



PLM that fits

Align product data, processes, and resources – with CONTACT Elements

What is CONTACT Elements?

CONTACT Elements is an open, scalable platform for Product Lifecycle Management. It helps your company improve project collaboration and accelerate processes across disciplinary, system, and organizational boundaries. Thanks to its modular architecture, open standards, and interfaces, you can quickly integrate CONTACT Elements into your system landscape. You can flexibly tailor your PLM solution to your requirements and leverage deeply integrated AI capabilities that understand the context of your product development. Specific applications for areas such as production, project management, or after sales can be implemented at the pace that suits your digital transformation.

Security at the highest level with ISO 27001

The development and operation of cloud products based on CONTACT Elements meet the strict requirements of the ISO 27001 standard. This certification confirms that CONTACT Software's cloud solutions adhere to the highest security standards.



Reliable protection according to ISO 26262

CONTACT Elements is tool-qualified according to ISO 26262. This certification assures that our software meets the requirements of ISO 26262 for standards for software tools for the development of safety-relevant properties.



Select operating mode as required – on-premises or cloud!

On-premises:

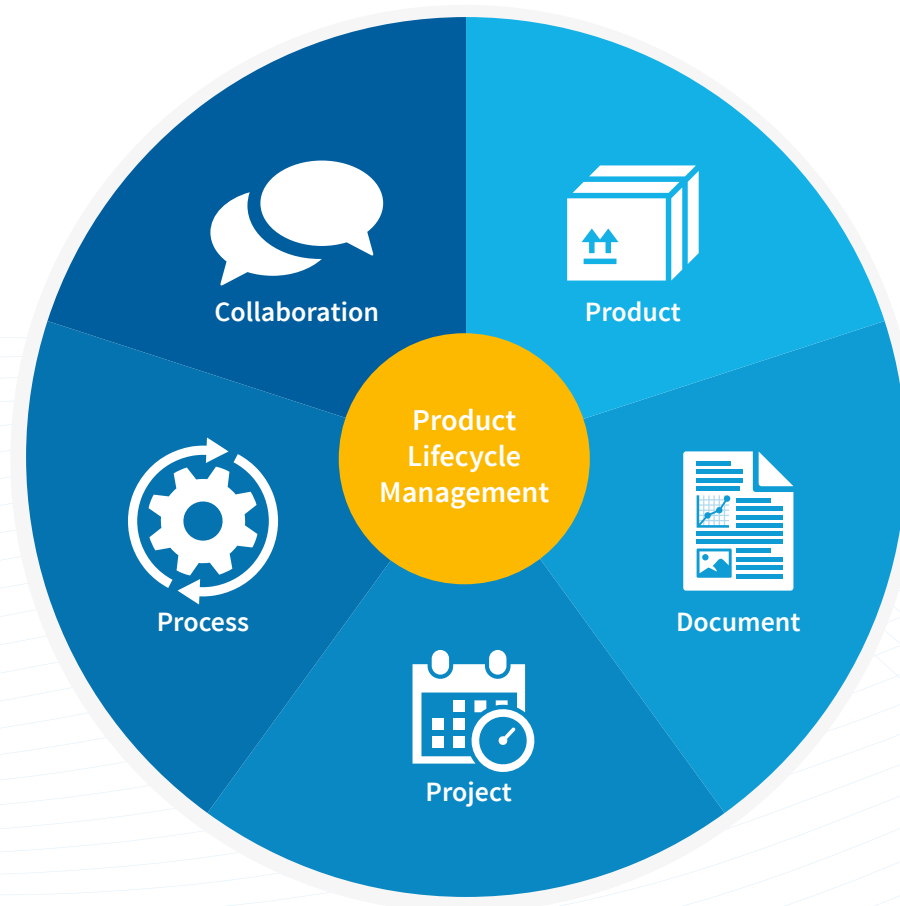
Accommodates special characteristics in the IT infrastructure and regulatory requirements



CONTACT Cloud:

Focus on acceleration and reduction of IT efforts – optionally combined with individual customizing

Your benefits



- ✓ Encourage collaboration, share product data and knowledge
- ✓ Connect systems for up-to-date data anywhere in the company
- ✓ Combine project management and processing
- ✓ Run processes quickly and reliably with best practices and templates
- ✓ Support the entire product lifecycle with PLM – including production and after sales
- ✓ Calculate Product Carbon Footprint and utilize findings for more sustainable products
- ✓ Use artificial intelligence with contextual knowledge in engineering and manufacturing

