Swedish company offers virtual simulation and cloud-based testing platform for software-defined vehicles under commercial agreement. Commercial agreements with technical assistance are sought in Japan and South Korea.

Summary

Profile type
Business Offer

Company's country
Sweden

POD reference
BOSE20260417006

Profile status
PUBLISHED

Type of partnership
Commercial agreement

Targeted countries
- **Japan**
- **South Korea**

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Term of validity
17 Apr 2026
17 Apr 2027

Last update
17 Apr 2026

General Information

Short summary

A Swedish SME specialised in automotive software development tools offers a virtual simulation and cloud-based platform enabling early-stage testing and validation of software-defined vehicles. The technology reduces hardware dependency and accelerates development cycles. The company seeks to establish commercial agreements with technical assistance with partners in Japan and South Korea.

Full description

A Swedish small and medium-sized enterprise active in automotive software tooling has developed a modular platform that enables virtual development, simulation and validation of vehicle software before physical prototypes are available. The automotive industry is transitioning toward software-defined vehicles, electrification and connected mobility.
However, traditional development processes remain heavily dependent on physical hardware prototypes and fragmented toolchains. This leads to high development costs, limited collaboration between distributed teams, and delayed validation cycles. The company has developed a lightweight, open and scriptable software platform that allows engineers to simulate, test and validate automotive software components in virtual environments.

The solution supports standard automotive communication protocols such as CAN, LIN, FlexRay and Automotive Ethernet. It enables Software-in-the-Loop (SIL) and Hardware-in-the-Loop (HIL) simulation, real-time data streaming, cloud-based collaboration and integration into continuous integration and continuous deployment workflows.

The platform consists of modular components that allow:
- Virtual modelling of vehicle networks and electronic control units
- Real-time communication brokering between software components
- Cloud-based scenario testing and remote collaboration
- API-based scripting and automation for test case execution

The system is already validated in collaboration with European automotive OEMs and engineering service providers.

Advantages and innovations

- Reduces dependency on physical vehicle prototypes by enabling early-stage virtual validation
- Shortens development cycles through automation and integration into CI/CD workflows
- Supports industry-standard automotive communication protocols, ensuring compatibility with existing vehicle architectures
- Enables distributed engineering collaboration via cloud-based simulation environments
- Modular and scriptable architecture allows flexible adaptation to OEM-specific workflows

Technical specification or expertise sought

The company seeks:
- Automotive engineering service providers
- System integrators specialising in embedded vehicle systems
- Tier-1 suppliers with software validation capabilities
- Technical distributors with experience in automotive development tools

Stage of development

Already on the market

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 12: Responsible Consumption and Production**
- **Goal 13: Climate Action**

IPR Status

IPR Notes

Partner Sought

Expected role of the partner

The partner is expected to:

- Reach out to potential customers in the local market supported by the Swedish company
- Integrate the platform into local automotive R&D workflows
- Conduct pilot implementations with OEMs or suppliers
- Provide local technical support and training
- Contribute to localisation and adaptation to domestic automotive standards
- Support commercial rollout in Japan and/or South Korea

Type of partnership

Commercial agreement

Type and size of the partner

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

Dissemination

Technology keywords

Market keywords

- **08002003 - Process control equipment and systems**

Targeted countries

- **Japan**
- **South Korea**

Sector groups involved

- **Mobility - Transport - Automotive**
- **Digital**

Media

PDF documents

Topology poster - EEN.pdf
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