



**SAP ECTR interface to MicroStation Connect is available as part of a project-specific extension (PSE)**

CIDEON – engineering digitized.

## SAP® Engineering Control Center interface to MicroStation Connect

### Cross-Departmental Communications Made Easy

This is where SAP SE makes life easier for customers. It enables data from mechanical engineering, electronics, software development and simulation to be consistently managed within each discipline's own PLM system and within an efficient working environment – the SAP Engineering Control Center (SAP ECTR).

With SAP ECTR, all possibilities for digital transformation, the Digital Twin and IoT are open. This is because the crucial design and product data is available in real time – in every phase of the product development process.

**Your advantage: Accelerated and closed process workflows enable you to develop competitive standardized products, shorten innovation cycles and achieve higher product quality.**



### Highlights

- Centrally operable integration platform
- Ideal interface for MicroStation users, with a familiar look and feel
- No relevant knowledge or extensive training necessary
- Easy handling of SAP even for new users
- Quick and easy access to centralized information, data and objects
- One user interface even when simultaneously using multiple CAD systems



PROCESS CONSULTING

ENGINEERING SOFTWARE

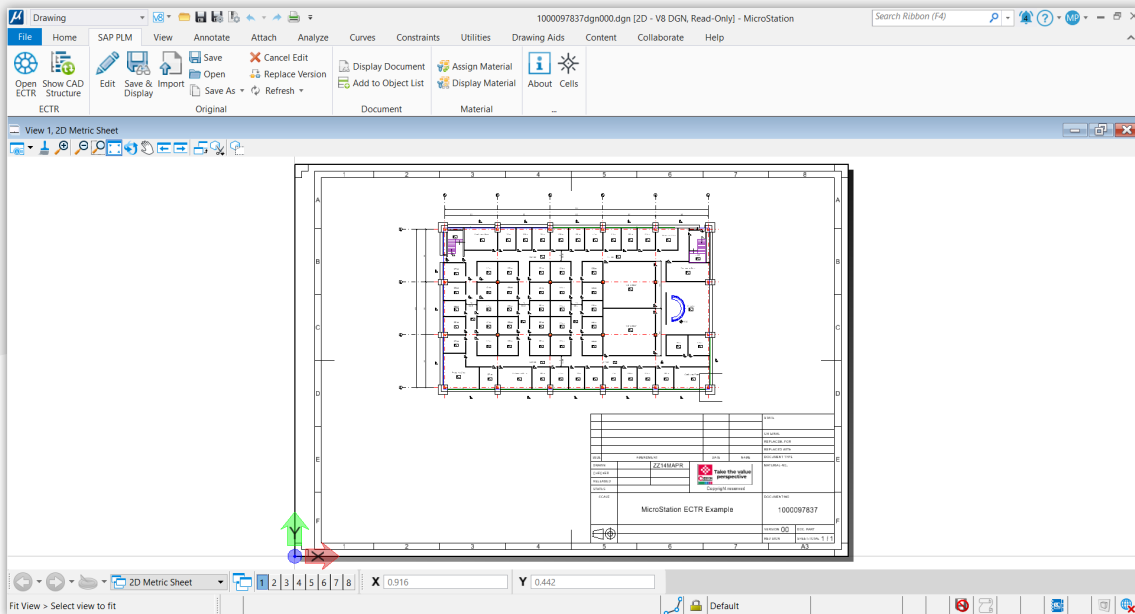
IMPLEMENTATION

GLOBAL SUPPORT

FRIEDHELM LOH GROUP

# MicroStation Product Data – Perfectly Integrated

Project-specific extension (PSE)



The integrated SAP ECTR ribbon menu in MicroStation

## Compatible With SAP PLM and SAP Applications

The SAP ECTR interface to MicroStation provides architects/planners with an optimal working environment, because SAP ECTR was developed by engineers for engineers. MicroStation users can perform their tasks in familiar work environments and load related original files for editing or viewing directly from SAP via the integrated SAP ECTR ribbon menu.

Integration between MicroStation and SAP ECTR enables you to seamlessly manage drawings and file references, including their dependent documents, as structures in SAP PLM.

The automatic derivation of multi-level SAP document structures and the simple SAP material assignment always-guarantee uniform data structures for all personnel involved in development. All authorized users have access to the original files which are stored in a central, secure repository ("single source of truth"). This enables them to monitor ongoing progress in development and make changes themselves using the SAP change service.

Automated sharing of bidirectional meta data avoids unnecessary manual multiple data entries to give designers more time for value-creation tasks.



