

Optimize Product Development.
Simple. Flexible. Secure.



The Flexible PDM System
for Productive Teams.





GAIN Collaboration

Freedom in product data management. And a good bit of PLM.

GAIN Collaboration is your cross-departmental platform for managing every piece of information about your products and their development processes. Product data management with GAIN Collaboration shortens your design times and intelligently networked company data creates order and security..

You gain productivity every day, ensure high quality across the entire organizational process, and save valuable time and resources. GAIN Collaboration makes your work more enjoyable and paves the way to all-inclusive product lifecycle management (PLM).



Simple

Quite simply more productive

GAIN Collaboration makes PDM easy. Even as we were developing it, we decided to orient GAIN Collaboration to how users actually behave. Delivering what it would take for you to enjoy your work more was very important to us.

Simply PDM:

- Easy installation and implementation
- Secure, rapid data transfer and migration
- Tidy, clear user interface
- Import via drag & drop
- Individual folder and project structure
- System configuration via a graphical user interface
- Deep CAD, CAM and MS Office integration
- Free classification systems
- Short mouse paths
- Pleasant, intuitive operation
- Graphically supported database customization
- Graphic configuration menus



Flexible

Custom-tailored

Bespoke instead of ready-made? You bet! GAIN Collaboration adapts to your personal preferences. And your company's standards. Fast and simple. Graphical and intuitive.

Simply flexible:

- Editor for individual workflow specifications
- Customizable user interface
- Configurable number generator
- Adjustable status, rules, etc.
- Individual API connections to other systems such as ERP
- Multilingual thanks to Unicode and dictionary
- API integration of individual functions



Secure

Good to know ...

PDM means collaboration, data access and transfer. From and among employees. Across departments and locations. And in compliance with your company's standards. Simply secure with GAIN Collaboration.

Simply secure:

- Modern, future-orientated, proven technology basis for secure investments
- Open, Windows-compliant and yet untraceable archive
- Archive also accessible for administrators without GAIN Collaboration in the event of a system or network failure)
- Adaptable access and approval systems
- Encrypted data transfers
- Revision management according to DIN EN 9001

PLM bright spots with GAIN Collaboration

How GAIN Collaboration can shed light on your product lifecycle

An all-inclusive PLM concept lets you analyse and then influence the development of your products on the market. PLM can answer many questions about the "life" of a product:

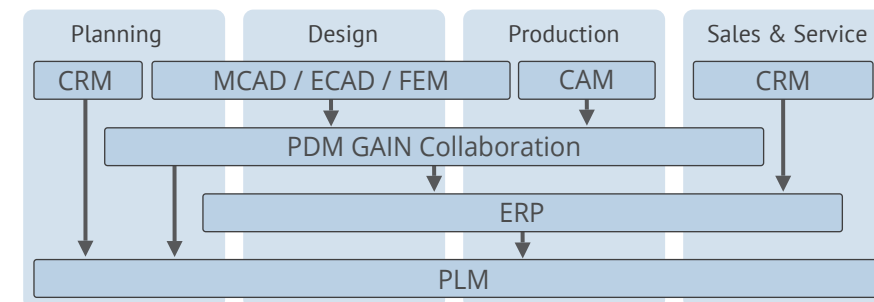
- How high will the development costs be?
- How long will it take to produce?
- How much revenue has been realized to date?
- When did distribution costs increase?
- What material is the new spare part made of?
- Which material variants exist?

Most of these questions are answered in the design, development, production, or electrical departments. But all of this product data can be combined in one place in GAIN Collaboration.

Shed more light on your product lifecycle

With the introduction of GAIN Collaboration as a product data management system (PDM), you will be taking the first important step towards PLM: bundle product data from MCAD, ECAD, FEM and CAM in one place to make it efficient to manage and analyse.

Since PDM provides support each step of the path from product creation to sales, this is where the greatest added value lies in the life cycle of a product, especially for SMEs.



PDM value creation with GAIN Collaboration

Well prepared for the PLM future

GAIN Collaboration will have you well prepared for the future: the PDM system offers all of the interfaces necessary for connecting other PLM-relevant system areas such as inventory management.

PLM and its benefits

Every product has its lifecycle: from its creation to its growth, maturity, decline and the end of production. A life cycle can be influenced by many factors, for example development costs, manufacturing or assembly costs, customer satisfaction, and sales figures.

