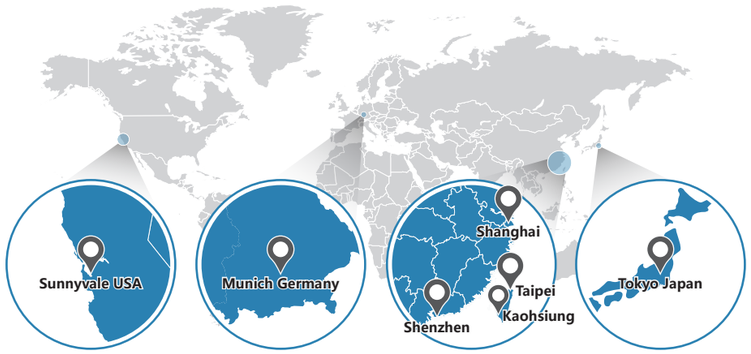
Founded in 2017, Carota leads the global market with patented OTA (Over-The-Air) technology, revolutionizing the concept of "Software-defined Vehicles." Spanning across the cloud services of global connected-cars and IoTs, we cater to vehicle manufacturers, OEMs, and the aftermarket, servicing various vehicle types including passenger cars, commercial trucks, low-speed automated vehicles, and motorcycles.

As the sole cloud service provider offering comprehensive coverage for the entire vehicle lifecycle, Carota is committed to delivering safe and reliable services to the automotive industry worldwide. Our offerings encompass OTA updates for multiple ECUs, software subscriptions, remote diagnostics, OTA testing equipment, intelligent imaging fleet management, and smart cockpits. With over 320 million smart devices, millions of vehicles, and tens of millions of automotive electronic control units (ECUs) covered, Carota ensures unparalleled service quality.

Initiating from OTA updates, Carota is building a global automotive software ecosystem. Headquartered in Taiwan, with a clientele spanning across more than 20 countries and regions. We have forged partnerships with global chip leaders, module manufacturers, cloud server providers, and leading telecom operators in Japan, Korea, Southeast Asia, and Europe.

Global Distribution



Certificates

Partners

carota

SAFTY | EFFICIENCY | AGILITY

Carota SDV Solution Map

#SoftwareDefinedVehicles

Taipei

Room 1608, 16F., No.144, Sec. 3, Minquan E. Rd.,
Songshan Dist., Taipei City 105, Taiwan

T 886-2-2712-0896
F 886-2-2712-0895
E sales@carota.ai

USA

440 N. Wolfe Rd.,
Sunnyvale CA 94085 USA

Germany

Emmy-Noether-Ring 18
c./o. Accelerator Community
Unterschleißheim GmbH
Unterschleissheim,
85716 Germany

carota.ai

@Carotacorp @carota @carotacorp

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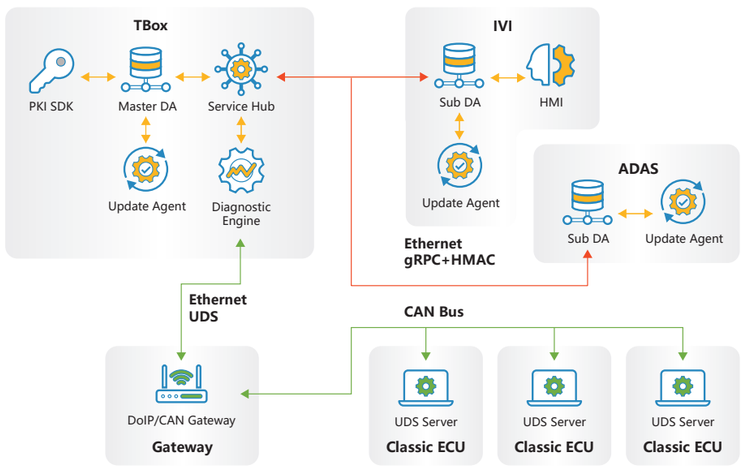
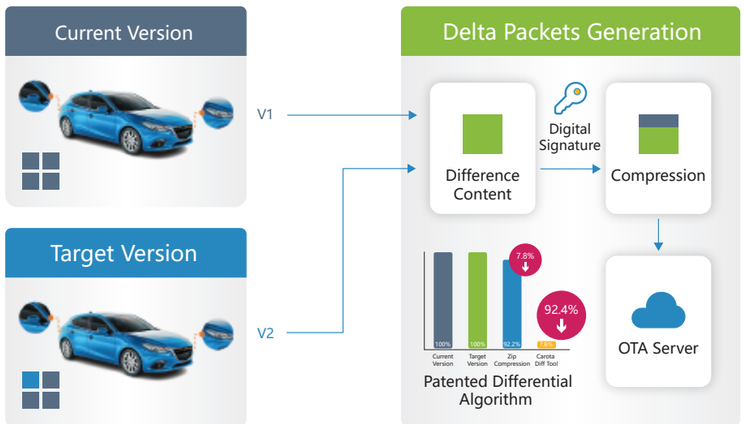
Simple Connect
Simple Life

