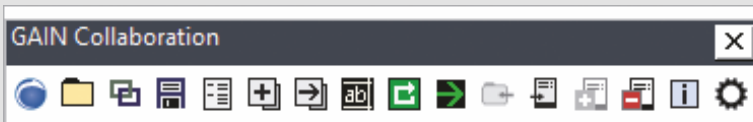# ZWCAD Interface

Team Players: GAIN Collaboration and ZWCAD

The GAIN Collaboration functions integrated into ZWCAD offer you - as a designer - lots of support in your daily work. This is because the GAIN Collaboration interface is really deeply integrated into ZWCAD. GAIN Collaboration supports all of the formats and document types that arise and are used in ZWCAD.
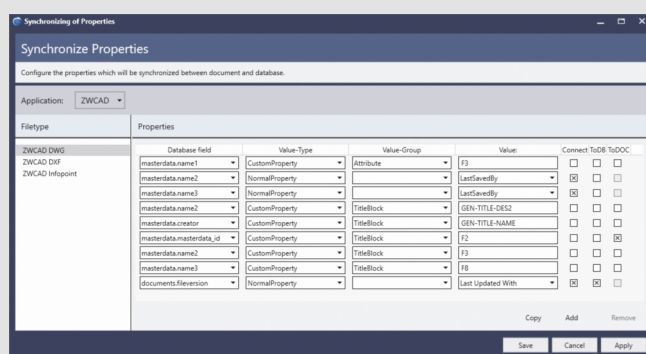
The bidirectional synchronization of file properties and attributes and the copying of complex structures (drawings with external references) are standard functions.

Easy insertion of title blocks and drawing frames

The ZWCAD interface allows you to insert title blocks and drawing frames into your document. In a user-friendly dialogue, you can easily select the drawing frame, title block, scale, and further options. With the insertion of a drawing frame and title block,

GAIN Collaboration also allows you to adjust the layout in the model and paper space. At the same time, the creation of a PDF neutral format is optimized. The filling and pdating of attributes in title blocks takes place automatically.

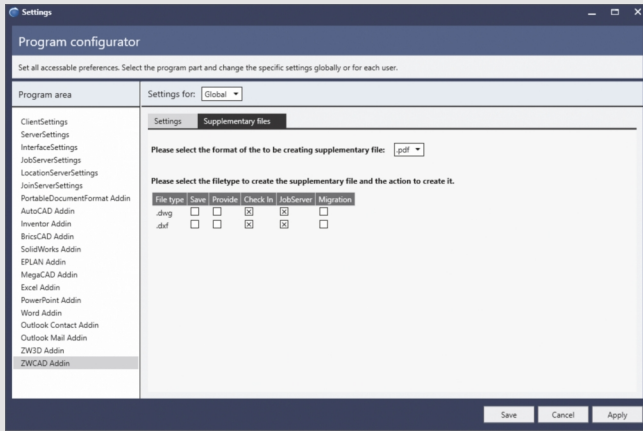## Automatic synchronization of information

GAIN Collaboration automatically synchronizes information with ZWCAD in both directions. This means that specific field content from the GAIN Collaboration database can be automatically transferred to the file properties or attributes of a ZWCAD document. It is then available in the title block of a drawing.

Conversely, you can transfer properties from ZWCAD documents to GAIN Collaboration. This includes the scale or sheet format. The values are automatically determined by the interface and saved in the database.

Continuous - all the way to ERP

GAIN Collaboration automatically captures the bill of material information from a ZWCAD document, transmits this to GAIN Collaboration, and assigns it to the dataset.

If necessary, you can add articles to the bill of material in GAIN Collaboration. You can use the coupling module in GAIN Collaboration to transfer bills of material and article master data to an ERP system.
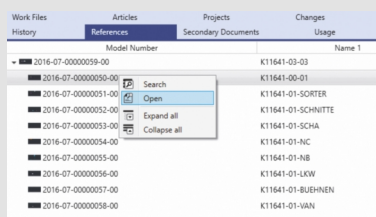
Automatic: The generation of neutral formats for different processes

Depending on the configuration, GAIN Collaboration can automatically generate neutral formats such as PDF or XPS.

This can be done during the work process upon check-in, when the status changes, or via the integrated job server. GAIN Collaboration stores the generated neutral format with your document. From here, you can view it or have it sent by GAIN Collaboration by e-mail.
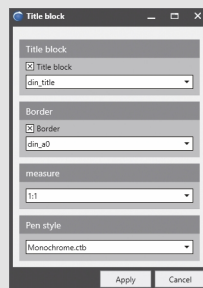

Easy copying and revising

The GAIN Collaboration system helps you to copy and revise drawings. Drawings with external references are supported, too.

During the copy process, GAIN Collaboration shows you all of the referenced documents that can also be copied.

Depending on the process at hand, GAIN Collaboration can automatically give the files new numbers and replace them in the drawings, too.

Depending on the configuration, revisions are labelled numerically or alphabetically. When a revision is made, GAIN Collaboration always keeps the previous version for subsequent viewing.

References and their usage

GAIN Collaboration records existing references from ZWCAD documents. You can quickly view these and their usages at any time via additional tabs. Other practical functions offer extra support in this area for your work with ZWCAD documents.

Functions for intelligent interaction

GAIN Collaboration provides you with helpful functions via the ZWCAD interface.

For example: The writing out of blocks, the insertion of blocks or external references, and also the insertion of info points for the use of bills of material. In addition, you can insert title blocks with drawing frames.