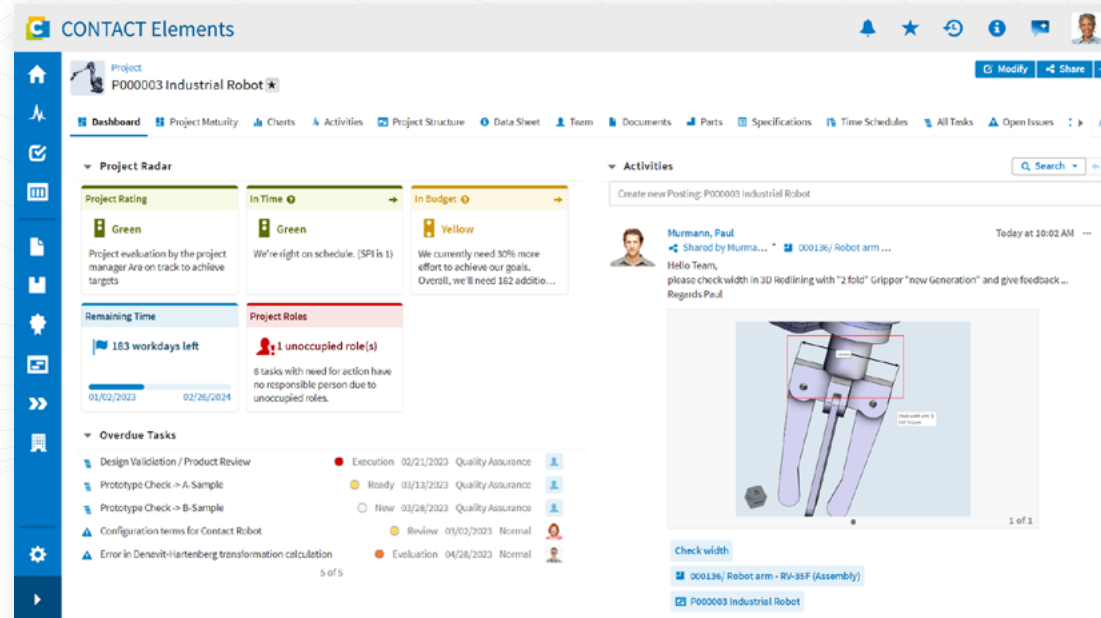
“Following the PLM implementation, it is already evident that we are approximately 20 percent faster in project execution because the processes are more seamlessly integrated.

Stefan Feldmann, Head of Development,
Gerhardi Kunststofftechnik GmbH

Share knowledge and encourage collaboration

With CONTACT Elements, your employees gain access to a Single Source of Truth for all current project and product-related information. This consistent data foundation improves collaboration in complex development projects and facilitates knowledge sharing throughout the company. This is ensured by powerful integrations for systems like ERP, MS

365, email, and CAD, along with reliable change and approval processes, and fast search functions across the entire data pool. Your company accelerates workflows, reduces errors, minimizes search as well as archiving efforts, and reliably protects its know-how.



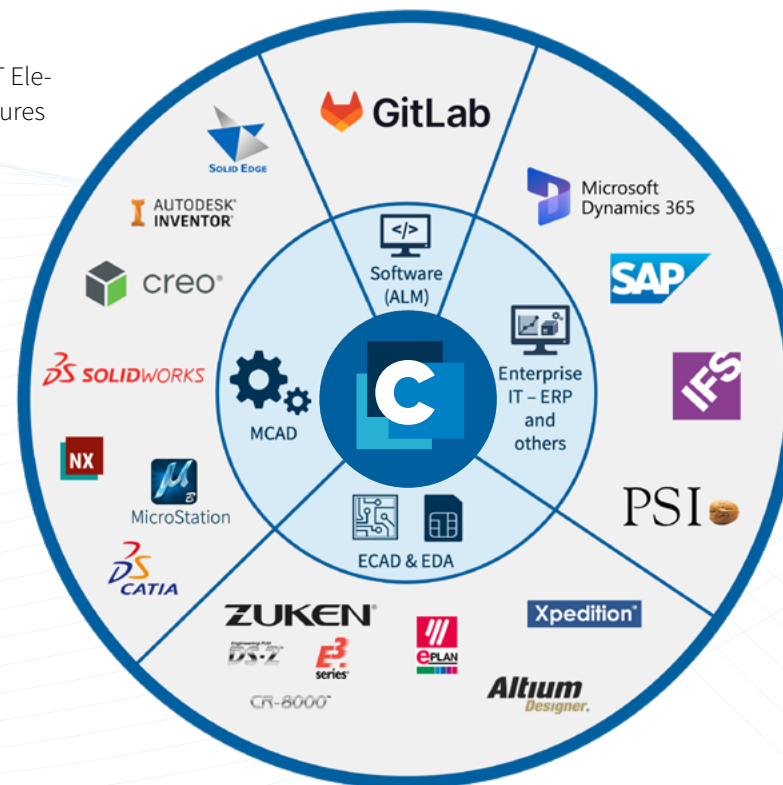
Connect systems for up-to-date data

CAD data, such as 3D models or schematics, are key information elements in the development process. With CONTACT Elements, you leverage modern CAD and Multi-CAD data management for improved collaboration and reliable processes. You can easily and securely exchange CAD and product data when collaborating with partners or suppliers.

Link enterprise systems with Catalyst

The open, service-oriented architecture of CONTACT Elements, based on CONTACT Catalyst technology, ensures the seamlessness of business processes in conjunction with other enterprise-wide IT systems like ERP. This enables the exchange of items and Bills of Material, the synchronization of document and project data, and the parallel integration with different ERP systems.

Catalyst supports process-based data exchange and event-driven interaction with enterprise services, following the Publisher-Subscriber model. For example, changes to product data are automatically shared with ERP systems.

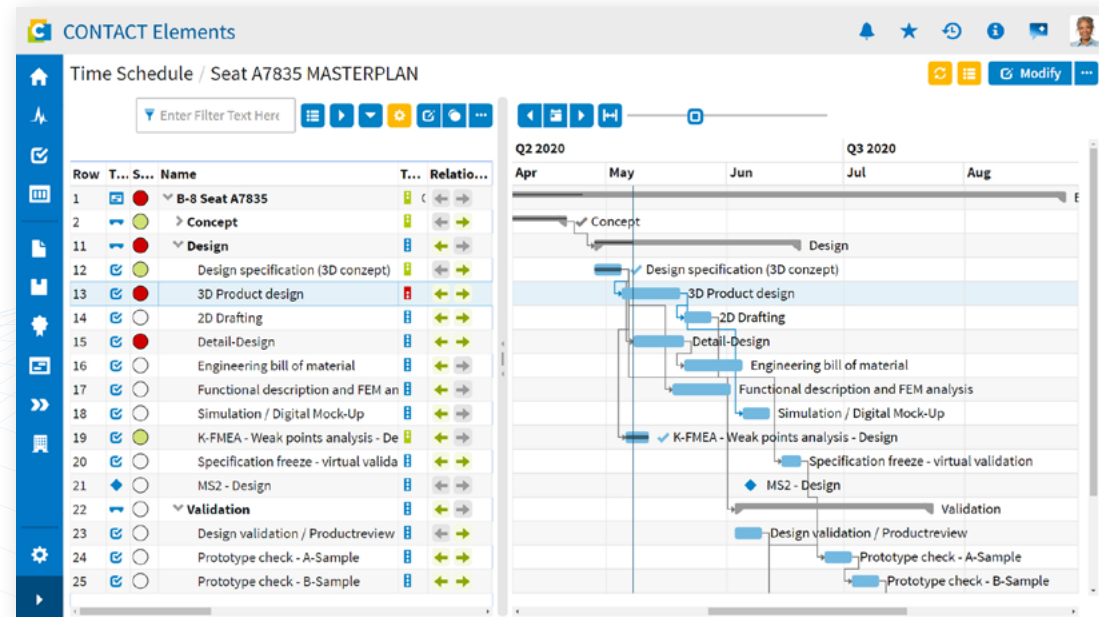


“CONTACT’s approach to digital threads based on CONTACT Elements’ open web architecture, configurable data model, and composable reusable components enables companies to break down silos and connect their data and processes across the product lifecycle from concept through life.