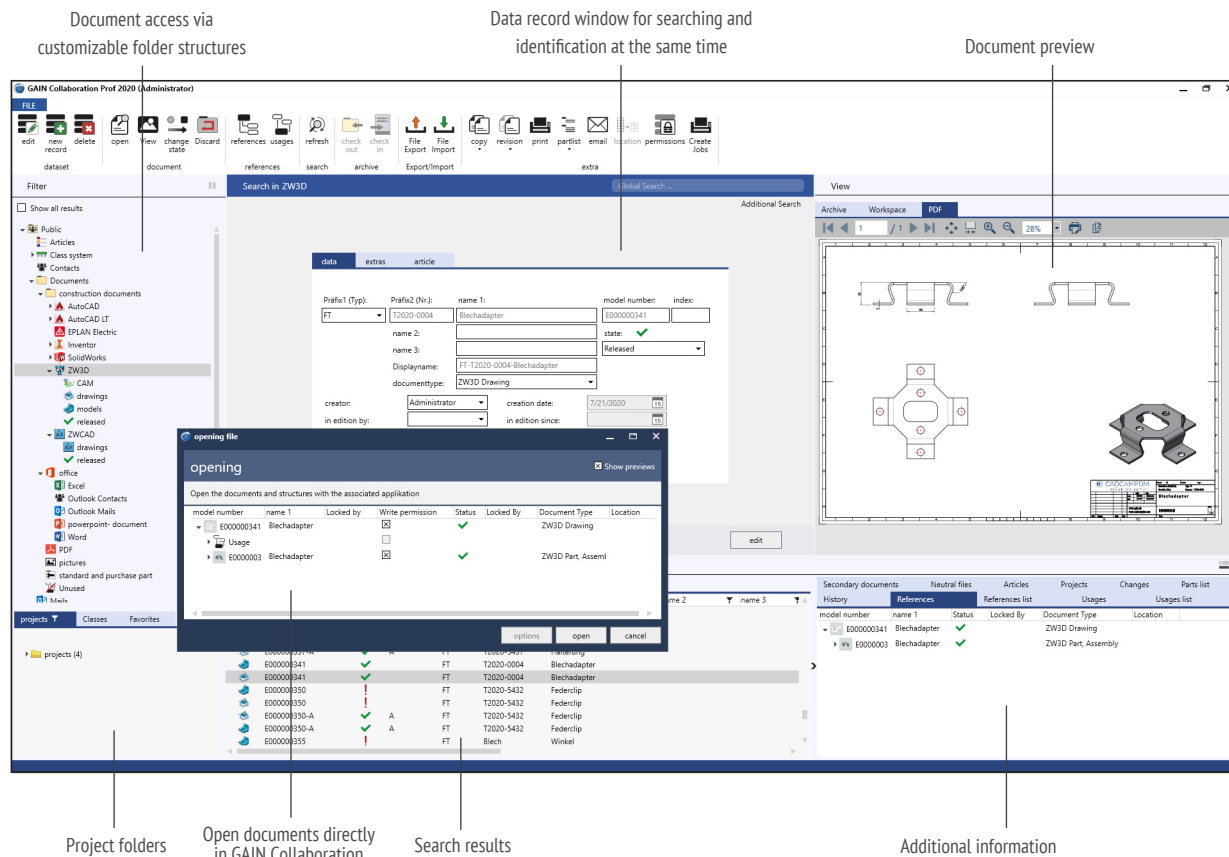
The aim of all good product policy is to enable products to have a long, successful "life". For PLM concepts to work, they need to be appreciated at management level and allowed to permeate the consciousness of everyone at the company.

PDM and its benefits

A product data management (PDM) system provides company-wide management and information about all data that arises in the product life cycle and its creation process. PDM, correctly set up and implemented, can increase productivity during the creation, manufacture, and design of products. The aim of PDM is to minimize the time and cost of product development while increasing its quality.

Product data management, also known as engineering data management (EDM), is the foundation of the product lifecycle.

Interface: clear, intuitive, short paths



The GAIN Collaboration technology:
Performance that thinks about tomorrow.

GAIN Collaboration is one of the most modern and fastest PDM systems: technology that delivers performance, transparency, data security and flexibility.

