Technology and Business Partners Sought for Market Expansion

Summary

Profile type	Company's country	POD reference
Technology offer	**Germany**	**TODE20260128003**
Profile status	**Type of partnership**	**Targeted countries**
PUBLISHED	**Commercial agreement with technical assistance**	**• World**
Contact Person	**Term of validity**	**Last update**
Noriko MITA	**28 Jan 2026** **28 Jan 2027**	**28 Jan 2026**

General Information

Short summary

The German-based company designs, builds, and integrates custom satellites for missions in Low Earth Orbit (LEO) . Their ability to mass customize satellite solutions allows them to get missions to orbit at a fraction of the lead time. The company is growing fast and is now looking for international business and technology partners.

Full description

Company Overview

Founded in 2021, the company is a German satellite manufacturer with operations in two strategically chosen locations: Berlin (design center) and Munich (state-of-the-art AIT MicroFactory). Since its inception, the company has focused on the development and production of high-performance, tailor-made satellite platforms in the 75 to 500 kg class. With a strong emphasis on payload-centric design, the company specializes in fully customized platforms that accommodate both single- and multi-payload configurations.

Operating as a dedicated payload integrator, the company provides end-to-end mission support from satellite design and integration to testing, launch readiness, LEOP, and commissioning. All activities are backed by a robust and secure ITAR free supply chain.

A key milestone was achieved with the successful launch of one of the company's satellites in January 2025. The satellite has now been operating nominally in low Earth orbit (LEO) for over a year, providing valuable flight heritage and validating the maturity of the company's satellite technology.

Technology and Mission Focus

The company's platforms are engineered to support demanding Intelligence, Surveillance, and Reconnaissance (ISR) missions, including optical Earth observation and synthetic aperture radar (SAR). Beyond ISR, the platforms are also optimized for a wide variety of sophisticated and non-standard use cases, such as:

- Satellite Communications (SatCom)
- Laser Communications, including Quantum Key Distribution (QKD)
- Positioning, Navigation, and Timing (PNT)
- Experimental or defense-related payloads

The company combines mission-driven engineering with modular and agile platform architecture to serve the evolving needs of NewSpace markets and institutional customers.

Industrial Partnerships and Global Expansion

To support international customers and sovereign space ambitions, the company is also developing a unique capability: localized satellite production through dedicated AIT (Assembly, Integration, and Testing) facilities. These modular MicroFactories are designed to be rapidly deployable and enable domestic satellite manufacturing with support and training provided by the company's engineers. This offering creates high-tech jobs, strengthens local expertise, and supports strategic autonomy.

The company is actively seeking international business and technology partnerships to expand into new markets. The company welcomes collaboration with:

- Payload and instrument manufacturers
- Entities involved in data pre-processing and analytics
- Governmental or defense organizations interested in sovereign satellite capabilities

Through such partnerships, the company aims to scale its impact, contribute to strategic space infrastructure globally, and shape the next generation of space missions.

Advantages and innovations

High Performance
- Combines rapid development timelines with mission grade performance and reliability—no trade offs required.
- Eliminates the traditional dilemma between speed and quality in satellite manufacturing.
- Design is started around the payload

Fast, Tailored Satellite Development
- Provides customized ESPA class, flight ready solutions designed to meet precise mission needs.
- Accelerates time to orbit through streamlined engineering and production processes.

Technology Advantage
- Merges the flexibility and customizability of traditional space programs with the innovation speed of NewSpace.
- Ensures optimal design freedom without long development cycles.

Flexibility & Mission Adaptability
- Delivers satellites engineered around customer specific payloads, ensuring maximum mission performance.
- Supports rapid adaptation or redesign based on evolving mission requirements.

Reliability
- Avoids the reliability risks often associated with overly rapid or mass production NewSpace approaches.
- Applies rigorous engineering standards to assure functionality over the entire lifetime of the satellites.

Technical specification or expertise sought

Stage of development

Already on the market

IPR Status

Secret know-how

IPR Notes

Sustainable Development goals

• Goal 9: Industry, Innovation and Infrastructure

IPR Notes

Partner Sought

Expected role of the partner

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Type of partnership

Commercial agreement with technical assistance

Type and size of the partner

- **SME <=10**
- **SME 50 - 249**
- **Other**
- **Big company**

Dissemination

Technology keywords

- **02011005 - Space Exploration and Technology**
- **01006008 - Satellite Technology/Positioning/Communication in GPS**
- **02011004 - Satellite Navigation Systems**

Market keywords

- **01005004 - Microwave and satellite components**
- **01004002 - Data communication components**
- **01005001 - Satellite services/carriers/operators**
- **01005002 - Satellite ground (and others) equipment**
- **01006001 - Defence communications**

Targeted countries

- **World**

Sector groups involved

- **Aerospace and Defence**