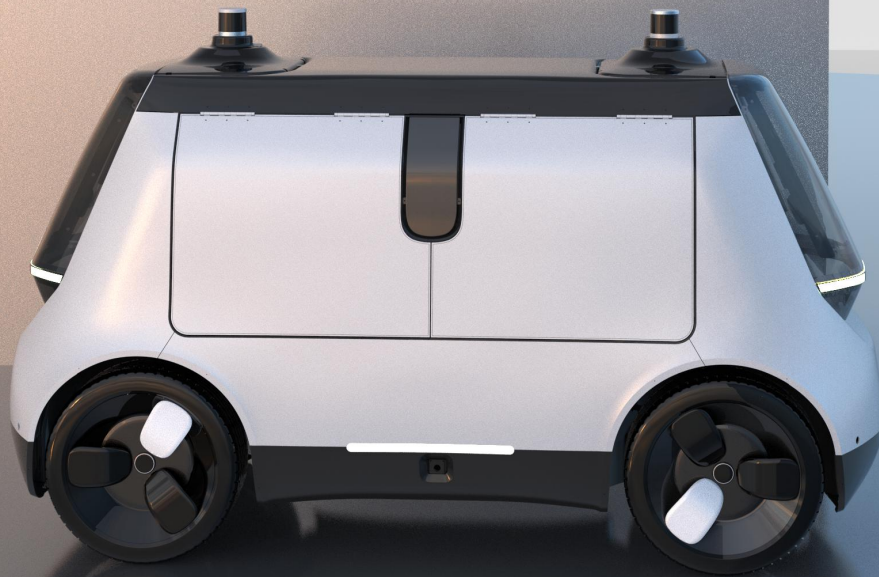


whale dynamic

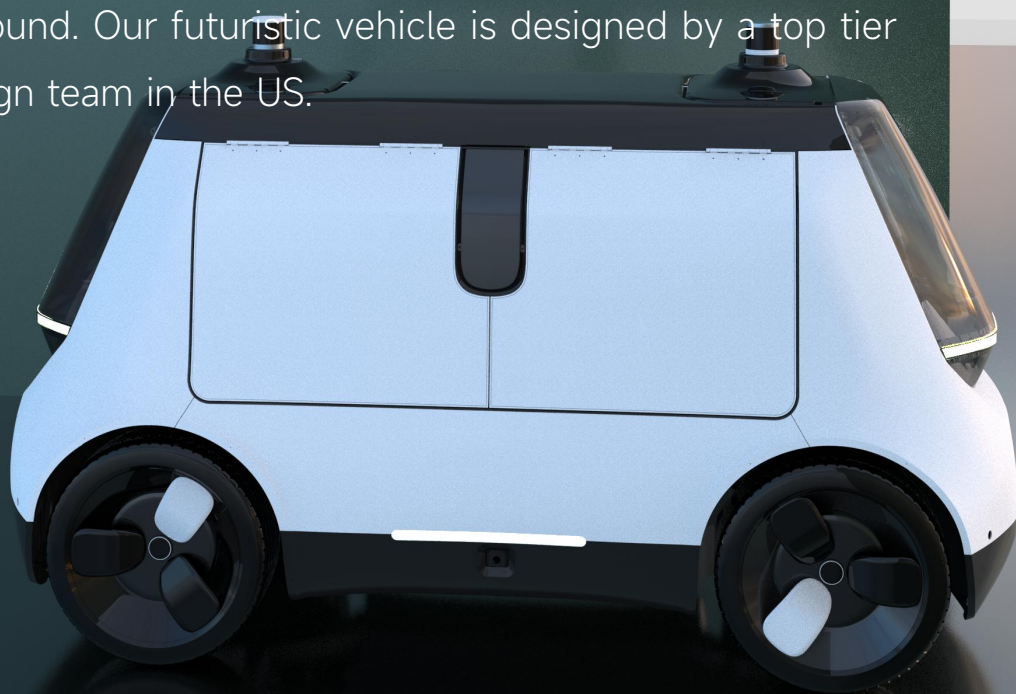
**Multi-purpose
Autonomous Vehicle
WD II**



