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Beyond Passenger Cars
Real-World Applications of Autonomous Logistics



Website

LinkedIn

ESCAP Regional Conference on Autonomous Vehicles in Asia and the Pacific

9 September 2026

Zelostech

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- **The world’s largest RoboVan fleet: 30,000+ vehicles and growing**
- In-house development of both vehicles and autonomous driving software
- Proven, scalable models backed by mass production and a mature global service network

5 Years of Growth

Global Unicorn

Pioneer of RoboVan Autonomous Logistics

Launched **the world's first RoboVan** commercially operating on urban motorways

Experienced Management Team and Leading Investors

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Our extraordinary team cohesion stems from extensive Silicon Valley experience and deep industry expertise



Prof. Dr. Kong Qi

Global Chairman

18yr+ experience in AI/AV

- Ph.D. Purdue University
- Previously Baidu's technology committee member in Silicon Valley



Dr. Xuchen Zhang

Global CEO

10yr+ experience in silicon and AI/AV HW

- Ph. D. Georgia Institute of Technology
- Previously hardware architect at Waymo and Apple



Dr. Li Zhuang

Global CTO

10yr+ experience in AI algorithms

- Ph.D. Purdue University
- Previously architect at Baidu Silicon Valley

A strong lineup of investors demonstrating the market's confidence in our long-term value

L4 Full-Stack Autonomy for the Most Complex Scenarios

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30,000+ Vehicles

350+ Cities

20+ Countries

200M+ KM*
Real L4 Operating Mileage

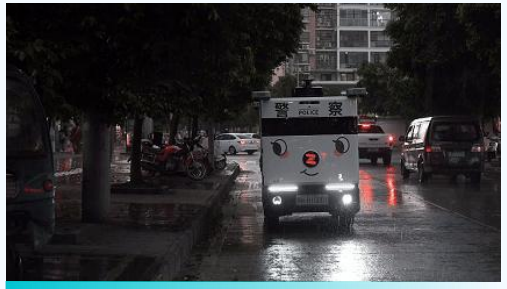

Obstacle avoidance


Traffic light



Cold-chain delivery


Automated barrier lifting


Rainy condition driving

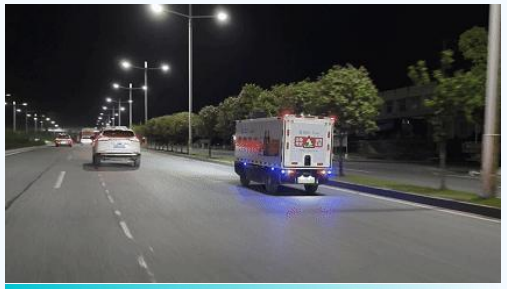


Multiple drop-off



Autonomous U-turn


Automated escape


Nighttime driving

* *The data is up to the end of Sep. 2026*

The Zelostech Product Family
A Full Spectrum of Autonomous Logistics Vehicles

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Z5
Wheel-arch layout

Maximum Range: 230km
Payload Capacity: 1800kg
Cargo Volume: 6.2m³
BatteryCapacity: 40.8kWh

Z5
Cold-Chain

Maximum Range: 180km
Payload Capacity: 1555kg
Cargo Volume: 4.6m³
Temperature Range: -20~12℃

Z5Plus
Flat-floor layout

Maximum Range: 230km
Payload Capacity: 1760kg
Cargo Volume: 6.4m³
BatteryCapacity: 40.8kWh

Z10
Freight RoboVan

Maximum Range: 250km
Payload Capacity: 2500kg
Cargo Volume: 12.5m³
BatteryCapacity: 55.9kWh

Z10
Cold-Chain

Maximum Range: 180km
Payload Capacity: 2200kg
Cargo Volume: 10.2m³
Temperature Range: -20~12℃

Z20 NEW
Freight RoboTruck

Maximum Range: 320km
Payload Capacity: 4000kg
Cargo Volume: 20m³
BatteryCapacity: 78kWh



