

We Deliver the Digital Future of Engineering & Manufacturing.

:em engineering methods AG

Current Industry Challenges

Digitalization could bring us back on track

July

August

September

Oktober

November

December

January

February



Laut einem Bericht des Manager-Magazins plant der **VW** Konzern mittelfristig bis zu **30.000 Stellen** in Deutschland abzubauen.



Nachdem **SAP** [...] nun sollen sogar **9.000 bis 10.000 Jobs** gestrichen werden.



Insgesamt sollen in den nächsten Jahren rund **14.000 Stellen** bei ZF wegfallen. Am stärksten betroffen ist dabei der Standort Saarbrücken [...] Auch Werksschließungen schließt der Konzern nicht aus.



Bosch bereits mehrfach bekannt gegeben, mehr als **7.000 Stellen** streichen zu wollen. Betroffen sind unter anderem die **Automobilzulieferersparte**, aber auch die **Werkzeugsparte** und die Hausgerätetochter **BSH**.



Ende des Monats informierte **Audi** sein Belegschaft über die Probleme des **E-Auto-Werks** in Brüssel. Denn das Unternehmen hat im Oktober angekündigt, den Standort **Ende Februar 2025** zu schließen.



Der Automobilzulieferer **Mubea** will bis **Ende 2025 rund 300 Stellen** (6%) in Deutschland abbauen. Grund: Umsatzrückgang in der europäischen Autoindustrie.



Der Wechselrichterspezialist **SMA Solar** zieht einen Stellenabbau in Betracht. Rund 150 bis 200 Millionen Euro will das Unternehmen [...] an Kosten einsparen.



Auch der Auto- und Industrielieferer **Schaeffler** will im Rahmen seiner Fusion mit dem Elektroantriebspezialisten **Vitesco** Stellen einsparen. Fast **5000 Mitarbeiter** weltweit müssen um ihren Arbeitsplatz fürchten. Zwei

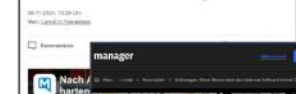
Tausende betroffen: VW-Tochter streicht ein Drittel aller Stellen
Aufgrund eines schwerwiegenden Umsatzrückgangs muss die Automobilzulieferer und Technologieentwickler VW jede dritte Stelle streichen. In Deutschland sind tausende Mitarbeiter betroffen.



WIRTSCHAFT
Ausweitung gemindert
Deutsche Bahn scheitert mit Anbietersuche für neuen ICE 5
Die deutsche Automobilindustrie hat im letzten Jahr 19.000 Stellen gestrichen

Wirtschaftsweise senken Wachstumsprognose deutlich
Die Konjunktur in Deutschland kommt nicht in Schwung. Die Wirtschaftswissenschaftler senken die Wachstumsprognosen nach unten.

Ampel zerbricht – und hat keinen Haushalt: Das sind die Folgen



VW-Boss Blume leitet das Ende der Softwaretochter Caria
Hinter der Marke steht 2000 Stellen. VW will die Softwareentwicklung in die Konzernstruktur integrieren.

Bundestagswahl: Jeder Zweite verschiebt E-Auto-Kauf
Die Hoffnung auf Förderprogramme nach der Bundestagswahl lässt viele E-Auto-Interessierte beim Kauf zögern. Jeder Zweite wartet erstmal ab. Fatal für Hersteller und Händler.



Auftragsminus zum Jahresanfang
Handelsblatt

Umfangreicher Stellenabbau bei Mercedes:
BUSINESS INSIDER

Wirtschaft: Jede dritte Stelle gefährdet
Wegen der Krise der Automobilindustrie droht ein Stellenabbau. Die IG Metall fordert um den Stand der Dinge.



Leads to strategies and boundaries such as:

“Clear Business Value and ROI < 1 year for every initiatives”

“GenAI should bring Industry back on the growth track”

“local for local needs
new IT thinking”

“Dramatic efficiency
increase = t/2”

“Chinese speed”

“Leadership in Innovation”

“Massive cost
reduction”

“Mastering
Complexity”

“0% headcount increase by 10% growth”

“Mastering Complexity”

“Use AI for speed and halve TTM”

“50:50:50”

:em AG Solutions for Digital Transformation

We make our Customers to Digital Leaders in Engineering, Manufacturing and Operations

Why?

Forbes

Digital transformation has become essential for businesses to **remain competitive** in today's ever-changing technological landscape.

THE ENTERPRISERS PROJECT

Digital transformation is capable of more than what meets the eye, and companies need to have a firm grasp of this framework to **leverage all it has to offer**.

FINTECH FINANCE NEWS

Digital Transformation is crucial to your bottom line and **profitability**, as it has become a fundamental part of modern business strategy.

THE ECONOMIC TIMES

In today's fast-paced, technologically advanced world, **Digital Transformation** has become an integral part of every forward-thinking **business strategy**.