The innovative GAIN Collaboration technology has been specially developed and designed for future generations of Windows operating systems.

Client / Server architecture: for minimal load on your network

Microsoft .NET Framework: adapted to modern Microsoft technologies

C-Sharp(C#) programming: for flexibility and individual adjustments

WPF/WCF technology: innovative graphics framework for .NET applications

Microsoft SQL data base: for a variety of uses and coupling options

Multi-threading: for several, simultaneous processes

Update flexibility: automatic information at a time of your choosing

Releases without configuration changes: adjustments in separate database



The GAIN Collaboration archive:
Unencrypted. Inaccessible secure.

The GAIN Collaboration archive works without any encryption of file names or directories. GAIN Collaboration stores files on the server in a Windows-compliant manner under their file name and in directory structures. However, it can only be accessed directly by administrators at Explorer level. In this respect, there is also no share for users.

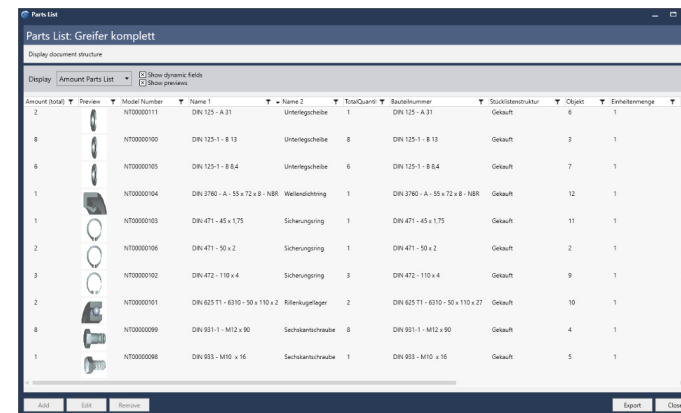
Data security: users can only access and preview documents via GAIN Collaboration.

Failsafe: in the event of a system or network failure, the archive remains accessible to administrators even without GAIN Collaboration.

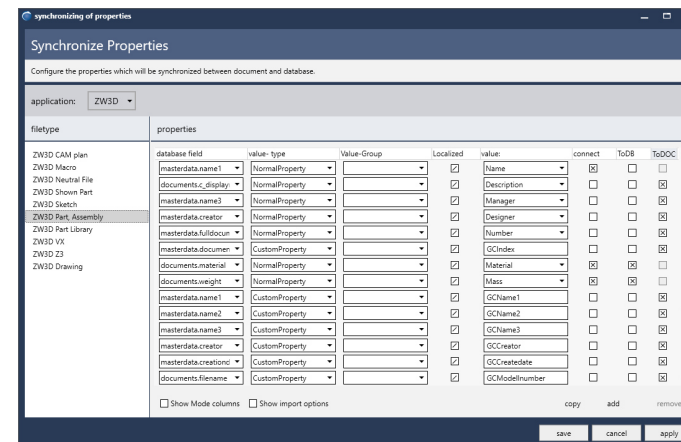
Data flexibility: move your archived data easily and at any time. Manage, backup and restore data as usual with GAIN Collaboration.

Migrating without detours: the open archive allows GAIN Collaboration to handle release migration of CAD data quickly and easily. You save time because all data is immediately available. Especially with complex 3D databases.

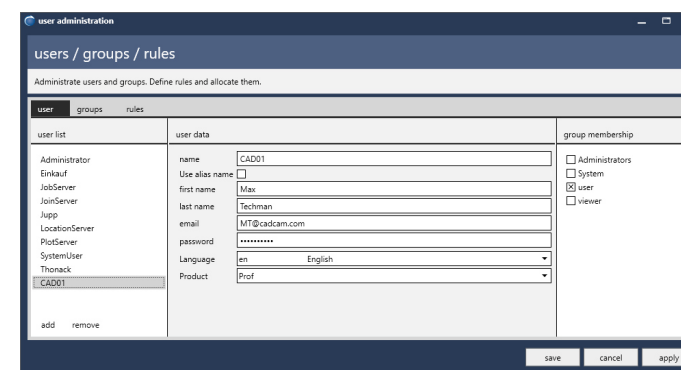
Features: develop products quickly and more securely



