

Company Name	Kudan Inc.	
Representative	CEO	Daiu Ko
	(Securities code:4425 TSE Growth)	
Inquiries	Head of Administration	Tatsuhiko Ishii
	(TEL.03-6892-7333)	

## **Vecow Launches Turn-Key AMR Development Kit Integrating Kudan's Spatial Perception Technology to Advance Physical AI in Robotics**

*– The advanced robotics platform combines edge AI computing, spatial perception, navigation, and semantic AI capabilities to accelerate Physical AI in next-generation autonomous machines –*

Kudan Inc. (hereinafter “Kudan”) today announced that its partner, Vecow Co., Ltd. (hereinafter “Vecow”), a global leader in embedded computing and edge AI solutions, has officially launched the VTK AMR Dev Kit, a turn-key development platform for Autonomous Mobile Robots (AMRs) that integrates Kudan's Spatial Perception and Robot Navigation technology.

### **■ A Pre-Integrated Platform for Next-Generation Autonomous Robotics**

The VTK AMR Dev Kit (EDR-1000) combines advanced edge computing, multimodal perception, and AI-driven autonomy into a unified robotics development environment. It is specifically designed to accelerate the realization of Physical AI, a new generation of intelligent machines capable of understanding and interacting with the physical world.

Traditionally, developing autonomous mobile robots requires integrating numerous complex subsystems, including perception sensors, computing hardware, and navigation algorithms. These integration challenges often slow development cycles and increase engineering complexity.

The VTK AMR Dev Kit addresses these hurdles by providing a pre-integrated, full-stack robotics development platform that significantly simplifies system integration and accelerates:

- Rapid Prototyping: Streamlining the path from concept to functional robot.
- Algorithm Validation: Enabling robust testing in real-world environments.
- System Development: Offering a scalable, modular architecture for AI-enabled machines.

### **Product Introduction Video**

<https://youtu.be/jeS6a0a9m5w>

### **Product Introduction Site by Vecow**

[https://www.vecow.com/dispPageBox/vecow/VecowCT.aspx?ddsPageID=PRODUCTDTL\\_EN&dbid=5357113499](https://www.vecow.com/dispPageBox/vecow/VecowCT.aspx?ddsPageID=PRODUCTDTL_EN&dbid=5357113499)

### **■ Core Technologies and Strategic Collaboration**

Through the integration of Kudan's core technology, the platform enables robots to reliably localize, map, perceive, and navigate complex, dynamic environments—forming a critical foundation for industrial and commercial operations.

Furthermore, in collaboration with NVIDIA, the platform enables advanced AI capabilities, including:

- Semantic Understanding: Moving beyond coordinates to understand environmental context.
- Natural Language Interaction: Powered by Large Language Models (LLMs) for intuitive task-based operation.

By combining Vecow's expertise in industrial edge computing with Kudan's Perception and Navigation capabilities, the VTK AMR Dev Kit provides an integrated foundation for developers, system integrators, and research institutions. The platform supports a wide range of applications, from logistics automation and industrial inspection to smart infrastructure and next-generation AI robotics research.

### ■ Accelerating the Physical AI Ecosystem

The launch of the VTK AMR Dev Kit represents a pivotal step toward building the ecosystem required for Physical AI. By integrating edge computing, perception technologies, and advanced AI models, it empowers robots to truly understand and interact with their surroundings.

As the global demand for intelligent automation grows, integrated platforms like the VTK AMR Dev Kit will play a key role in accelerating robotics innovation and enabling the widespread adoption of Physical AI technologies worldwide.

### ■ Exhibition Information: Live Demonstration Invitations

The VTK AMR Dev Kit announced in this release will be showcased at the following exhibitions. We invite you to experience next-generation autonomous mobility technology firsthand through live demonstrations and physical displays of the AMR development kit.

#### **NVIDIA GTC 2026**

- Dates: Monday, March 16 – Thursday, March 19, 2026
- Venue: San Jose Convention Center (San Jose, CA, USA)
- Booth: #113

#### **Japan IT Week Spring 2026**

- Dates: Wednesday, April 8 – Friday, April 10, 2026
- Venue: Tokyo Big Sight (West Halls 3 & 4)
- Booth: W23-43

We look forward to seeing you at the events.

We estimate that this release will only have a minor impact on the company's financial performance for the fiscal year ending 31 March 2026 at this time. We will promptly make an announcement if any event requiring disclosure arises.

# Accelerate Your Path to AI Autonomy

## Meet VTK AMR Dev Kit – EDR-1000

A fully integrated robotics development platform designed to empower developers.

Scalable  
Compute

Pre-integrated  
Sensors

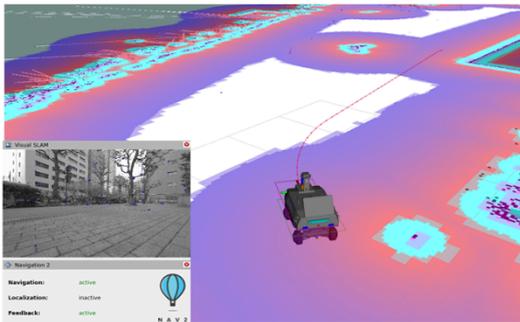


Flexible  
Interfaces

Advanced  
Built-in Autonomy

### Traditional Navigation

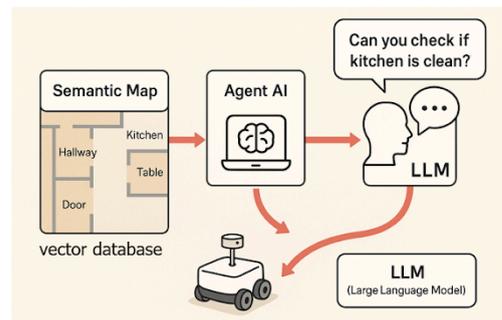
Relies solely on geometric maps and waypoints



Command: Go to point X:3.5, Y:8.2

### Semantic AI Navigation and Tasking

Modern AI demands contextual, semantic understanding



Command: Go to kitchen and inspect

### About Kudan Inc.

Kudan provides spatial perception technology, described as the "eyes for all machines", that drives the advancement of Physical AI and plays a pivotal role in next-generation digital twins and robotics. By perceiving the real world to create digital twins that AI can understand, Kudan contributes to the digital transformation (DX) of operational management and significant productivity gains. Furthermore, the company offers fundamental technologies that enable robots to digitally perceive their surroundings and achieve autonomous mobility in complex environments.

For more information, please visit Kudan's website at <https://www.kudan.io/>.

### ■ Company Details

Name: Kudan Inc.

Securities Code: 4425 (TSE Growth)

Representative: CEO Daiu Ko

### ■ Contact Information

For more details, please contact us from [here](#).

**About Vecow Co., Ltd.**

Vecow is a team of global embedded experts dedicated to designing and manufacturing industrial-grade computer products. Renowned for leading performance and reliability, our solutions embody advanced technology and innovative concepts. Vecow is your trusted partner in empowering Edge AI and Robotics innovation. Our comprehensive portfolio, ranging from AI Inference Systems to Rugged Computing platforms, is chosen by global leaders to power Machine Vision, Logistics & Warehouse, Intelligent Factory, Public Safety, Digital Rail, Smart Transportation, and next-generation AI Robotics deployments. For more information, please visit our website at [www.vecow.com](http://www.vecow.com).