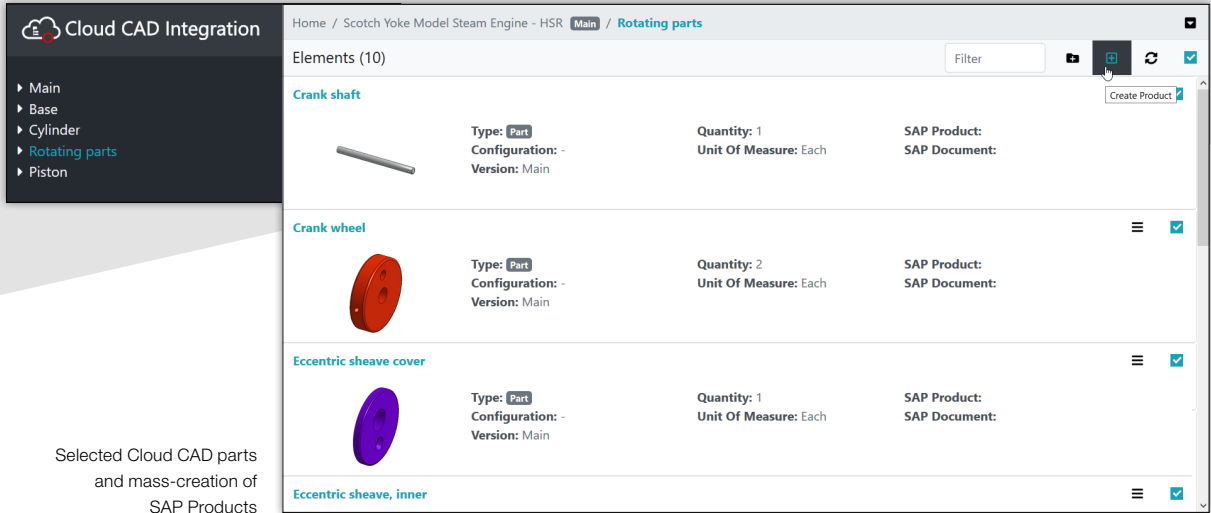
SAP Engineering Change Number (ECN)

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

Dialog for selecting the SAP change number



Overview of Functions



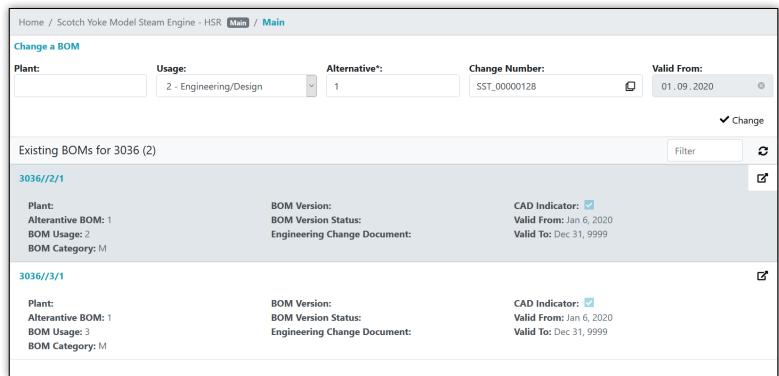
CIDEON SAP Integration to Onshape also supports the symbiosis between other important logistical SAP objects and Cloud CAD components by simply connecting them via direct or context menu functions.

SAP Product (Material Master)

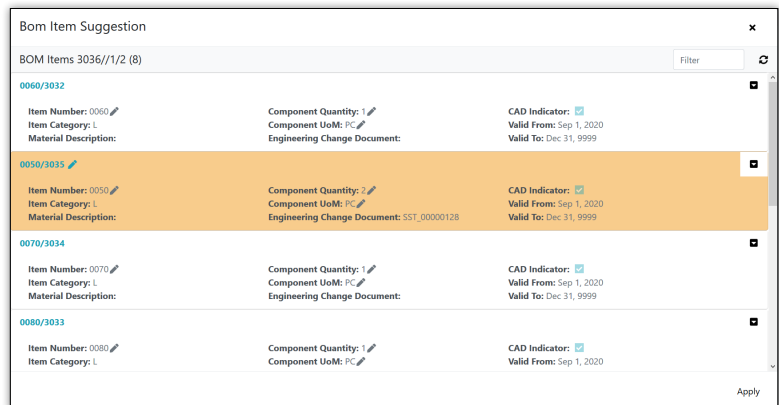
- Create, search, assign and unassign
- Mark and update SAP Products for single or multi-selected Cloud CAD parts and assemblies

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



List of existing SAP BOMs



Suggestion of BOM items, when updated with changed item

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