Product Overview

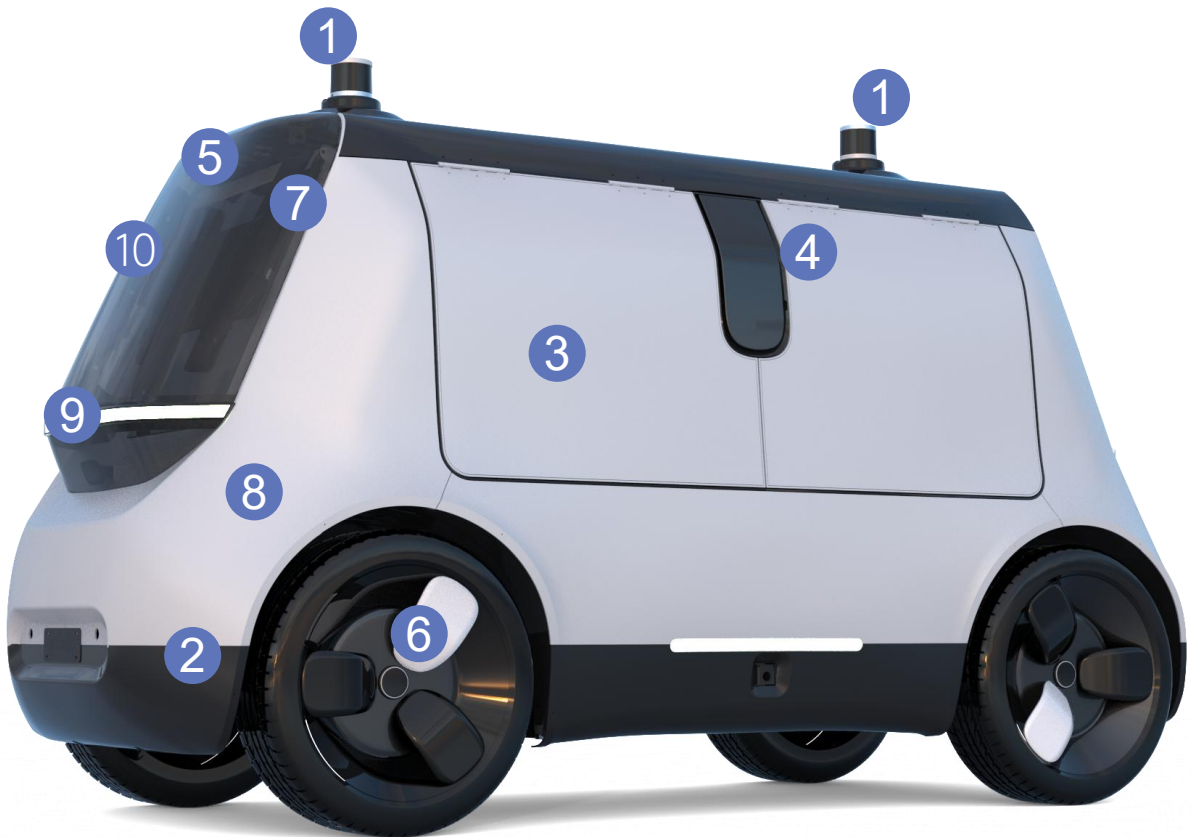
Whale Dynamic's multi-purpose autonomous vehicles rely on years of development experience in L4 passenger vehicle autonomy with years of testing and validation on public roads. It is empowered by our full-stack autonomous driving technologies including perception hardware design, control-by-wire chassis, fusion perception algorithms, MSF localization and high-definition map.

The modular design from hardware to chassis combines aesthetics and practicality to meet the needs of autonomous vehicles in multiple application scenarios, including autonomous retail, delivery, security, and the beyond. Our futuristic vehicle is designed by a top tier design team in the US.



Hardware Components

- ① LiDAR
- ② Ultrasonic Radar
- ③ Curbside Delivery Doors
- ④ Screen
- ⑤ Long-range/
Ultra-wide View/
Short-range Camera
- ⑥ In-Wheel Motor
- ⑦ Fusion Box
- ⑧ High-Performance Computing Unit
- ⑨ Pedestrian Buzzer
- ⑩ HMI



Multiple Application Scenarios

Autonomous Retail Vehicle

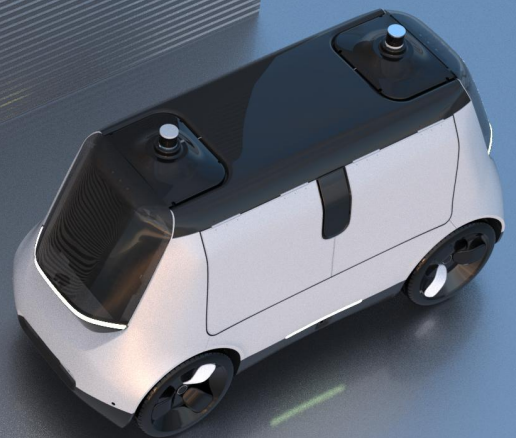
- Inventory Management
- Mobile-end operation
- Curbside Door
- Mobile Payment