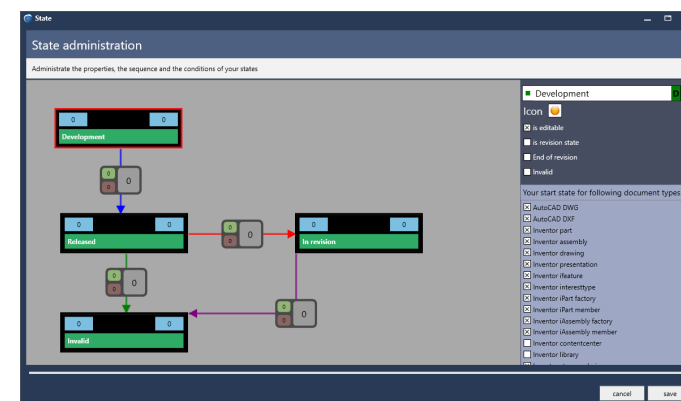
Parts lists



Flexible matching of properties



User rights settings



Graphical workflow editor



Convenient product data management
Record, manage and analyse

Manage product master data • Classification systems & property lists • Parts lists • Where-used lists • Change management • Revision management • Control of release processes • Name catalogue • Preview/visualization • Filing/archive • Neutral formats • History entry • Status management / approval system



Job server
Automatically more productive

Generation of neutral formats • Document update • Configurable printouts of documents



Customization
Everything that makes PDM easier and more pleasant

Individual user interface • Flexible number generator • Adaptable sets of rules • Adaptable interfaces • Definable system settings • Change management • Graphic database editor • Flexible comparison of properties • Adaptable process flows • Sets of rules for document creation • Status transitions can be defined



Search & find
For an overview and quick search results

Search mask also an input mask • Search for various parameters • Numerous special search options • Search specifications can be saved • Search folder, also transferable



Access management
Regulated access worldwide

Check-in / Check-out • User rights: groups and rules • Encrypted data transfer • Worldwide, secure access



Flexible workflow management
Always visible

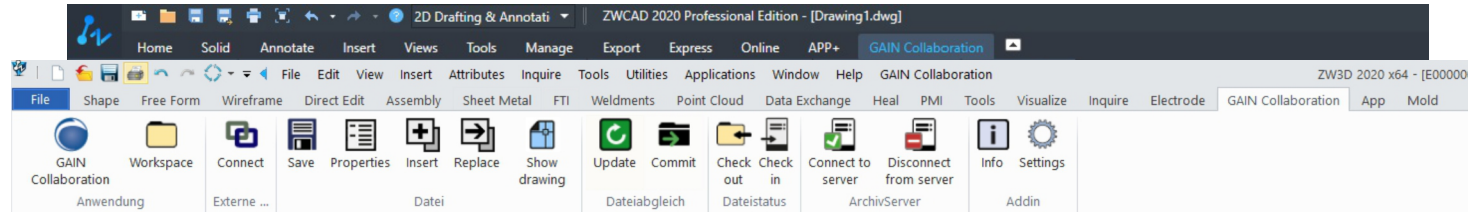
Status management • Configurable approval system • Workflow editor with the option of individual adaptation



Project-orientated collaboration
Managing Projects

Folder structure: private, public and/or by project • Cross-departmental collaboration • Quick messages • Quick provision of documents • Cross-location collaboration • Multilingual collaboration • Customizable project structure

Ready for connection: the GAIN Collaboration interfaces



GAIN Collaboration interface: access directly in ZW3D and ZWCAD

CAD interfaces

GAIN Collaboration lets you use different CAD systems in parallel. Many PDM functionalities are available directly in your CAD application via an integrated GAIN collaboration menu.

CAM interfaces

CAM users can also work in their environment as usual and enjoy all the advantages of the GAIN Collaboration system. Interfaces to InventorCAM and SolidCAM offer, among other things, the automatic acquisition of project information, references and NC data.

Office interfaces

With MS Office or WPS Office documents integrated in GAIN Collaboration, you can keep a handle on everything and be more productive. For example, by assigning Office documents to projects or your personal folder structure.



Microsoft Outlook interfaces

In addition to your own integrated quick messaging service, you can also manage emails, email attachments and contacts from MS Outlook directly in GAIN Collaboration.

