

# Master the entire product lifecycle

CIM Database: The PLM system for better collaboration  
and faster processes in product development

*energizing great minds*



CIM Database supports the Product Lifecycle Management of your products from the first ideas up to the customer's application. We combine the data management of virtual products with the functions of collaboration and process and project management in product development. Thus you accelerate your processes and projects, reduce routine effort and errors, improve results and fulfill regulatory obligations. CIM Database is particularly cost-efficient because it is easier to adapt to future new requirements.

## Use virtual product models for digitization

The engine for consistent PLM is the comprehensive model of the virtual product. This allows data and procedures to be used digitally and thus more efficiently – from the first ideas to release into production. Because digital models simplify front loading to make decisions faster and easier and avoid late, costly changes.

### Get to grips with complex content in PLM thanks to visual navigation

Virtual product models bring together a great deal of information along the product development process. Users need navigation and visualization functions that create transparency. The CONTACT Elements User Experience Design System supports users in making optimum use of their expertise.



Single Source of Truth: CIM Database acts as the central database for product data and makes it available in the context of the project processes.

## Encourage collaboration by sharing documents and knowledge

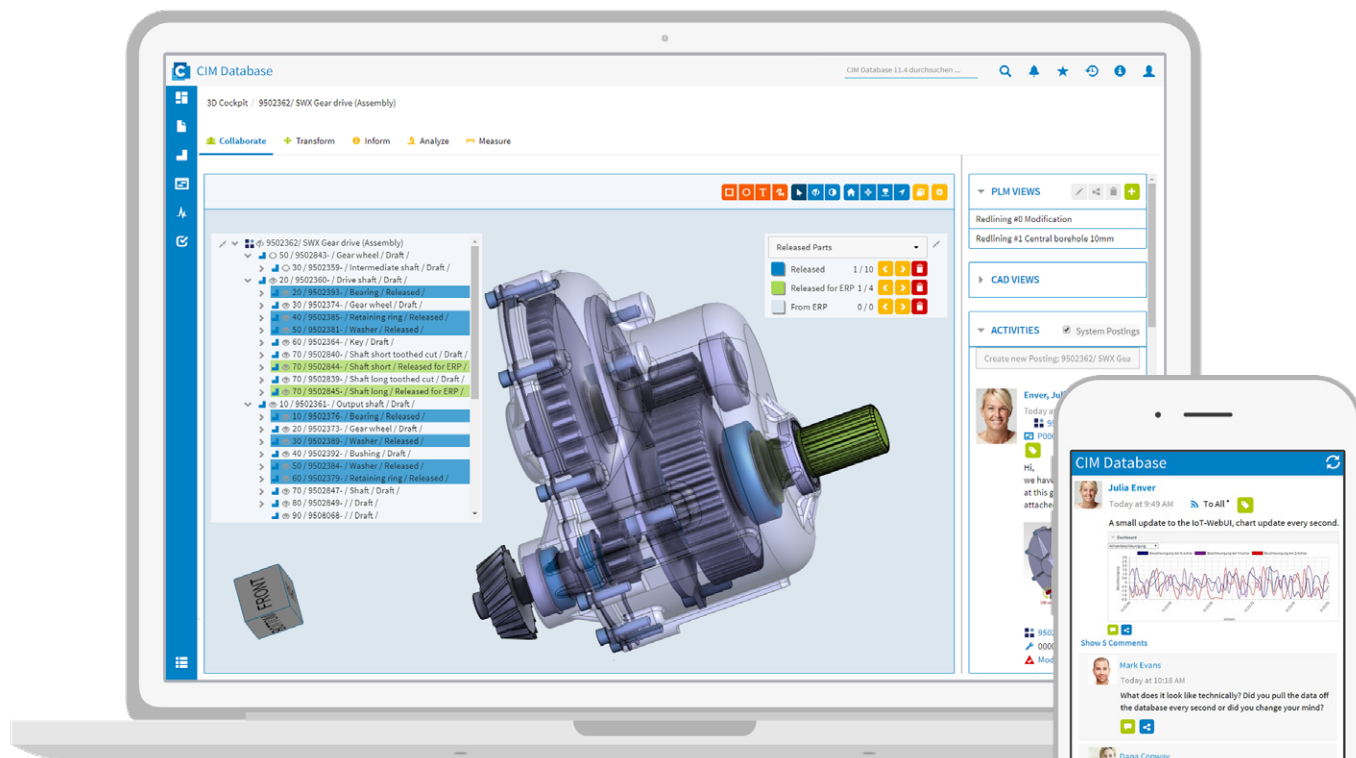
Efficient, smooth cooperation is the key to the development of sophisticated products and coordination in complex processes. With the principle of Single Source of Truth, your employees access the same information and share their knowledge throughout the company. For this purpose, they have powerful integrations for MS Office, e-mail and CAD, the viewing of all common office, CAD and multimedia formats, reliable modification and approval procedures and fast search functions in the entire data pool at their disposal. This enables you to speed up work processes, minimize search and archiving efforts and offer reliable know-how protection.

## Run PLM processes quickly reliably with best practices

The consistent definition and execution of best practices offers great potential for improvement. This makes processes more efficient and safer in terms of compliance management. CIM Database supports companies in displaying these on templates for process organization and projects. Executed directly in the platform, your employees can perform their routine tasks faster and with less effort.

### Consistent use of workflows, status networks and tasks

Product development is characterized by a high degree of division of labor and parallelism. The starting point for greater process efficiency is therefore the replacement of manual and friction-logged processes by digital processes. This includes synchronizing related tasks with workflows and qualifying the results using status networks. Your employees also benefit from integrated task management and direct access to all information for their tasks.



## Combine project management and processing methodically perfect

With AgileRules, CIM Database offers the best method to connect control and execution in projects. All employees benefit from its integrated project functions throughout the entire product lifecycle. Product development is agile project work. The central challenge is to react to changes within the framework of reliable guard rails. To do this, you need functions that allow changes to be made both bottom-up and top-down. Work breakdown structures, time schedules, quality gates, checklists or delivery items (deliverables) are established planning and control instruments. CIM Database intelligently combines these with the functions for agile, largely autonomous work of employees and teams.

## Connect systems containing up-to-the-minute data

CAD data such as 3D models, drawings and circuit diagrams are central information elements in the development process. With CONTACT Workspaces, you benefit from outstanding CAD and multi-CAD data management for improved collaboration and secure processes in conjunction with the PLM backbone. Use workspaces for cross-company collaboration with partners and suppliers. Use it to exchange CAD and product data more easily and securely.

### Synchronize enterprise systems with Catalyst

The open, service-oriented architecture of CIM Database ensures that business processes are consistent with other enterprise-wide IT systems such as SAP. The application ranges from exchanging articles and bills of materials to synchronizing document and project data and supplying different ERP systems in parallel. In accordance with the SOA concept, Catalyst Web Services support direct interaction with other enterprise services using Internet-based-protocols.

## Advantages for companies and employees

- Use virtual product models for digitization
- Encourage collaboration by sharing documents and knowledge
- Run PLM processes faster and more reliably using best practices
- Combine project management and processing
- Connect systems containing up-to-the-minute data enterprise-wide
- Outstanding team data management for the leading authoring systems

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