

CIDEON AutoCAD Integration for SAP - EAM / Real Estate

Graphical management of buildings and space on the basis of AutoCAD

Maintenance and Building Management with SAP

Management of Facilities on the basis of AutoCAD or ADT data with SAP CAD Desktop

Matching the attributes between SAP and AutoCAD drawings

Fig.: Building drawing on the basis of AutoCAD with building scheme administrated in the SAP CAD-Desktop.

Graphical process support through the CIDEON Publisher

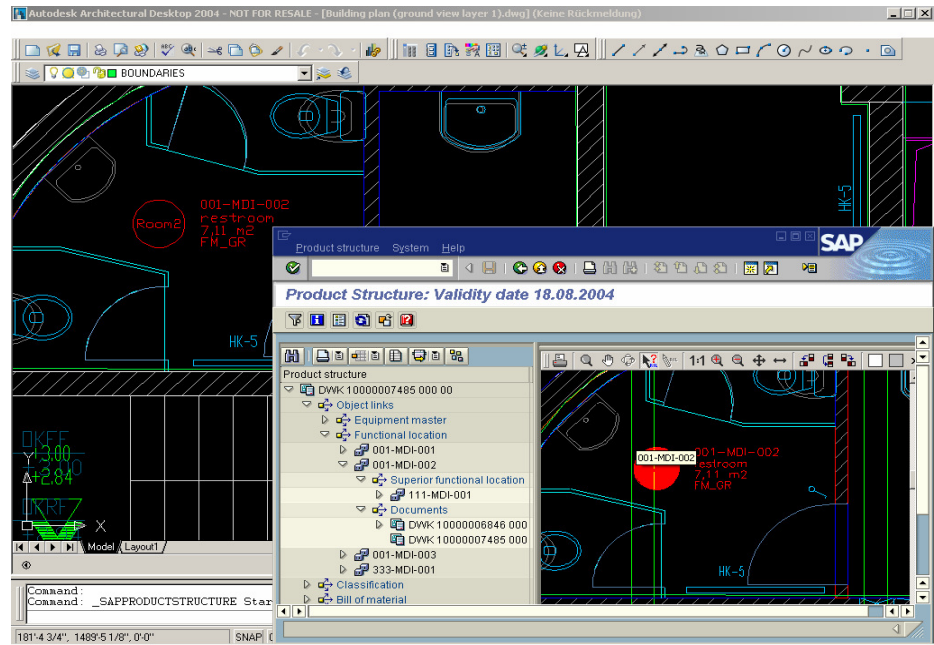
Graphical reports with CIDEON Visual Reports

The connection of the document management of SAP with the integration of AutoCAD via CAD Desktop permits an optimal administration of the drawings of buildings. This makes all graphic information as well as the building data from SAP EAM and the SAP real-estate administration accessible in one homogenous system.

Staff responsible for managing the buildings and grounds can access all required information from one single system. An AutoCAD-AddOn synchronizes the functional locations as well as the architectural properties from SAP together with the building drawings. The Publisher integrated

in SAPGUI displays the graphically prepared data of the floor space in the company on a wide basis and independent of AutoCAD. Facility Management processes are thus optimally supported by graphics.

The AutoCAD-AddOn can be used to produce SAP documents of the drawings at the push of a button while descriptive data of the drawings can be accepted into the SAP system. In addition, all external references of a drawing are also administrated. This of course occurs with the full support of the version control and the document status administration.

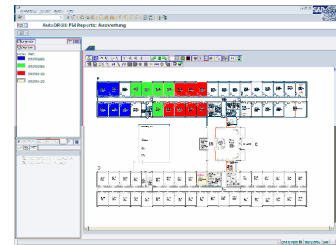


Real estate and furnishings are administrated with the integrated functions (equipments) out of AutoCAD and linked with block references in the drawings. Equipments can be installed in rooms and removed again. The structuring of functional locations and architectural objects in a hierarchical manner allows a complete depiction of the real estate of a company.

All attributes and classification data of SAP and the drawings can be matched. Should any data of the properties in the SAP system change, then they can be easily matched with the drawings. Data relating to specific areas are automatically calculated and transferred to the SAP system. A history of the past changes to the documents and the property areas is always available.

While CAD staff are working on the drawings, it is important for people from other areas, such as for example maintenance, to be able to display the drawings.

Here the CIDEON Publisher is the ideal tool. It provides a graphic support in the standard SAP building management processes for identifying properties in the drawing and for interactive work from out of the drawing. Sketches of reconstruction measures can be made by Redlining in Publisher with the corresponding service reports being prepared afterwards from out of the drawing.



In addition, flexible graphic reports, for example of the location of departments or the utilization of rooms, can also be created.

Function overview of the CIDEON AutoCAD Integration for SAP - EAM / RE

Facility Management

- Connecting AutoCAD elements with architectural objects in SAP
- Creating, changing and searching per matchcode or classification data within AutoCAD via SAP
- Allocation of block references and architectural objects
- Search options in the current building drawing
- Management of moves
- Automatic space calculation of rooms and buildings and transfer from AutoCAD to SAP
- Synchronization and editing of measurements for architectural objects

Document Management

- Creating and changing AutoCAD drawings
- Document search for opening and inserting
 - From the CAD-Desktop view „Document search“ (CV04N)
 - Use of the CAD-Desktop options „Display original“, „Change original“ or „Insert original“
- Administration of external references
- Matching title blocks
 - Matching the title block attributes with SAP files
 - Optional when opening and saving an AutoCAD file and when changing the document administration record
- Extensive version and status administration
 - Use of change numbers for protocol purposes
 - Configurable data import
 - Creating a unique file name

CIDEON Publisher

Function overview

- Display of documents including those from non-AutoCAD formats integrated in the SAP GUI - a AutoCAD license is not required
- Graphical support of facility management processes
- Highlighting of rooms and equipments as well as functional locations in the drawing
- Context-sensitive switch to any SAP transaction with object-related data, e.g. display of functional location or equipment out of the CIDEON Publisher
- Facility reports, e.g. room location of departments, utilization of floor space, profitability, tenants, cost centers, classification...

Are you interested in other solutions?

CIDEON Key Manager

Administration of locking systems in SAP

CIDEON Output Management

Company-wide Output Management for SAP PLM and SAP DMS

CIDEON Import PDM

Import of PDM data into SAP DMS or PDM systems

CIDEON Export from SAP CAD Desktop

CAD Collaboration for SAP PLM

CIDEON Visual Reports

Graphical reporting system for Facility Management

SAP PLM integration for AutoCAD, Inventor, MDT, Solid Edge and SolidWorks

Administration of CAD data into SAP PLM

CIDEON Conversion Engine for SAP PLM

Automatic neutral and exchange format creation from SAP DMS



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