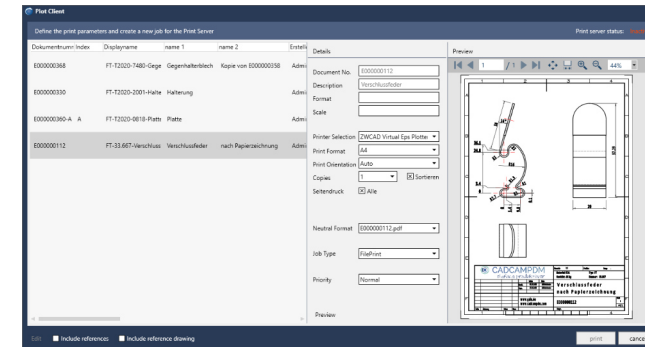
API programming interfaces

Using the GAIN Collaboration programming interface (API) based on C-Sharp (C#), you can access GAIN Collaboration from existing systems and trigger actions. Connect your document management (DMS) or ERP system, for example. You can integrate individual workflows via the API.

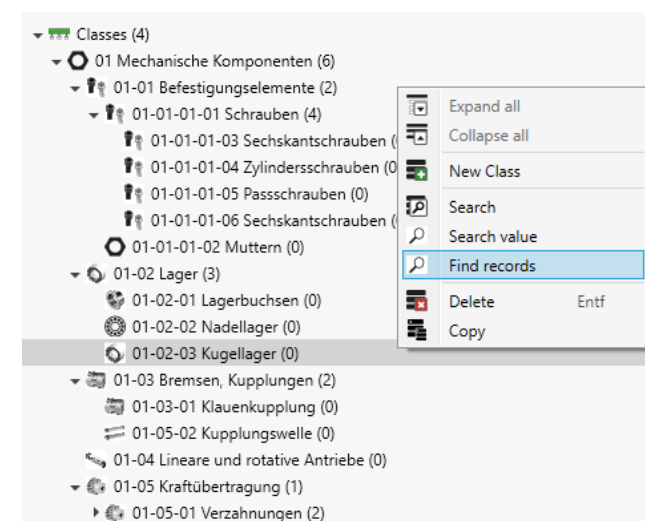
ERP programming interfaces

Use the many possibilities that come with coupling with an ERP system. From the transfer of products in Excel or XML format to the transfer of complex parts lists to the complex workflow-oriented transfer via exchange tables of data records with comparison of their properties

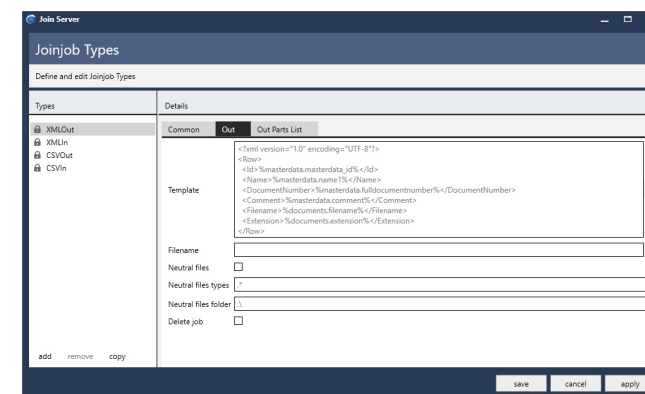
Open to your requirements



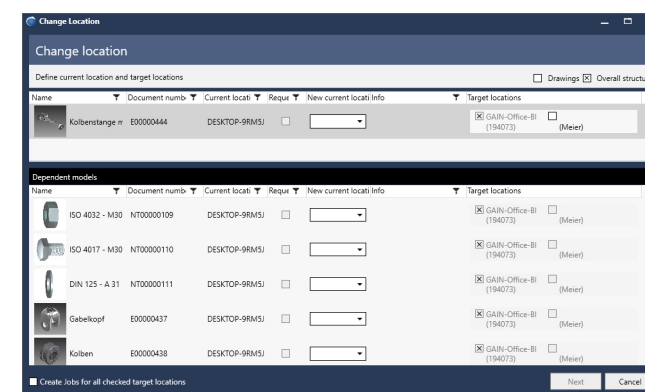
GAIN Collaboration PrintServer



GAIN Collaboration Classification



GAIN Collaboration JoinServer



GAIN Collaboration Location



GAIN Collaboration PrintServer Convenient printing for your documents

Printing all documents managed in GAIN Collaboration, such as CAD, PDF, image and Office documents.