One Platform, Endless Possibilities

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L4 Autonomous Dust Removal Vehicle



L4 Electric Power Inspection Vehicle



L4 Autonomous Water Sprinkler Vehicle



L4 Refrigerated Meal Delivery Vehicle



Autonomous Feeding Vehicle



L4 Autonomous Vending Vehicle

"Zelos One" APP for Intelligent Fleet Management

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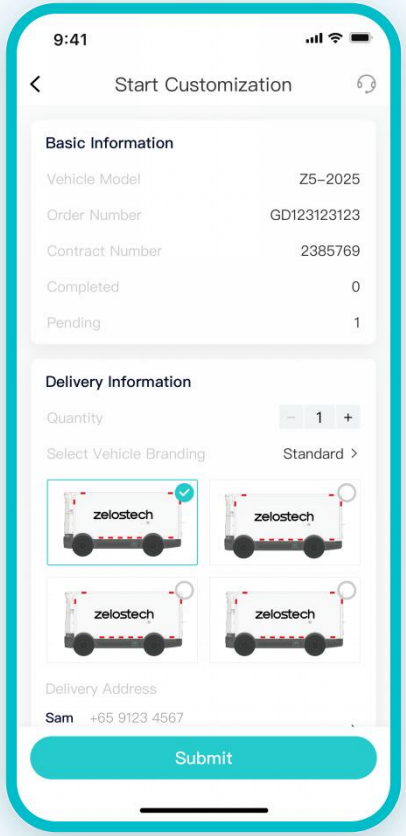
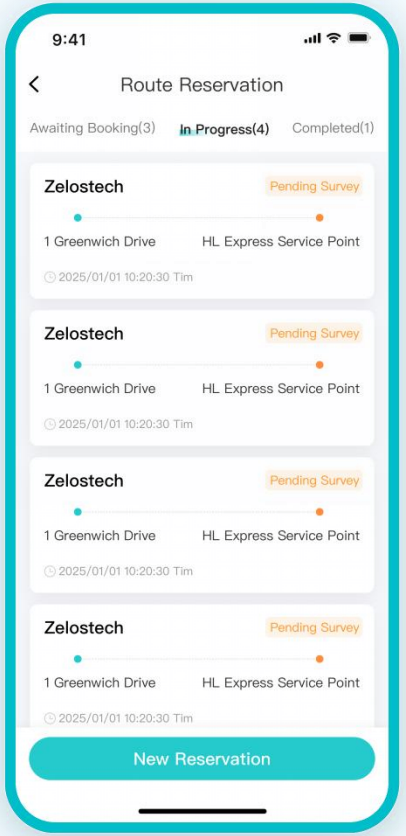
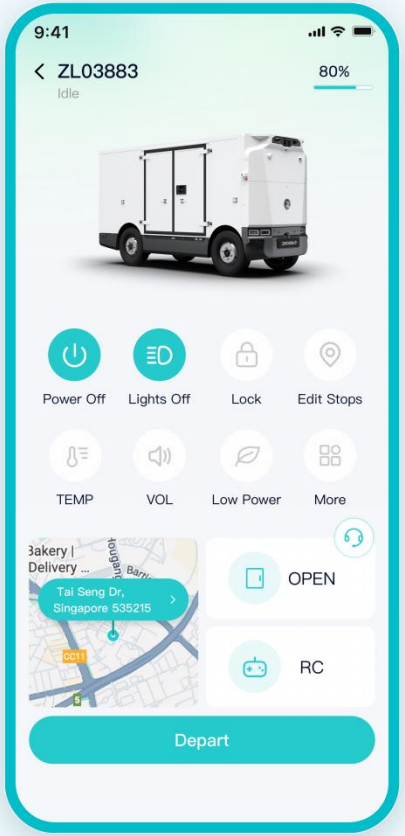
Standard Customization