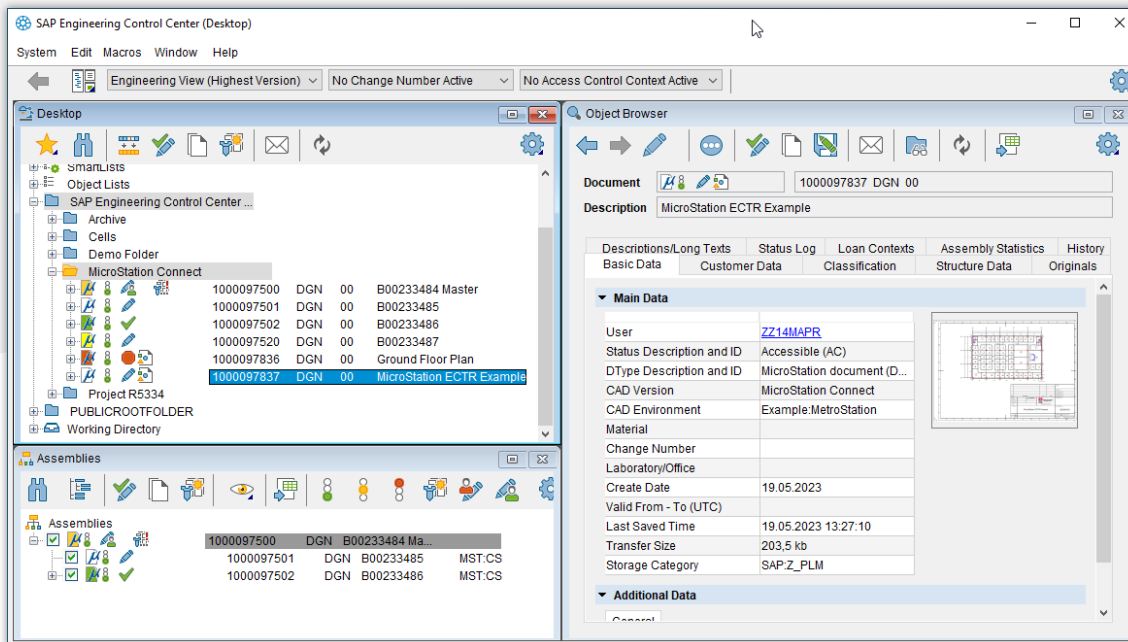
## Consultancy you can Trust

In addition to the comprehensive software expertise in CAD and engineering environments, CIDEON offers an extensive portfolio of consultancy and best-practice services to achieve best success in your SAP PLM projects:

- Implementing SAP ECTR interfaces
- Support in switching from SAP CAD Desktop to SAP ECTR
- Support with SAP EHP release upgrades or when switching to SAP S/4HANA
- Other SAP PLM products and Add-Ons

# SAP Engineering Control Center

Project-specific extension (PSE)



The SAP ECTR user interface

## Promoting a Collaborative Product Network

SAP ECTR is the ideal enabler for both concurrent and system engineering as well as for mechatronics by offering a holistic view of all product information. Smooth transition between processes is always ensured by up-to-date and consistent product data being available throughout the company.

Changes in design and production processes are traceable via the integrated SAP Engineering Change Management, thereby increasing transparency. Product-related processes can be easily linked and optimized throughout.

By converting native CAD data into neutral visualization data, all users, including those without CAD software, can access the information by using the integrated SAP 3D Visual Enterprise Viewer.

This high-performance solution enables visual communications across all company areas, from engineering and production through to sales and service.

## Simplify Engineering Work

The SAP ECTR interface looks like the Windows® Explorer for easy processing of any CAD and Office sources. Simple, intuitive data navigation provides a detailed overview of all required information such as documents, materials, BOMs and other SAP objects.

Users can set and position the windows as they wish and view data in personal folders. Context-sensitive, customizable selection menus and meaningful color icons (e.g. on release status) provide an overview of the tasks to be completed. Copy & paste and drag & drop functions simplify the structured processing of product details.

Users also have access to an integrated help system.



# Overview of Features

Project-specific extension (PSE)

## SAP Document Management System (DMS)

CIDEON supports you in using the SAP DMS by:

- Creating and updating SAP documents
- Importing complete MicroStation drawings und drawing references
- Automatic derivation and updating SAP document structures from MicroStation reference structures
- Comprehensive version control including digital signature and integrated SAP change management
- Cloning entire MicroStation drawing/reference structures
- Check-in/check-out of all original and additional files with edit-locking for checked-out documents
- Automatic creation of preview images
- SAP Content Server for all MicroStation files and other design formats

## Search Functions

- Google®-type searching using QuickSearch
- Visual search support
- Search by match codes, object links, where-used lists, classification, queries and in folder structures, assemblies, BOMs
- Search result with preview or as list using Excel®-type filtering in all columns

## SAP Material and SAP BOM Management

- Automatic creation, linking, updating of SAP material masters with information from MicroStation, such as file properties
- Linking parts to SAP documents
- Deriving SAP BOMs from MicroStation reference structures



### CIDEON Add-Ons:

#### Automation, Optimization, Integration

In addition to engineering standard solutions, CIDEON develops numerous enhancements for implementing special customer requirements in SAP ERP/PLM.

CIDEON Add-Ons are easy-to-use tools with extensive functions that enable optimized processes for common work steps in SAP Document, Material, BOM- and Change Management, and they can be easily integrated into SAP ECTR.

## Prerequisite for the Introduction

In the context of the project-specific extension, an initial workshop is a prerequisite.

With a careful determination of your individual requirements and your existing system landscape as well as an implementation proposal based on best practices, we create the prerequisite for a fast and successful implementation of the SAP ECTR interface to MicroStation Connect.



**MicroStation**  
CONNECT Edition

### 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

PROCESS CONSULTING

ENGINEERING SOFTWARE

IMPLEMENTATION

GLOBAL SUPPORT

FRIEDHELM LOH GROUP

