



WE  
ENABLE  
SMART  
MANUFACTURING





Dear readers,

*As IT experts, we achieve measurable results and innovative processes for you, our customers, from the data obtained on your shopfloor. Our daily work is clearly programmed for the digitalization and efficiency of industrial production in the sense of Industry 4.0. In recent years, the industry has become all too aware that a successful future can only be achieved through digital transformation.*

*Our ultimate goal is to enable smart manufacturing for the digital factory of tomorrow and to revolutionize the processes between production and management. We know exactly how companies tick and what course needs to be set. We make your goals our own. That is the essence of our thinking and acting. And we have been doing so for almost 30 years.*

*It is thanks to our passion and the long-standing trust of our international clients that we are able to live up to this high standard.*


*Success lives from „smart networking“ - not only between machines, but also between people.*

**WE ENABLE SMART MANUFACTURING**



From the left:  
Managing directors:  
Harald Kimmerle,  
Wolfram Schäfer

*Start transformation now*

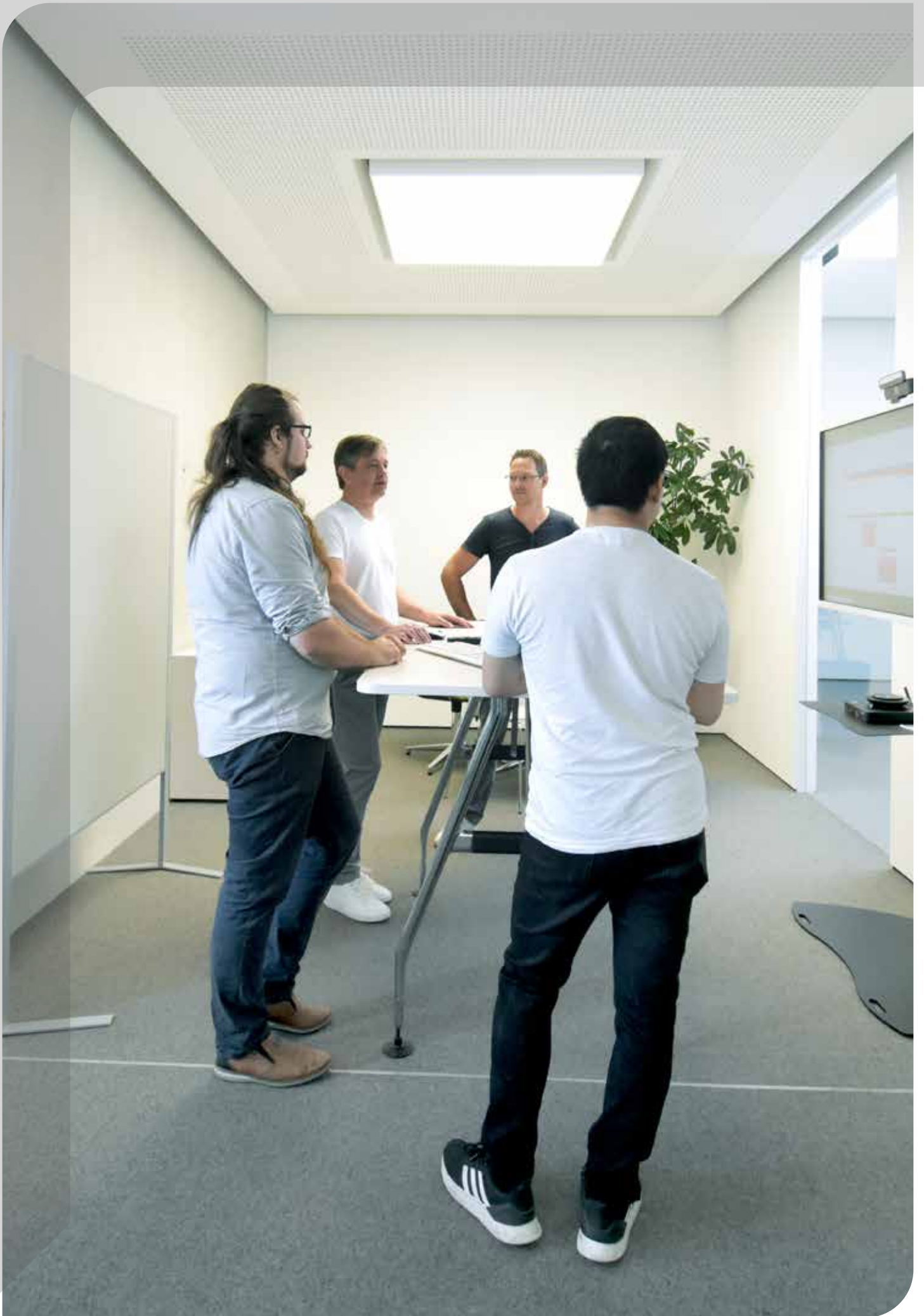


Our main goal with MES Software EMC is to create the basis for your digital factory and thus produce more efficiently.

The basis of everything we do is to offer our customers and our modern society a benefit, a real added value. That is our drive, our conviction.

Every successful transformation starts with a change. For ourselves, this means continuously fine-tuning our skills and our software so that we can always adapt to the latest requirements, needs and expectations of our customers and the market, or even break new ground.


We can proudly say that we do exactly that with our MES Software EMC. The measurable success of our customers always comes first. We set the foundation for the future of the digital smart factory, we provide ongoing support and enable our customers not only to start the digital transformation, but also to implement it successfully.





*Achieve more together*

We are more than just IT.  
We are a strong partner and  
reliable service provider for  
digitalization by your side.