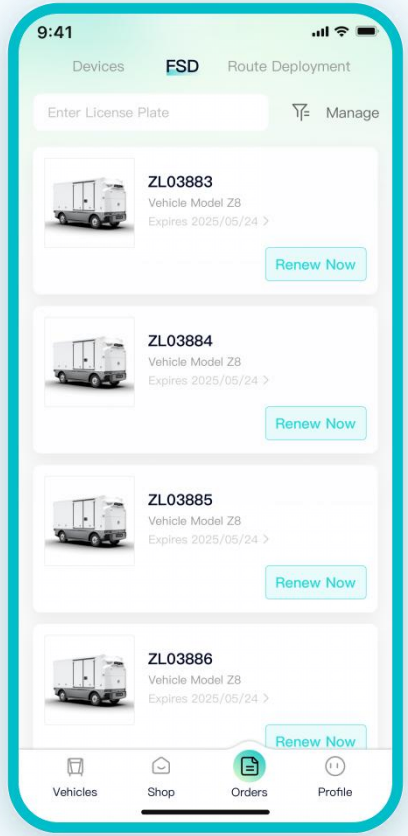
Delivery Tracking



Daily Operations



Service Renewal



Why Logistics Is the Fastest Route to Commercial Autonomy

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Logistics operations provide the most reliable bridge from autonomy R&D to daily, revenue-generating fleets—because the environment, workflow, and performance can be engineered and measured.



Safer by Design

Deploy first where speed, interaction points, and operating zones are controlled, reducing exposure while safety cases and SOPs mature.

Repeatable Workflows

Fixed routes, schedules, and standardized maneuvers (dock approach, yard moves, loops) make validation, tuning, and operations consistent day after day.

Measurable & Scalable ROI

KPIs like uptime, interventions, on-time moves, cost per move/mile, utilization, and incident rates create a clear path from pilots to multi-vehicle fleets.

> “The future belongs to those who prepare for it today.

Where Autonomy Is Already Working, From Hubs to Airports and Public Roads

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Logistics Hubs



- Internal transportation
- Sorting / transfer
- Middle-mile

Airports



- Landside logistics
- Cargo / equipment movement
- Operational transportation

Public Roads



- Middle-mile
- Last-mile
- Urban logistics



Global Business - Southeast Asia

Singapore Post

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Agreement Signed with Singapore Post



Launch multi-scenario autonomous delivery pilots in Singapore



Exclusive global partnership established with Singapore Post through a strategic cooperation memorandum

Global Business - Southeast Asia | **International Airport**

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Initiated RoboVan deployment within the Free Trade Zone



From Vehicle Trials to System Integration in Airport Logistics



Zelostech RoboVan Deploys at Airport to Enable Integrated Landside Logistics Automation

POS Malaysia

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Agreement Signed with POS Malaysia



Launch Malaysia's 1st Autonomous Postal Logistics POC



Global Business - Middle East

Emirates Post

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Strategic Agreement Signed with 7X



Joint Exhibition with 7X at the Universal Postal Congress



Use Case

FairPrice Group Use Zelostech RoboVan To Transport Goods

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FairPrice Group utilizes Zelostech Z10 to transport goods between its distribution centers in Singapore, covering approximately 10 km. The AVs is primarily deployed to move palletized goods, including room-temperature fruits and vegetables, packaged products, and other essential items.

36% Cost Cut

Comparison

Traditional Model	• Local market faces high labor costs, difficulty in recruitment • lHigh personnel management complexity and a low level of digitization in the overall supply chain replenishment system have resulted in inefficient operations.
Zelostech RoboVan	• Cut the number of hours spent on manual tasks, freeing up staff to focus on more complex work • Expect to lower the company's carbon dioxide emissions by 27 tons per year • Make the supply chain operations more efficient, sustainable and digitally enabled

Global Business

Trusted by the World's Leading Companies

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THE WORLD'S LARGEST ROBOVAN ENTERPRISE

A GLOBAL LEADER IN AUTONOMOUS DRIVING TECHNOLOGY

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