Mark Reisig, CIMdata 2024, on CONTACT as enabler for digital threads

Combine PLM and project management

Engineering projects are interdisciplinary, tightly scheduled and technically challenging. CONTACT Elements supplies your teams across disciplines with consistent project and product data. The software's integrated project management functions improve collaboration in global project and program organizations. Thanks to the open platform, it can be easily adapted and scaled. Your company connects all technical, timeline, and organizational information and combines agile teamwork with classic project planning. This way, you execute your development initiatives faster and more cost-efficiently.



“

For 15 years, I was looking for software that would allow us project managers to see at the touch of a button where a project stands and where it is currently stuck.

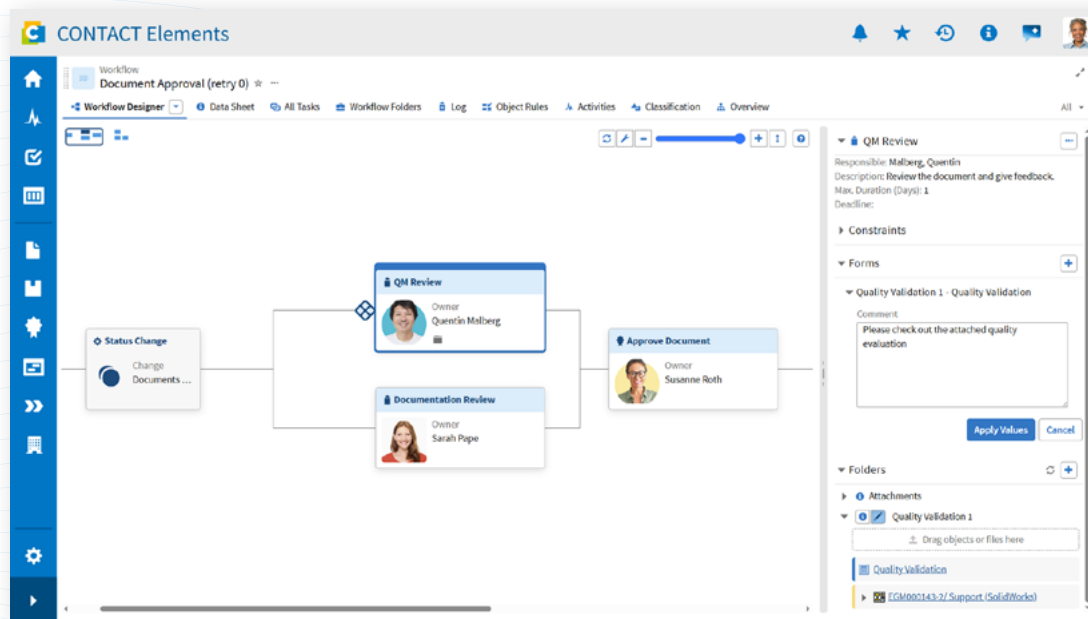
Lars Dietrich, former Head of Technology, Transtec Gotthard

Run processes quickly and reliably

With CONTACT Elements, you can streamline and optimize operational processes. It allows you to replace manual processes, often prone to inefficiencies, with secure digital methods. This includes synchronizing interconnected tasks with workflows and ensuring the quality of outcomes via status networks. Your team benefits from integrated task management and can directly access all relevant information within it.

Best practices can be encapsulated in project and process templates and executed directly. This improves collaboration among employees in daily operations and reduces process related overheads.

“We have become more efficient and are completing more tasks and projects in the same amount of time.”



Andreas Burt, Head of Research & Development,
ABUS August Bremicker Söhne KG

CONTACT Elements in practice



About BASF Polyurethanes

BASF Polyurethanes GmbH in Lemförde is the market and technology leader for polyurethane systems and plastics specialties in Europe.



Challenge

BASF PU required a platform for its product development process and cross-site project management, offering functions for project and document management, and data exchange with partners and suppliers.



Solution

BASF PU has been using CONTACT Software since 1994 for global data, process, and project management. In planning and managing of development projects, as well as the design of new production facilities, the company benefits from reliable processes and agile teamwork.



