

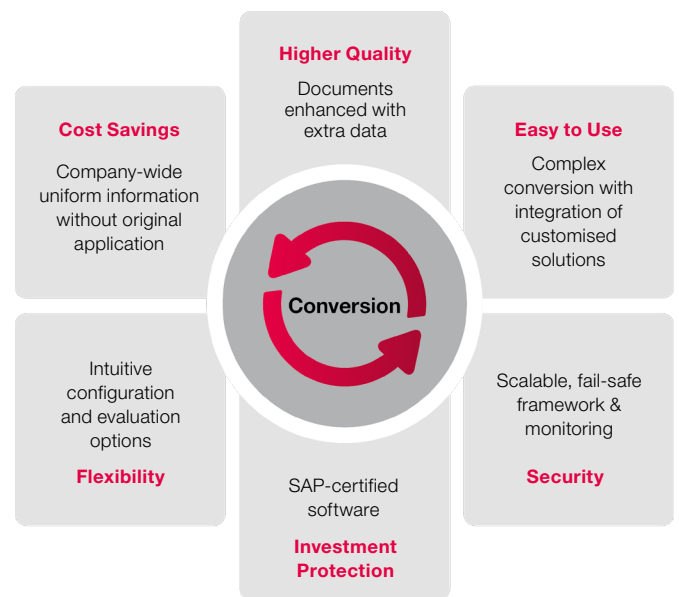
CIDEON – engineering digitized.

CIDEON Conversion Engine

Why do you Actually Need Neutral and Exchange Formats?

Neutral and exchange formats are data formats that simplify technical communication in product development – throughout the entire lifecycle. Neutral formats, such as a jpg of a 3D CAD model or a PDF of a CAD drawing, are created from existing CAD formats. They enable fast access and easy distribution. Exchange formats also reduce data complexity, but retain the ability to edit – albeit on a reduced scale. Common formats here are VDS, DWF, DXF, JT, IGES, STEP, (3D)-PDF and STL.

The CIDEON Conversion Engine for SAP enables the complete automation of the generation of neutral and exchange formats and, in addition to the above-mentioned advantages, also offers significant time and license cost savings through company-wide access to important information – without the use of the original application.



Regardless of the data source or the original format, the product information is event-driven and rule-based when processed by the CIDEON Conversion Engine. The data can be compiled as required and converted into formats such as PDF, JT or DXF.



PROCESS CONSULTING

ENGINEERING SOFTWARE

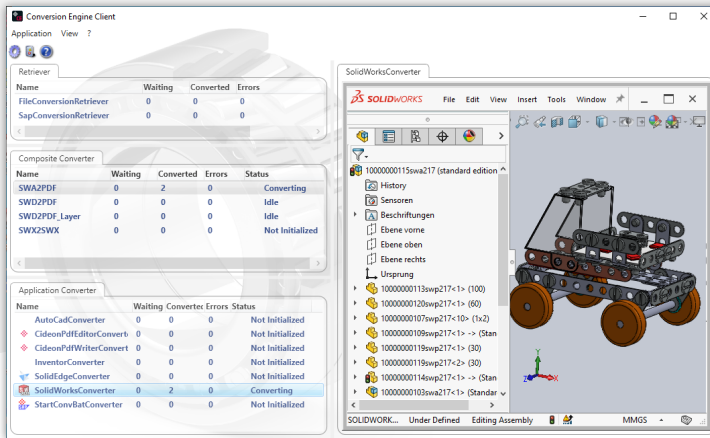
IMPLEMENTATION

GLOBAL SUPPORT

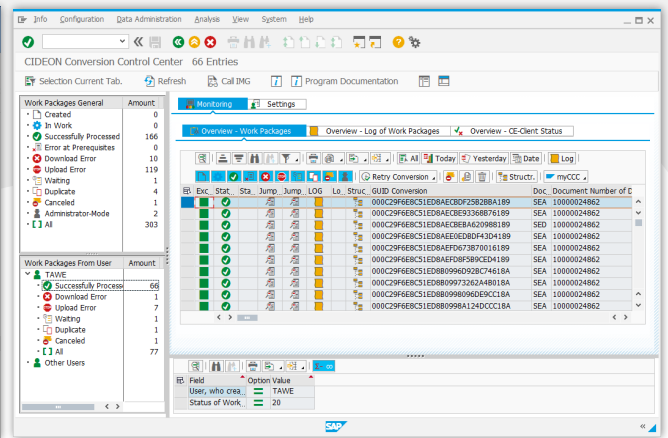
FRIEDHELM LOH GROUP



Up-to-Date Product Information at any Time



The CIDEON CE client user interface (example SOLIDWORKS)



