

## Company Profile

Munich-based **MAS Management und Software GmbH** was founded in 1980 as a systems and software company and is an IT consulting and software engineering company that has been established in the market for 40 years.

We specialize in **(Industrial) Internet of Things** and **Embedded Solutions** for industrial and medical environments.

In addition, the implementation of cross-industry **customer-specific web and desktop applications** as well as **system solutions** complements our portfolio.

Benefit from our expertise, which has grown over a large number of projects, and thus from an optimal solution concept for your problems.

## Areas of Competence

### (Industrial) Internet of Things (IIoT)

Do you want to monitor your plants, machines or devices continuously and in real time?

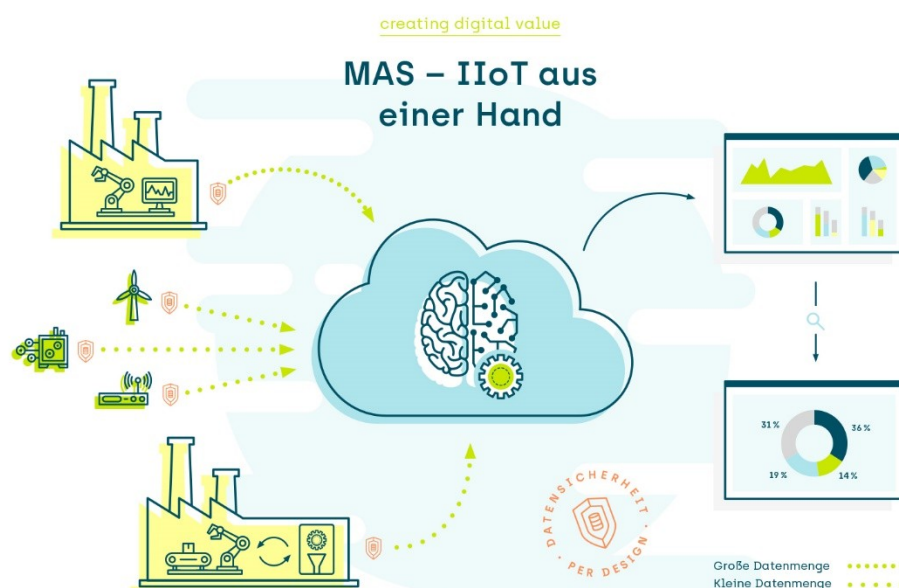
The components of an IIoT solution automatically record, analyze and evaluate deviations and errors – and, if necessary, directly initiate appropriate measures to avoid production downtimes. You will have access to the insights gained and will not only be able to bring the highest quality products to market in the future, but also ensure optimized production.

Use the technology of tomorrow for your future!

Efficiency, cost reduction and fast processes with the greatest possible flexibility are the goals of Industrial IoT. As an essential aspect, data forms the basis for **anomaly detection**, **predictive maintenance** and **machine learning**, among other things.

Stay future-proof and benefit from our **customer-specific IIoT solutions tailored to medium-sized companies**, based on Microsoft Azure!

Visit us on our focus website: <https://www.iiot.de>!

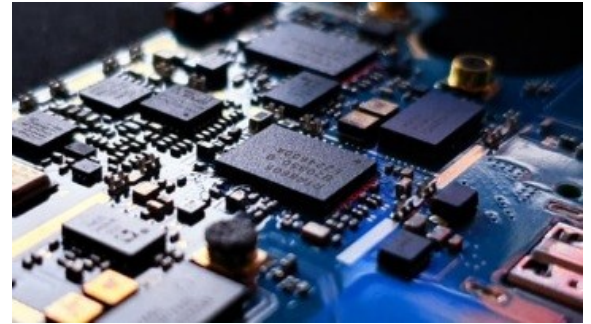


## Embedded

Are you looking for a partner developing the software for your device, machine or system? Or software „around your device“ (like apps for configuration or digital services)?

With our specialization in customer-specific device and hardware-related development, we offer our customers exactly the state-of-the-art solutions they need for their competitiveness.

In addition to the development of **Embedded Linux based device software applications** and **microcontroller-based firmware**, we also implement **IoT aspects** such as **edge computing**, **connection to clouds** or **digital services**, with which our customers can generate real **added value for their device** (e.g. evaluation and visualization of device data, device management, auto-registration of devices, and much more).



## Web and Desktop Applications

We also implement classic IT solutions for you - from individual **components** and **tools** to **complete systems**.

Especially in the context of digitalization, implementing and optimizing business and operating processes with the help of software and thus increasing the quality of products and services is a crucial goal for every company.

Whether **web-based applications** or **desktop applications**, **database-based client/server solutions** and their seamless integration into your company's existing system landscape - we will find the right solution approach and the optimal technologies for the economic realization of your goals.

If your solution requires hardware-related, device-specific or mobile aspects to be taken into account, we also cover them.

## Software Engineering

With contract development as well as consulting / development support on site or remotely, we realize your software projects for you. We support you in all disciplines of the development process in an agile process model that is transparent for you at all times.

- Requirements Engineering, Requirements Analysis, Feasibility Analysis, Prototyping, Proof of Concept
- Software Requirements Specification, Test Spezification, Software Architecture Documentation
- Software Architecture and Design
- Implementation and Unit Testing
- System Integration, System Validation and System Verification
- Project management

## Themen-Schwerpunkte

- ☒ Testing & Validation
- ☐ Modelling & Simulation
- ☒ Automation & Internet of Things
- ☒ Implementation & Integration
- ☐ Safety & Security
- ☐ Research & Founding
- ☒ Digitalization & Artificial Intelligence
- ☐ Coaching & Education

## Branchen

- Industrie
- Medizintechnik
- Telekommunikation



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#### Mitgliedschaften:

