

# 科絡達在 #SDV Software-Defined Vehicle 的核心位置

Whole Car ECUs OTA  
整車OTA更新 **01**

Security  
安全 **02**

Remote Diagnosis  
遠程診斷 **03**

Smart Cockpit  
智慧座艙軟體開發 **04**

※包含乘用車、商用車、低速車

Generative AI Video Telematics  
生成式AI影像車隊管理 **05**

Autonomous Driving Simulation  
自動駕駛擬真模擬 **06**

- 控制更新：智慧駕駛艙、自動駕駛、電池管理、地圖、NOA

- 雲端VSOC、車端IDPS、控制器HSM/PUF

- 黑屏、胎壓、電池過熱、電池超充、預警、電壓過低、域控制器異常Crash、內存DRAM/RAM診斷防止Crash卡頓

- 汽車OS+中間件+上層APP/HMI (CarPlay/Android Auto)

- 汽車訂閱平台：跑車音效、氛圍燈、遠光燈自動、背景廣告置入、鈴聲音效信號燈、遠程APP診斷、自動泊車、自動駕駛L3、車內卡拉OK、音樂、Podcast、Gaming、加熱座椅、充電停車綁訂優惠、AI大模型APP語音服務

- TMS：調度派遣、智慧路徑

- FMS：車隊路徑追蹤

- DMS：司機駕駛行為/疲勞駕駛

- VMS：影像管理DVR

- RCS：遠程監控告警

- 自動駕駛仿真、模擬、驗證、路測

- OTA仿真測試

汽車IP授權

安全IP授權

診斷IP授權

工程服務

軟件SaaS訂閱

年費訂閱+硬體租賃

# Carota's Position in #SDV Software-Defined Vehicle

**Whole Car ECUs OTA** 01

**Security** 02

**Remote Diagnosis** 03

**Smart Cockpit Software Development** 04

※Incl. Passenger / Commercial Vehicle, and LSAV

**Generative AI Video Telematics Fleet Management** 05

**Autonomous Driving Simulation** 06

- Control Updates: Smart cockpit, autonomous driving, battery management, maps, NOA (Navigate on Autopilot)

- Cloud VSOC, In-car IDPS, Controller HSM/PUF

- Black Screen, Tire Pressure, Battery Overheating, Battery Overcharge, Warning, Low Voltage, Domain Controller Crash, Memory DRAM/RAM Diagnostics to Prevent Crashes and Freezing

- Auto OS+Middleware + Upper Layer APP/HMI (CarPlay/Android Auto)
- In-car Subscription Platform: sports car sound, ambient lighting, auto high beams, ad placements, ringtone signals, remote diagnostics, auto parking, L3 driving, in-car karaoke, music, podcasts, gaming, heated seats, charging/parking bundles, AI voice service.

- TMS: Dispatch and Smart Routing
- FMS: Fleet tracking
- DMS: Driver Behavior/ Fatigue Monitoring
- VMS: Video Management DVR
- RCS: Remote Monitoring and Alerts

- Autonomous Driving: Simulation, Modeling, Validation, On-road testing
- Testing OTA: Simulation and Testing

*Automotive IP Licensing*

*Security IP Licensing*

*Diagnosis IP Licensing*

**Engineering Service**

**SaaS Subscription**

**Annual Plan + Hardware Leasing**