Results

- Consistent product data, accelerated processes
- Transparency regarding projects, deadlines, and costs
- Fast order processing and strong project cash flow
- Accelerated document search and know-how protect.
- High project profitability through integrated controlling

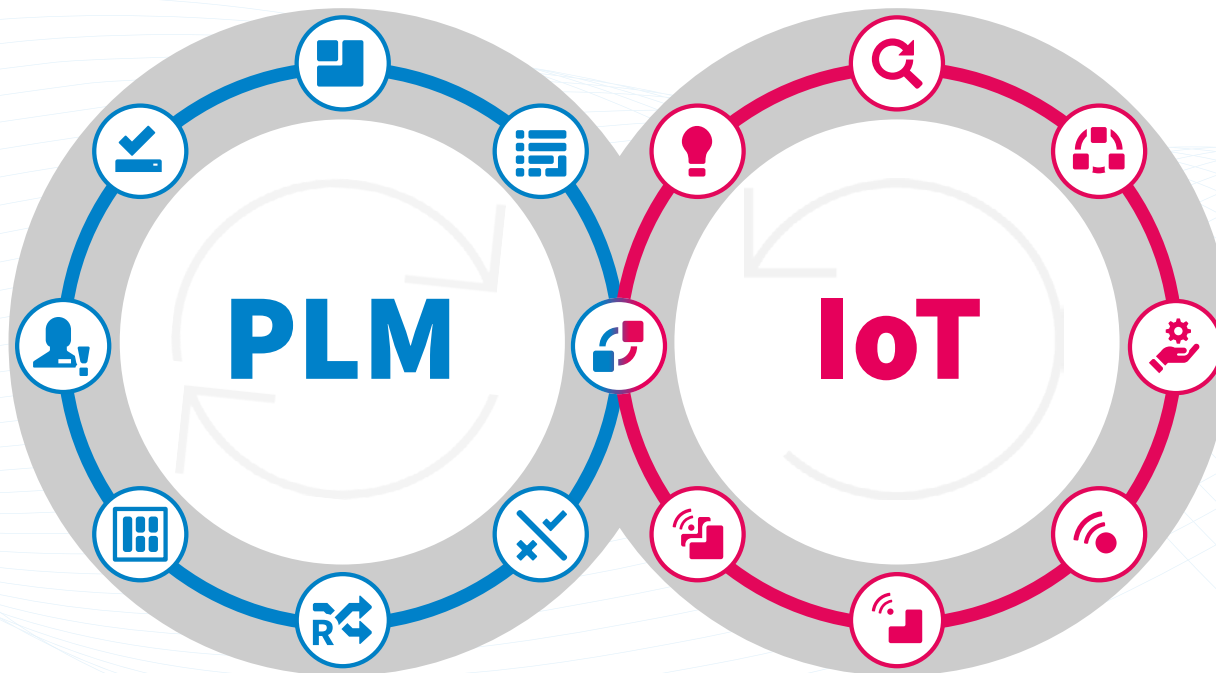
 **BASF**
We create chemistry

Connect engineering, manufacturing, and Service

In CONTACT Elements, you work with comprehensive virtual product models – the driving force behind consistent PLM. This allows you to use data and processes digitally from the first ideas to manufacturing and after sales. The models simplify front-loading: your company can make decisions faster and avoid costly changes later on.

You enrich PLM data for downstream processes such as manufacturing and operations. Linking the virtual product model with the physical product and its digital twin enables a closed-loop process that connects engineering, manufacturing, and after sales through a digital thread. This allows you to plan and develop both current products and future product generations, and continuously improve them based on usage data.

“Not only do our service teams work more efficiently with CONTACT Elements, but we also provide our customers with an improved offering by giving them access to information about their assets and self-service options.



Frank Menne, Vice President Global IT at elaxis.

Calculate the Product Carbon Footprint

With CONTACT Elements, you can determine, monitor, and share product emissions across all engineering phases and disciplines. The software brings together relevant environmental data from various sources, allowing you to identify emission drivers in components and processes at a glance.

The Product Carbon Footprint (PCF) reveals potential savings and documents your progress toward climate neutrality. This allows you to take action to reduce environmental impact as early as the product design stage. It also makes it easier to comply with legal requirements and reporting obligations.