OTA System Architecture



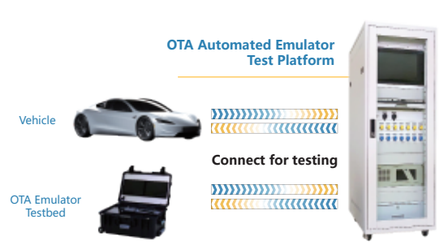
Patented Differential Algorithm



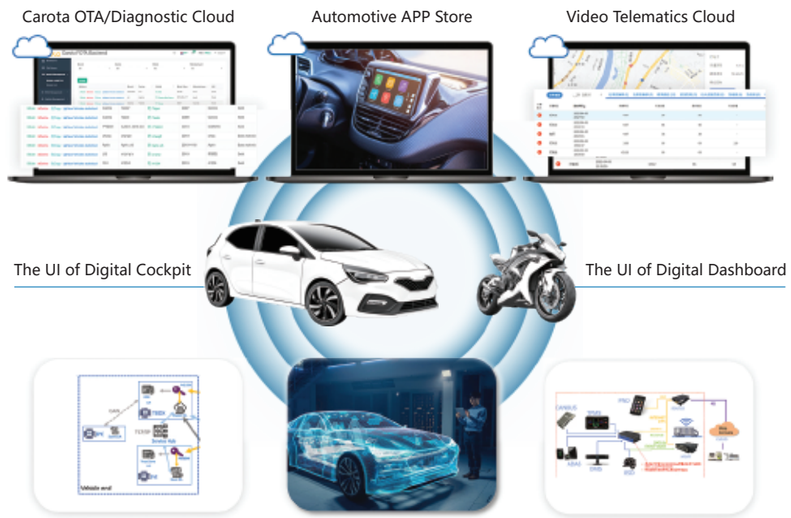
OTA Update Testing Solution

Support Items

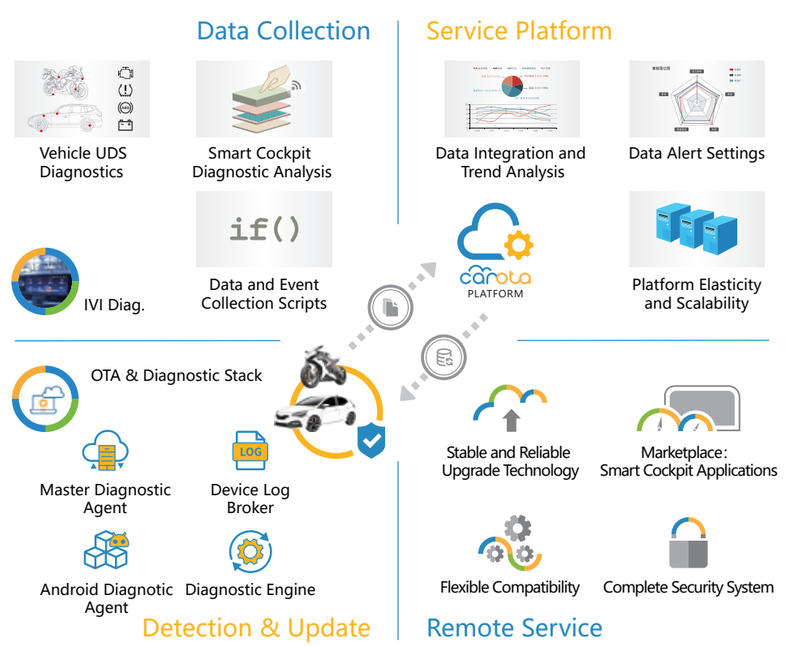
- OTA Program Flow Simulation
- Abnormal Scenario Simulation
- OTA Controller Update ECU Simulation
- OTA Target Update ECU Simulation
- Stress Update Tests
- Update Package Analysis
- Protocol Analysis



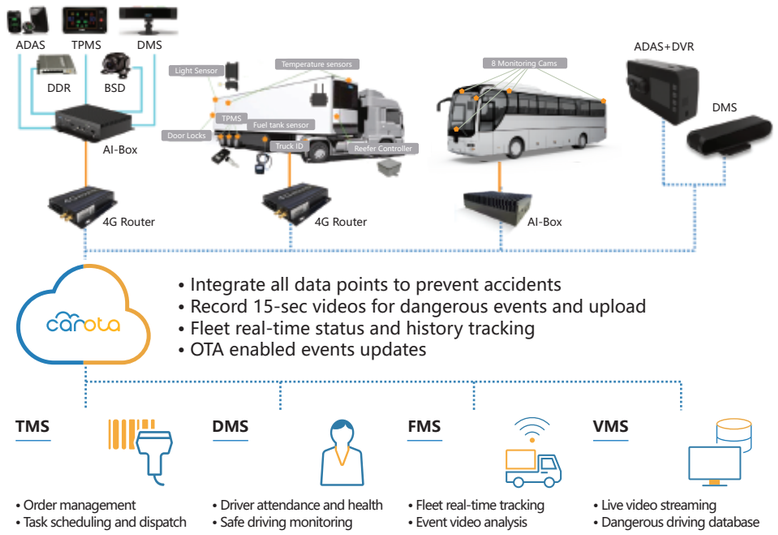
Carota Cloud Operations Center



Carota Smart Transportation Ecosystem

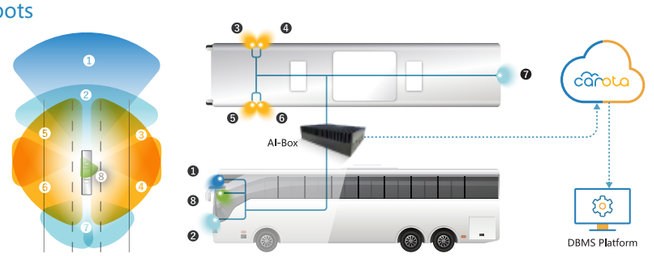


The Solution-Ready Platform for Fleet Owners



Integrated Solution for Pro-action and Prevention

Comprehensive Monitoring of All Blind Spots



Supported Hardware

Unpowered Container Management