CEOWORLD Magazine

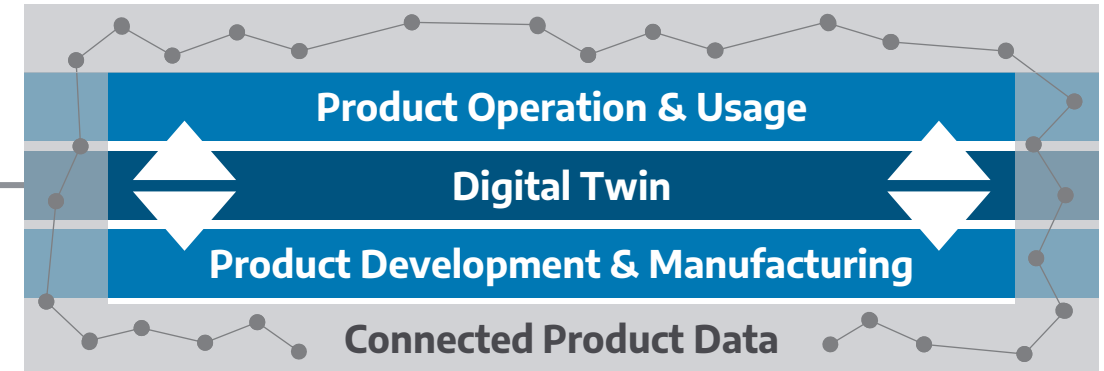
Continuous **Digital Transformation** is Necessary to **Improve the B2B Buying Journey**.

pwc

Digital Product development **drives performance**. It is expected to **increase efficiency by 19%**, **reduce time-to-market by 17%** and facilitate the **reduction of production cost by 13%** over the next 5 years.

How?

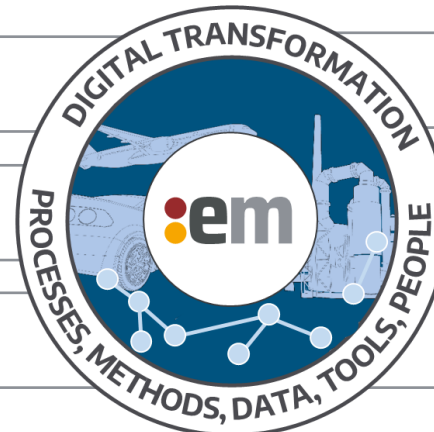
:em Solutions for your Digital Product Lifecycle



Digitalization Strategy

Data Governance

Enterprise Capabilities



Business Process Compliance

Holistic IT-Landscape

Human Cultural Change

Our strategy driven by global megatrends

We focus our business on current and future market requirements

Digitalization & Digital Twin



We deliver data strategies and IT/OT architectures for holistic Digital Twin engineering and manufacturing ecosystems.

Cyberphysical systems



We deliver Model Based Systems Engineering strategies and development approaches with software (ALM) and E/E integration.

Data Analytics & AI



We deliver data integration and governance concepts for AI/IT and enterprise architecture management with our MBITA® methodology.

Neo-ecology & sustainability



We deliver PLM and MBE data foundations to provide product instance related Digital Twin and material data for an ecological footprint.

Collaboration & Platforms



We deliver collaboration solutions for data exchange and ReqMan® for documented and traceable requirement exchange processes.

With our portfolio we deliver solutions and answers to major current megatrends !

:em engineering methods AG

We Deliver the Digital Future of Engineering and Manufacturing.

- Founded in 2001 in Darmstadt, as a “spin-off” from TU Darmstadt, headquartered in Darmstadt with subsidiaries in Böblingen and Munich.
- Independent IT and consulting company for strategy, Processes, Methods, Technologies and Organisation (PMTO).
- Software & solution provider and system integrator for engineering, manufacturing and digital twin applications.
- Specific know-how in different industries.
- Engagement of more than 120 IT consultants, software developers and engineers.
- Successful and sustainable development by founders and executive board:



Christian Donges
CSO



Dr. Sven Kleiner
COO



Dr. Marcus Krastel
CEO



**Automotive
OEM & Supplier**



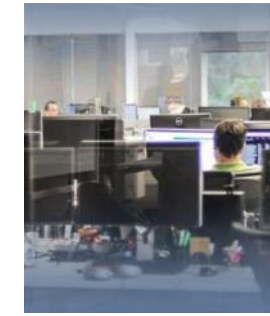
**Industry and
Automation**



**Aerospace
and Defence**



**Mobility and
Transportation**



**Electrics/Electronics
and High Tech**



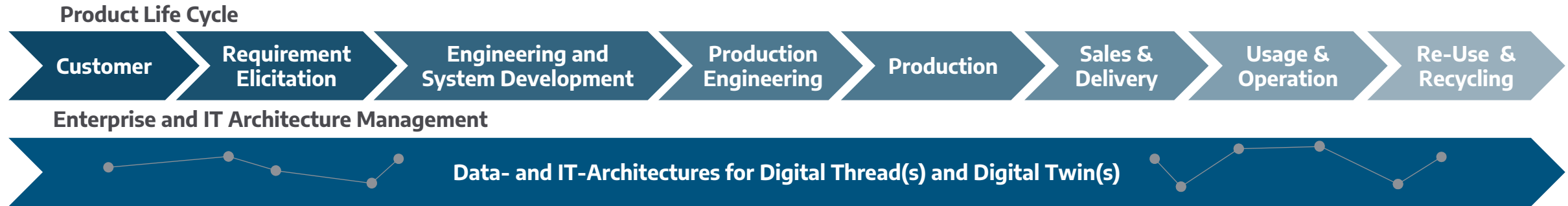
**Medical Technology
and Life Science**



Scope ID: S1L8WY
Assessment ID: A52797-1

em AG Business Units

We deliver benefits along the Product Life Cycle with connected Data, Methods & Processes



Product Lifecycle Management

With our PLM services we enable the Digital Enterprise with continuous information flows and seamless IT architectures to shorter lead-time and increase efficiency.



Data Analytics & AI

We enable comprehensive AI Use Cases for engineering, production and operations using state-of-the-art IT architectures and Digital Twin technologies.



Digital Services & Cloud

Our digital services delivers automations, interfaces, robust and scalable software development environments, software solutions and IT-architectures.



Digital Engineering

With our Digital- and Systems-Engineering services we master the complexity of mechatronic system development to provide data for successful products.



Digital Manufacturing

With our Digital Manufacturing services, we sustainable digitize shopfloors to turn data into value and drive comprehensive data driven IT/OT production integration.



IT Strategy & Transformation

We define a robust and sustainable Digitalization Strategy and ready-to-deploy recommendations for higher efficiency and new data driven business models.

Strategic Focus for the Digital Future

Core Topics of our Consulting and Solution Business Units

Product Lifecycle Management

Dr. Marcus Krastel



Digital Twin

PLM/ALM, SDM/TDM

Requirements Engineering

Cooperation Management

Variant & Config Mgmt.

Digital Engineering

Dr. Sven Kleiner



Systems Engineering

CAD/CAE/KBE/MBx

MultiCAD & Migration

System Simulation

TDP/DDP & Digital Thread

Digital Manufacturing

Dr. Dennis Janitza



Smart Factory

IT/OT Integration

Real-time Production

Integration of MES/SCADA

Cyber Security

Data Analytics & AI

Dr. Johannes Mellenthin



AI Value Analysis

AI in Eng. & Prod.

LLM Implementation

Governance & Regulatory

IT Architecture for AI

Digital Services & Cloud

Dr. Marcus Krastel



DevOps, CI/CD

Agile Software Dev.

Data Governance

Cloud Strategies

Enterprise Architecture

IT Strategy & Transformation

Digitalization Strategy | Roadmap Development | Enterprise Capability Management | Change Management

:em AG – Innovations at the Pulse of the Market

Strong solution footprint and technology partner network

Service and technology partnerships



Reselling 3rd party software solutions



Active participation in strategic organization and committees



Our :em AG software solution
ReqMan® for AI based
Requirement Management



Top-class and loyal customer and partner base

Strategic diversification and no customer dependency

Automotive OEM & Supplier



Mobility and Transportation



Industry and Automation



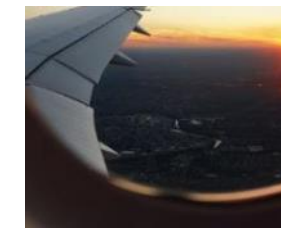
Medical Technology and Life Science



Electrics/Electronics and High Tech



Aerospace and Defence



More than 150 active customers per year | Many of these are customers of more than one Business Unit
Top 10 consulting customers work with :em for more than 15 years

:em AG - a strong and reliable Partner!

We Deliver the Digital Future of Engineering and Manufacturing.

- Our customers face the **Digital Transformation** and we realize new business models, strategies, **development processes** and **product innovations**.
- We develop and implement **PLM/MBE/ALM processes, methods and IT/OT solutions** across the **Product Life Cycle** for the successful realization of **Digitalization Strategies**.
- We support the necessary **change process** within the **organization** and among **employees**.
- Our employees have **long-time experiences in various industries** and in planning and execution of IT and engineering projects.
- We are an **owner-led company** with a long-term corporate strategy and therefore we are a strong and reliable partner for our customers as **Trusted Advisor**.

Executive Board



Dr. Sven Kleiner

Dr. Marcus Krastel

Christian Donges

We deliver the Digital Future of Engineering & Manufacturing

Thank you for your interest!

Please contact:

Name, Rolle

E-mail x.y@em.ag

Follow us:



:em engineering methods AG



Subscribe to our Newsletter

Our Locations:

Rheinstr. 97, 64295 **Darmstadt**

Herrenberger Str. 14, 71032 **Böblingen**

Josephspitalstraße 15, 80331 **Munich**



**18./19. May
2026
Engineering
Process Days**

Our expert conference
**"Digitalization
meets Engineering
& Manufacturing"**

18. Event in 2026

