

Fast Forward Digital Transformation

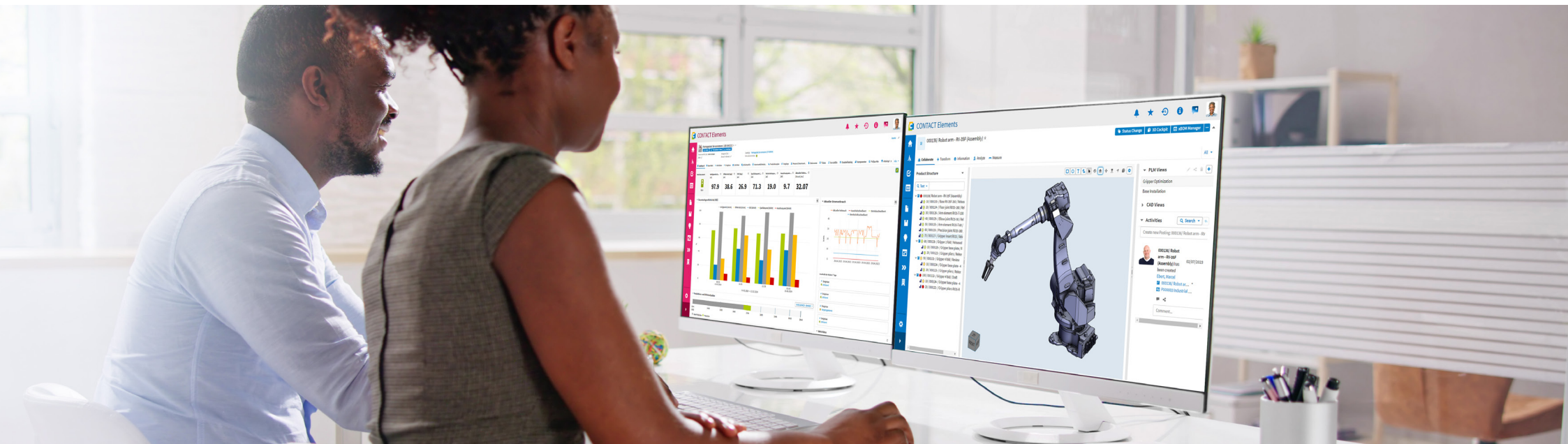
Designing and operating smart products successfully

The best software for your digital transformation

Whether in industry, commerce, or the public sector, CONTACT Elements provides organizations with a consistent data foundation that fosters collaboration and accelerates processes. Our open technology connects data in a seamless digital thread and leverages Fourier AI to integrate industrial AI throughout the entire lifecycle. This empowers your teams to achieve more together – whether they are developing products, operating equipment, delivering services, or managing assets digitally.

Successful digitalization projects require more than just good software. What matters is the right combination of technology, process consulting, and a strong implementation strategy. That is why we position ourselves as a strategic partner, offering comprehensive support for our customers' digital transformation. From faster development of smart products and energy-efficient manufacturing to innovative service business models: we identify untapped potential within your organization and develop a digitalization road-

map with realistic subprojects that we implement together. The result is a solution that delivers measurable value quickly and can be expanded step by step. Our extensive experience gained from a wide range of successful customer projects – from mechanical engineering and automotive suppliers to the public sector – has made us experts in digital transformation. We understand your complex challenges and deliver state-of-the-art technologies and proven solutions from a single source.



Solution areas and services

We offer companies the best software with AI-based technologies to simplify the use of digital product data – on-premises and in the cloud. Efficient processes, smooth teamwork, and fewer routine tasks help our customers focus on even better products and services. At the heart of it all is the CONTACT Elements platform.

PLM FOR BETTER COLLABORATION AND PROCESSES

Product Lifecycle Management in CONTACT Elements supports every phase along the entire product lifecycle. We combine the management of product data using virtual models and the digital twin with functions for collaboration as well as process and project management. Our customers increase efficiency, automate routine tasks, meet regulatory requirements, conserve resources, and improve their results.

GREEN DIGITAL THREAD FOR MORE SUSTAINABLE PRODUCTS AND EFFICIENT REPORTING

Sustainability Reporting with CONTACT Elements makes the environmental impact of products transparent and helps companies efficiently meet regulatory requirements. The Green Digital Thread connects sustainability data from their own IT landscape, suppliers, and external environmental databases, revealing opportunities for improvement throughout the entire product lifecycle. This enables our customers to develop more sustainable products that can be manufactured using fewer resources.

DATA SHARING FOR CONSISTENT PROCESSES ACROSS BOUNDARIES

Many companies contribute to a new product. Collaboration in CONTACT Elements ensures that relevant data is always available and up-to-date across organizational and system boundaries. It simplifies data flows through intelligent data sharing and creates end-to-end processes, making it ideal for collaborating with partners and integrating suppliers.