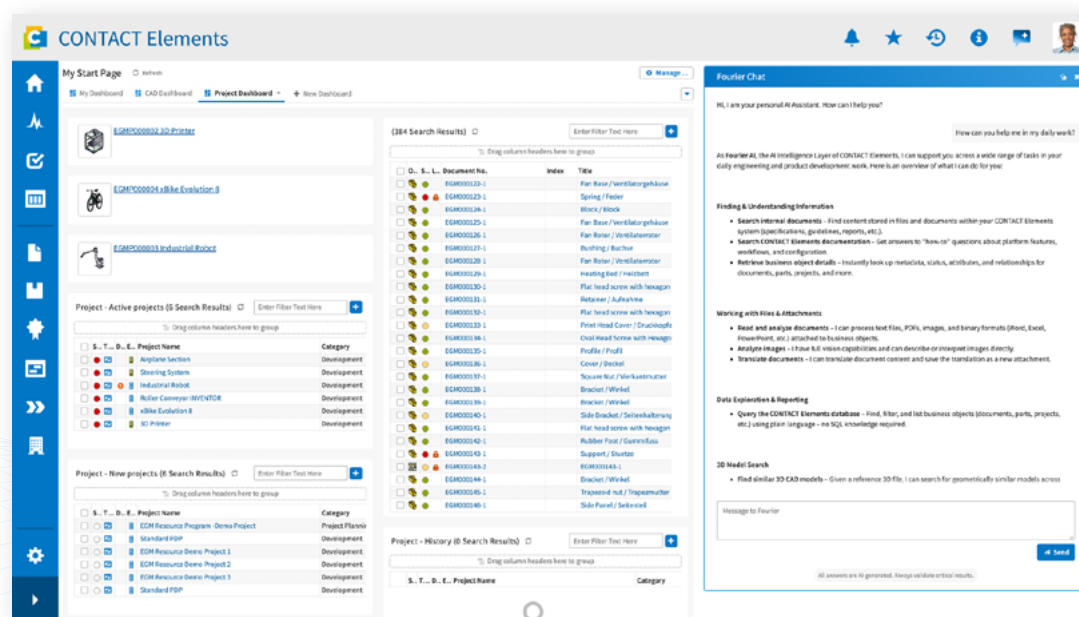
CONTACT Software enables the aggregation of CO₂-equivalent (CO₂eq) emissions using PLM data across development phases while supporting variant management and PCF calculations.

AI that understands and boosts your product creation



Fourier AI, an artificial intelligence infrastructure operated via the secure Fourier Cloud, is an integral part of our PLM platform. It gives you access to AI models developed by CONTACT, such as multimodal 3D similarity search, as well as proven AI tools that simplify your teams' day-to-day work. Your employees use AI tools that understand how your products are created. Together with our AI team, you can implement your own use cases where they can deliver the greatest productivity gains.

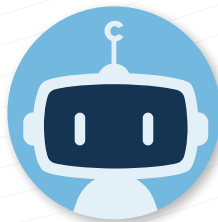
Fourier AI is not just another app. It provides an intelligent layer that enables the availability, versioning, and maintenance of foundational AI models. As Fourier AI seamlessly integrates into your IT landscape, you can systematically establish current and future AI functionalities within your company. This happens in a hybrid environment where data remains securely within your organization, while computing power is provided from the cloud infrastructure.



Data Migration



Similarity Search



Chatbot



Summarization



Classification



Semantic Search

Set your own pace!

KIRCHHOFF
AUTOMOTIVE

BASF
We create chemistry

ANDRITZ

SYNTEGON

marel

EWE

kiekert
TECHNOLOGY THAT LEADS

HONDA

WEBER-HYDRAULIK

OLBRICH

WSV.de
Wasserstraßen- und
Schifffahrtsverwaltung
des Bundes



**MANN+
HUMMEL**

HOCHBAHN

OLYMPUS

adam hall
experience event technology

SIG

RONALGROUP

thyssenkrupp

**LINDE+
WIEMANN**

brose sitech
Interior Solutions

Weidmüller

...and many more

The applications of CONTACT Elements are designed to enable fast, targeted digital transformation. From global corporations to small and medium-sized companies, the modular software allows businesses across industries such as automotive, machinery, medical, consumer, infrastructure, retail, and high-tech to flexibly combine applications to meet their specific requirements. Customers choose their own priorities and pace for digital transformation.

***energizing
great minds***