- Print single or multiple unopened documents.
- Print structured documents. For example, all drawings of a machine
- Format control: e.g. A3 or scaled to the desired format.
- Address all printers used in the company.



GAIN Collaboration Classification Classification of product data

Structure or classify documents or products in classes.

- Item characteristics bar for classification
- Free selection of the characteristics key
- Take full advantage of classification
- Different classification options
- Numerous features to define a class



GAIN Collaboration IMPEX Easy import and export of data

Import and export of construction documents and entire databases.

- Easy import and export of data
- Import more than 500 documents in batch mode
- Intelligent data import of even complex structures
- Automatic transfer of file properties
- Revision status: automatic
- File export - optionally with automatic write protection after export



GAIN Collaboration JoinServer Simply link ERP, DMS and other systems

For the exchange of documents and metadata with third-party systems.

- Connect ERP and DMS systems simply and intelligently
- Fast coupling to existing systems
- Connections as desired
- Fast metadata exchange via SQL servers
- Save costs through optimized development processes
- Complete ERP parts lists directly from the PDM



GAIN Collaboration Location Cross-location product data management

Convenient product data management across any number of locations.

- Multiple ways to replicate data across sites
- Determine access and collaboration
- Same level of knowledge for everyone
- Partial or full replication, also combined
- Teamwork across locations
- Replication rights system
- Direct or timed transmission

A PDM system according to your ideas



1 system - 3 variants for all employees



GAIN Collaboration View

Search, view and print documents

The research station that works without an application interface.

Equipped with the same clear interface as that of GAIN Collaboration Professional, you can adapt GAIN Collaboration View individually to different user groups.

Plus: any additional functions programmed in GAIN Collaboration Professional can also be used with the View variant.



GAIN Collaboration Office

Management of non-CAD documents

With the Office version, you can effortlessly manage MS Office documents, emails, image documents, neutral formats, videos, print files and projects, for example

Deep integration with MS Office products

- Automatically complete documents
- Link Excel files across multiple files
- Automatically create neutral formats



GAIN Collaboration Professional

Manage CAD documents

GAIN Collaboration offers flexible interfaces for connecting other PLM-relevant system areas such as merchandise management, customer relationship management systems (CRM) and production control (CAM).

The PDM System GAIN Collaboration Professional is the basis for the coupling to CAD/ECAD and MCAD applications and has the interfaces to MS Office products and MS Outlook built in.

Comparison of the variants

Feature / Function	View	Office	Professional
View documents	•	•	•
Output reports	•	•	•
Export functions for data exchange	•	•	•
Create, edit and manage MS Office documents and emails		•	•
Manage non-CAD-documents		•	•
Manage statuses		•	•
Copy and revise MS Office documents		•	•
Job server	•	•	•
Create, edit and manage CAD documents			•
Copy and revise CAD documents			•
Import and export CAD documents			•
Location replication ¹		•	•
Integrate and use of own workflow functions	•	•	•
ERP coupling ²		•	•

1 Expansion module 2 Customizing required

GAIN Software services

Consulting

What are your PDM goals? We would be happy to present the GAIN Collaboration solution that best suits your company and will increase the productivity of your employees many times over.

Implementation / Installation

GAIN Collaboration can be implemented relatively quickly.

We first work with you to coordinate all the relevant key data. And even before GAIN Collaboration is installed on your computers, it will have already been put through its paces with key test sequences with your specific PDM specifications.

Data transfer

The many years of experience of our specialists, the flexibility of GAIN Collaboration and its non-encrypted data storage structure ensure that you transfer your existing data quickly and correctly.

Custom solutions

GAIN Collaboration is inherently very adaptable.

The experts from GAIN Software and its system partners will be happy to provide you with advice and assistance for all special solutions.

Training

GAIN Collaboration has always been strongly orientated towards the ways users actually act. Most functions are intuitive. User training takes only one day; administrator training two days.

Support

GAIN Software will be happy to support you with all questions about GAIN Collaboration, its additional modules or interfaces. We are available by phone, via remote maintenance, and on site.