SUCCESSFUL ENGINEERING PROJECTS WITH RELIABLE PROCESSES AND AGILE TEAMWORK

Project Management in CONTACT Elements combines traditional and agile teamwork. Companies use it to systematically plan and control entire campaigns and the projects of agile development teams. The software links the complex structures of engineering processes with traditional project elements to create a single source of truth. This ensures that project and controlling teams as well as management always stay on top of things.

DIGITAL TWIN PLATFORM FOR PRODUCTION AND AFTER-SALES

CONTACT Elements enables companies to quickly and cost-effectively develop offerings based on the digital twin of industrial assets. The platform provides applications for advanced Manufacturing Operations Management (MOM), allowing companies to digitalize the shop floor – from

workforce scheduling and energy monitoring to maintenance management – and sustainably increase manufacturing efficiency. Intelligent asset management and an integrated ticketing system also enable our customers to implement data-driven Service Lifecycle Management. This strengthens customer loyalty and generates recurring revenue.

“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*



***The world's best platform
to design and operate
smart products***



EASILY COMBINE APPLICATION MODULES

Companies expect robust and open solutions that can be easily extended and integrated with existing systems. That is why we have developed CONTACT Elements. The modular platform consists of a wide range of application modules that can be easily combined to create integrated solutions. This way, individual modules quickly turn into a comprehensive system.

CONTACT CONSULTING

In times of massive change, we help companies to stay ahead of the global competition. Our consultants provide extensive solution expertise in the areas of digitalization, sustainability, IoT, AI, and new business models: from strategic consulting, proofs of concept, and process optimization to the final implementation and training. You benefit from a high level of agility and actionable consulting results.

	Plan & Innovate									Operate & Maintain	
	Innovations IN	Conceptualize & Develop				Validate & Test			Produce & Deliver	Digital Twin DT	Service & Support
	Product Portfolio DP	Modules & Platform MP	Product Costing DC	mCAD/eCAD CX	3D Visualization 3D	Engineering Changes EC	Process Templates PT	Material Compliance MC	Production Plan & Control PP	Monitoring & Analytics MA	Self-Service Customer Platform SP
	Design for X DX	Requirements Engineering RE	Part Classification & Reuse PC	Variants VA	ALM & MBSE AM	Tool Design TD	Controlling & Maturity CY	Tests & Ramp-up TR	Shopfloor SF	Maintenance MT	Field Services FS
	Closed Loop Engineering CL	Product Structure & MultiBOM PS	Materials MM	Simulation SI	Digital Mockup DU	Work Plan WP	Audit Trail & Change Records AR	Quality Issues QI	Track & Trace TT	Energy & Resources ER	Ticket System TI
Projects	Project Portfolio JP	Processes PM	Work Breakdown WB	Scheduling SC	Hybrid Methods HY	Issues & Actions IC	Resources RS	Project Costing JC	Project Risks PR	Project Deliverables PD	
Core Services	Configuration CM	Documents DM	Collaboration CO	Workflows WF	Tasks TA	Activity Stream AS	Metrics & Reporting MR	Universal Classification UC	Data-driven Process Automation DA	Office Link OL	Data Migration MI
Fourier AI	Data Governance DG	Enterprise System Connectivity EY	AI Assistant AA	Semantic Search SE	Agent & Orchestration Platform AO	Multimodal Similarity MS	Knowledge & Data Exploration KE	Time Series Analytics TX	Coding CG	Agent Operations AG	Guardrails GR
Foundation	Component Architecture CA	Identity & Access IA	UX Framework UF	Low-Code Framework LF	Trust & Signatures TS	API & Integration AP	IT/OT Connectivity IO	Container & Cloud Deployment CC	Distributed Data Management DD	Observability OY	

AI that understands your product creation



CONTACT
Fourier AI

Transform Artificial Intelligence from a disconnected piece of your IT strategy into the engine of your success: With CONTACT Fourier AI, we provide an infrastructure that embeds AI into every phase of the product lifecycle. Our AI solutions understand how products are created, how engineers think, and where productivity can be boosted. Domain-specific AI models, integrated into CONTACT Elements and operated via the secure Fourier Cloud, bring Engineering & Manufacturing Intelligence to development, production, and service – quickly, scalably, and tailored to your organization.

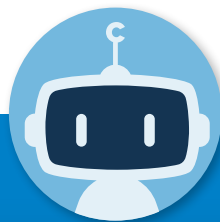
Fourier AI is not just another app. It provides an intelligent layer that enables the availability, versioning, and maintenance of foundational AI models. As Fourier AI seamlessly integrates into your IT landscape, you can systematically establish current and future AI functionalities within your company. 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!



...and many more

CONTACT Elements is designed to accelerate and streamline the digital transformation of industries. Whether global corporations or small and medium-sized companies – the modular platform enables companies from different sectors, such as automotive, machinery, medical, consumer, infrastructure, retail, or hightech, to flexibly compile specialist applications for their specific needs. Our customers determine the focus and pace of their transformation themselves.