Autonomous Delivery Vehicle

- Parcel Management
- Mobile-end operation
- Platform Management
- Appointment Service

Autonomous Security Vehicle

- Mobile Monitoring
- Stationary Patrol
- Emergency Alert
- Voice Interaction





**Autonomous
Retail Vehicle**



**Autonomous
Delivery Vehicle**

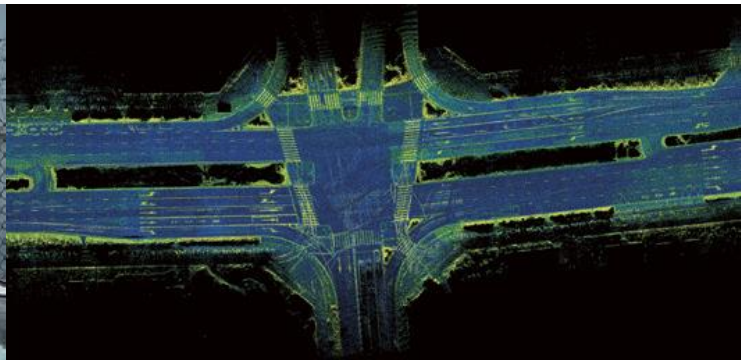


**Autonomous
Security Vehicle**

Core Technologies



Early-stage Fusion Hardware



HD Map



Proprietary MSF Perception



Passenger Vehicle P&C

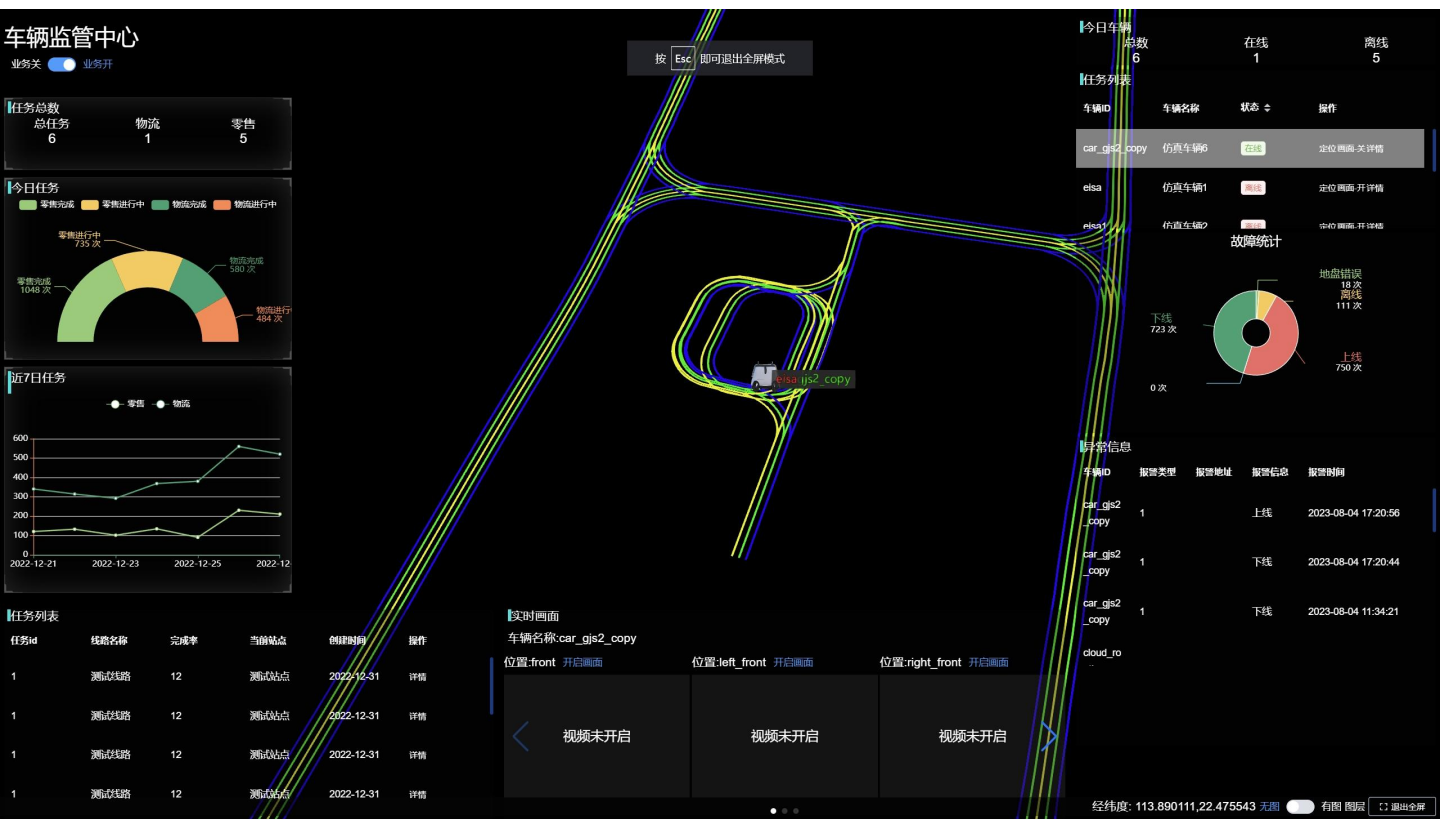
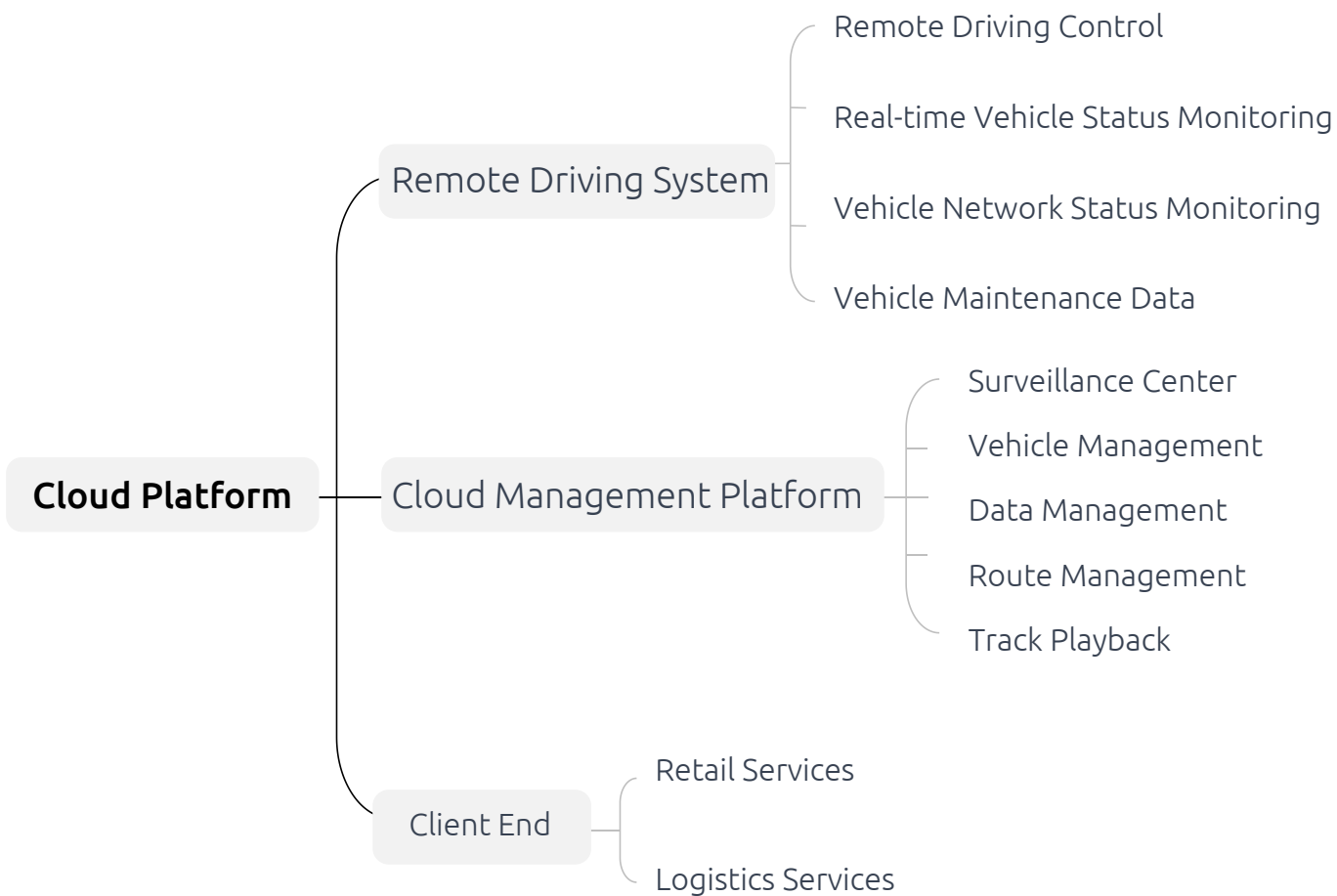


Control-by-wire Chassis



MSF Localization

Autonomous Vehicle Cloud Platform



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