You can always count on us for your transformation towards your digital factory. We offer you the opportunity to integrate the approaches of Industry 4.0 simply, smoothly and profitably into your ongoing production and thus transform it step by step into a „smart factory“.

Our commitment goes beyond successful installation, commissioning and go-live. We support you continuously with training and coaching and provide answers and support for questions and problems. Our goal is to support you optimally and in line with your needs, thus relieving the burden on your own resources.

Our customers are global technological market leaders as well as highly specialised medium-sized companies. They appreciate our pragmatic and at the same time professional approach with our team-oriented way of working.

Digitalization thrives on exchange. This applies not only to the reliable exchange of data within the machines and departments, but also between our customers and us. For us, it is essential to find the best possible path for your digital future together with you and to follow it together.





## *Use our expertise*

# The creativity and knowledge of our employees are our main competitive and success factor.

**Our employees are the ones who carry our know-how, provide efficient services for our customers and live our passion.**

Highly qualified software specialists from the fields of computer science, electrical engineering and automation technology develop and design innovative software solutions and stable applications for our customers. Thanks to their constantly refined professional competence and expertise in both IT, on the shopfloor and the interdisciplinary experience gained from numerous installations in a wide range of industries, we can guarantee and further increase the quality standard of our software and our services.

With our comprehensive understanding of the interaction of the systems involved, from ERP to manufacturing to machines and tools, we create the important and necessary prerequisite for the successful implementation of your digital factory.

Our open way of working with constant exchange between each other guarantees each of our customers full access to our bundled competences. This way, we can ensure flexible access to special expertise and industry knowledge on an ongoing basis for every project.

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Around  
**30 years**  
of experience in  
„mechanical engineering“  
and „manufacturing  
processes“



**1995**

Start as engineering office

**2000**

Expansion into a GmbH

**2005**

Expansion in Pliezhausen



**2012**

Move to the new  
company building

**2015**

20 employees,  
rock solid

**2018**

Company group,  
division into business  
divisions



*Take the fast lane  
with MES Software EMC*

An industrial future without digital and almost paperless production is conceivable, but not efficient.

Our innovative MES Software EMC is indispensable for optimising production processes in terms of productivity and flexibility. Continuously developed and successfully in use for several decades, it is perfectly adapted to the processes and needs in manufacturing and thus creates the basis for the digital and virtually paperless factory of the future.

In doing so, we leave simple, bulky standard software far behind. We know that every production is different. That's why many process sequences of different manufacturing methods are already integrated in our system standard.

Full flexibility and individuality also in the customisability of your system. We easily configure customer-specific process requirements, adaptations, individual reports and extensions without time-consuming programming.

This means you always have the best possible solution that integrates seamlessly into your production and adapts optimally to it. Thanks to the modular structure, the desired modules can be installed or additional modules can be easily retrofitted at any time, depending on your requirements. All with the goal of making your production ready for the future.

Transparency about the current status of the production at any time, independent of location

Dashboards provide information about machine statuses, order situation, production utilisation and reasons for malfunctions

Automated machine, operational and process data in real time via production monitor, PC and mobile devices

Intelligent, resource-optimized detailed planning of production orders taking actual and target progress into account and immediate localization of production delays



Determine, plan, carry out and digitally document the maintenance of machines and tools according to the actual use

Continuous monitoring of energy consumption to identify potential savings

Meaningful key figures and analyses such as OEE on efficiency and effectiveness of production

Traceability of products, from the input material to the packaged product

Over  
**3.500**  
machines

successfully connected  
to the EMC

Over  
**100**  
installations

in Europe (worldwide  
installations for  
customer locations)

**LESJÖFORS**  
Springs & Pressings

**BAUMANN**



**RENZING**  
FEDERntechnik



**VDF FEDERN**



**Jung**  
Präzisionsfedern



**VITZ FEDERN**  
Stanz- und Biegetechnik



**ZETKA**  
Stanz- und Biegetechnik GmbH & Co. KG



**reiber**  
Fabrik für Präzisionsfedern

**DIETZ**  
Kompetenz in Federn  
und mehr



**POWER-CAST**  
ORTMANN  
KOPF GRUPE

**KREUTZER**  
STANZ-BIEGETEchnik



**SCHERDEL**  
Fortschritt aus Tradition

**wielpütz**  
automotive

**KAIZHONGVOGT**



Our best reference  
are satisfied customers



## *Lived commitment*

For us, digitalization in the sense of Industry 4.0 is not an empty phrase, but the lived reality of the manufacturing of today and tomorrow.

Through our partners and memberships in various associations, we bundle our know-how and combine modern technologies for the digital transformation of our customers. This cooperation and active participation in expert panels are very important for us.

The valuable impulses received from this can have a lasting influence on new developments. Our work is rounded off by close ties to universities and work on research projects.

With this commitment, we make it clear to the industry that beyond current production processes and organisational forms, there is still considerable potential that needs to be exploited. The goal is to leverage potential in manufacturing that goes beyond improving the performance of individual machines and processes.

As part of the initiative „100 Places for Industry 4.0 in Baden-Württemberg“, the EMC software from iT Engineering Manufacturing Solutions GmbH was awarded for a practical, intelligent networking solution for production and value creation processes.

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Award  
**100**  
Places for Industry 4.0  
in Baden-Württemberg



## Partners & Memberships



netzwerkdraht





## *Connected with the industry*

Being present on site at the leading trade fairs as well as industry and network meetings is self-evident for us. By this way, we enable you and our customers fast, personal access to our software and its numerous services.

Together in conversation or during presentations and demonstrations, we offer you the opportunity to experience live and directly the potential that the use of our MES Software EMC can offer for your digital factory of the future. Because one thing is clear: In theory, everything is always simple. And in practice?

With us at your side, too.







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