

German company specialised in industrial machine communication is looking for partner in the field of embedded software applications

Summary

Profile type

Business request

Company's country

Germany

POD reference

BRDE20250324013

Profile status

PUBLISHED

Type of partnership

Commercial agreement

Targeted countries

- **Italy**
- **Romania**
- **Austria**
- **Netherlands**
- **Bulgaria**
- **France**
- **Belgium**
- **Luxembourg**
- **Spain**
- **Poland**
- **Ireland**
- **Czechia**
- **Hungary**
- **Sweden**
- **Finland**
- **Lithuania**
- **Greece**
- **Croatia**
- **Denmark**
- **Malta**
- **Portugal**
- **Cyprus**

- Estonia
- Slovakia
- Slovenia
- Latvia

Contact Person

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Term of validity

31 Mar 2025**31 Mar 2026**

Last update

31 Mar 2025

General Information

Short summary

A German engineering company delivers innovative software solutions with a focus on embedded systems programming for industrial needs. By using standardized communication interfaces like OPC UA and MQTT and as official Umati Partner. The company ensures seamless and secure machine communication and is looking for long-term project partner or industry cooperation.

Full description

The engineering company is specialised in the field of innovative software solutions that empower industrial systems to perform at their best. The expertise lies in developing custom software tailored to unique engineering challenges, with a strong focus on embedded systems programming and robust application development for Windows and Linux environments. Whether it's optimizing existing systems, creating new functionality or enhancing operational efficiency, the companies solutions are designed to meet the highest standards of performance, reliability and precision.

EMBEDDED SYSTEMS & SOFTWARE DEVELOPMENT

The company is specialized in embedded systems programming, offering high-performance software solutions for industrial hardware. To design the software the company deals with the specific requirements from the costumer, whether for product innovation, system upgrades or retrofitting legacy equipment.

STANDARDIZED COMMUNICATION INTERFACES

The company is a leader in creating standardized communication interfaces that enable seamless and secure communication for industrial equipment. The solutions leverage the globally recognized standards like OPC UA and MQTT, ensuring seamless interoperability and reliable machine-to-machine communication. As an official Umati Partner, the company builds interfaces that align with industry standards while simplifying complex operations. From developing OPC UA-compliant software to implementing dynamic machine networking and standardized data history retrieval, the company ensures your systems integrate effortlessly into a modern industrial ecosystem.

PROVEN EXPERTISE & INDUSTRY LEADERSHIP

Since 2016 the company is working together with well known German industry companies. This long-time experience in IT security, industrial communication, and data analytics has made the company a trusted partner for businesses seeking innovative solutions. With active participation in OPC UA standardization committees, the company stays at the forefront of industry advancements to deliver cutting-edge results.

PARTNER SOUGHT

For the further internationalization process, the company is looking for international project and industry partners. Preferred are machine manufacturers and plant operators. Retrofitting of existing machinery with modern Industrial-IoT (IIoT) interfaces is also possible.

Advantages and innovations

The company has expertise across all levels of networked system integration - from application development to physical communication layers. The company designs custom software tailored to specific hardware, including embedded systems as well as desktop and mobile applications. This includes developing individual applications, offering white-label licenses and providing solutions for new developments and retrofits.

In addition to standard-compliant OPC UA interfaces and data modeling, the company offers tailor-made database solutions for storing process data and enable standardized data history retrieval with OPC UA Historical Access. The company implements dynamic machine networking at runtime without the need for a central controller, facilitating flexible and efficient operations.

Technical specification or expertise sought

Machine manufacturers and plant operators are preferred as technology suppliers and development partners for their product and prototype development. The company is also looking for project partners with existing machinery that can be retrofitted with the new technology (data interface, data visualization, databases, etc.).

Stage of development

Already on the market

IPR Status

Secret know-how

IPR Notes

Sustainable Development goals

• **Goal 9: Industry, Innovation and Infrastructure**

Partner Sought

Expected role of the partner

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Type of partnership

Type and size of the partner

Commercial agreement

- Big company
- SME <=10
- SME 11-49
- R&D Institution
- University
- SME 50 - 249

Dissemination

Technology keywords

- **02002007 - Joining techniques (riveting, screw driving, gluing)**
- **02002011 - Machining, fine (grinding, lapping)**
- **02003002 - Manufacturing plants networks**
- **02003005 - Information processing & Systems, Workflow**
- **02003001 - Process automation**

Market keywords

- **08002003 - Process control equipment and systems**
- **08002005 - Machine vision software and systems**
- **08002002 - Industrial measurement and sensing equipment**
- **08002006 - Numeric and computerised control of machine tools**

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Sector groups involved