

Czech provider of reliable and innovative smart energy solutions seeks Japanese partners for smart grids, IoT, and predictive maintenance systems.

Summary

Profile type

Business Offer

Company's country

Czechia

POD reference

BOCZ20241217017

Profile status

PUBLISHED

Type of partnership

Outsourcing agreement
Supplier agreement
Commercial agreement

Targeted countries

• **Japan**

Contact Person

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Term of validity

17 Jan 2025
17 Jan 2026

Last update

17 Jan 2025

General Information

Short summary

A Czech company with over 70 years of experience in delivering high-quality and innovative energy solutions offers its expertise in smart grids, IoT-based technologies, and predictive maintenance systems. With a strong focus on precision, reliability, and long-term partnerships, the company seeks collaboration with Japanese businesses for technology integration, joint development, and commercial agreements.

Full description

The Czech company is a trusted manufacturer of smart energy solutions, recognized for its engineering precision, reliability, and focus on long-term value. With a deep commitment to innovation, the company delivers solutions tailored to the unique needs of Japanese industrial and energy markets:

Smart Grid Solutions

Advanced systems that ensure stable and efficient energy distribution. Their solutions integrate real-time monitoring and management of power grids, providing seamless control and enhanced grid stability.

IoT-Based Energy Management



Cutting-edge technologies that allow for remote diagnostics, real-time monitoring, and automated control. These tools help Japanese businesses improve operational efficiency, reduce costs, and maintain consistent performance.

Predictive Maintenance for Critical Infrastructure

Company's predictive maintenance systems leverage advanced analytics to detect issues before failures occur, reducing downtime and extending the lifespan of critical infrastructure – a key advantage for high-value energy assets.

Precision Switching and Distribution Systems

Robust and reliable electrical switching devices and energy distribution systems designed and tested to meet international and Japanese quality standards (IEC/ISO).

Solutions for Railway Infrastructure

High-performance energy systems that provide safety, reliability, and longevity for the demanding railway sector, aligning perfectly with Japan's reputation for transportation excellence.

The company combines tradition and innovation, offering Japanese partners products and solutions that not only address today's challenges but also prepare businesses for the future.



Advantages and innovations

Proven Reliability: Over 70 years of experience delivering long-lasting solutions that partners can trust.

Commitment to Innovation: Integration of cutting-edge IoT and predictive technologies.

Precision and Quality: Products crafted to exacting standards, ensuring durability and efficiency.

Customized Solutions: Flexibility to adapt systems to the specific needs of Japanese partners.

Sustainable Energy Solutions: Supporting Japan's clean energy goals through smart grid and renewable energy integration.

Technical specification or expertise sought

The ideal Japanese partners for the Czech company should possess the following technical expertise:

Smart Grid and Energy Systems Integration:

Expertise in modernizing energy grids, including integration of renewable energy sources and managing energy distribution systems.

IoT-Based Technologies:

Proficiency in deploying IoT solutions for remote monitoring, diagnostics, and intelligent energy management.

Predictive Maintenance Solutions:

Strong capabilities in predictive analytics and real-time maintenance systems for optimizing equipment performance and minimizing downtime.

Electrical Infrastructure and Engineering:

Proven experience with high-precision electrical switching devices and distribution systems that meet international and Japanese quality standards.

Railway Energy Solutions:

Familiarity with energy systems for railway infrastructure, ensuring safety, efficiency, and long-term reliability.

The Japanese partners should be able to collaborate on technology adaptation, joint product development, and market-specific implementation, ensuring solutions align with Japanese industrial standards and customer needs.

Stage of development

Already on the market

Sustainable Development goals

- **Goal 11: Sustainable Cities and Communities**
- **Goal 7: Affordable and Clean Energy**

IPR Status

Secret know-how

IPR Notes

Partner Sought

Expected role of the partner

Japanese partners are expected to:

Facilitate Market Entry:

Support localization of the company's products and technologies to meet Japanese standards and regulatory requirements.

Technology Collaboration:

Work jointly with the company on co-development of products tailored for Japanese clients, integrating advanced smart grid and IoT solutions.

Distribution and Implementation:

Serve as distributors or systems integrators for the company's energy solutions, ensuring successful deployment across Japanese industries and infrastructure.

Joint Ventures and Investments:

Explore opportunities for joint ventures to establish local manufacturing, service centers, or R&D facilities to optimize product delivery and support.

Customer and Project Engagement:

Leverage their expertise and market networks to develop strategic partnerships with local utilities, industrial clients, and railway operators.

Type of partnership

Outsourcing agreement**Supplier agreement****Commercial agreement**

Type and size of the partner

• Big company**• SME 50 - 249****• SME 11-49**

Dissemination

Technology keywords

- **04001004 - Transmission of electricity**
- **04002012 - Other energy related machinery**
- **04002013 - Smart grids**

Targeted countries

- **Japan**

Market keywords

- **06002003 - Power grid and distribution**
- **06009 - Energy Distribution**
- **06010003 - Energy for Industry**
- **06010002 - Energy for the community/public sector**
- **06011 - Energy for Transport**

Sector groups involved

- **Renewable Energy**
- **Energy-Intensive Industries**

Media

Images

[product2.png](#)

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