The CIDEON Conversion Control Center in SAP

Complete Integration Into the SAP Document Management System (DMS)

CIDEON Conversion Engine provides full integration into the SAP document management system (DMS). For example, in the event of a SAP DMS status change or any other request, a conversion task is created as an automatic SAP background process without burdening SAP job queues.

Automated Conversion to Neutral and Exchange Formats

CIDEON Conversion Engine organizes downloading of application or CAD files as well as storing of conversion results either in the SAP Document Info Record (DIR) of the converted original or in a separate DIR for the neutral format.

The CIDEON Conversion Engine client performs conversion to a neutral or exchange format based on the original application, including the option to match title blocks with data from the SAP system as well as adding stamps and logos to the documents.

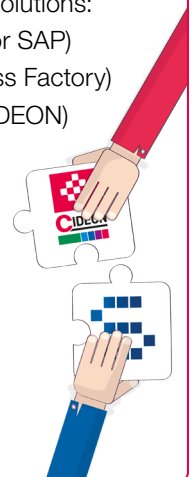
Detailed logging and evaluation mechanisms, as well as configurable notification functions support monitoring and administration of the conversion process.

Simple and flexible configuration of the conversion template allows complex and specific customer requirements to be processed.

The CIDEON Conversion Engine's underlying client/server architecture provides optimal scalability and reliability while also ensuring the fastest possible processing of conversion tasks using time- and resource-based strategies.

Conversion Engine Framework (CE-F)

- The combination of state-of-the-art solutions:
 - CIDEON (CE: Conversion Engine for SAP)
 - SEAL Systems (DPF: Digital Process Factory)
- A framework for CAD conversion (CIDEON) and application/format conversion (SEAL Systems)
- Easy integration of existing conversion landscapes into the new CE-F



Functional Overview

Technical Features

- Full SAP integration without SAP modification
- Supplied as an SAP software component
- Customizable using API's, BAPI's and BAdI's
- Automatic SAP background process without burdening SAP job queues
- Fast, reliable and flexibly scalable
- Optimal processing time by combining steps in downloading and opening of original data
- Multilingual conversions using CAD layer technology
- Universal converter (connection of any external converter)

Functions

- Creation of conversion tasks – event-controlled and rules-based
- Intuitive and detailed options for configuring and evaluating conversions
- Independent check-in and check-out in the content server
- Extensive archiving mechanisms
- Configurable notification mechanisms
- Sophisticated fail-safe mechanisms and flexible scaling options
- Original application utilized to create high-quality end documents
- Option to enhance data with SAP information, stamps and logos
- Automatic title block matching for CAD drawings
- Easy creation of conversion procedures
- Flexible integration of customer systems via scripts



Consultancy you can Trust

In addition to our software expertise in the CAD and engineering sectors, we offer a comprehensive portfolio of consultancy services and best practices to ensure your SAP PLM project succeeds.

- Implementing the CIDEON Conversion Engine and other SAP PLM products and Add-Ons
- SAP Engineering Control Center CAD Interfaces and implementation
- Support during SAP EHP release or when switching to S/4HANA

Format and Application Converter

- AutoCAD/Mechanical, Inventor, SOLIDWORKS, Solid Edge
- Universal converter, e.g. for Pro/Engineer, NX, CATIA V5, SAP Visual Enterprise Generator, EPLAN
- A multitude of conversion formats are available. Please contact us for details.

CIDEON Conversion Engine is:

SAP® Certified
Integration with Cloud Solutions

SAP® Certified
Integration with RISE with SAP S/4HANA Cloud

CIDEON Software & Services GmbH & Co. KG

Lochhamer Schlag 11 · D-82166 Gräfelfing
Tel. +49 (0) 89 909003-0 · Fax +49 (0) 89 909003-250
info@cideon.com · www.cideon.com

