Sonatus Foundation

Build a flexible vehicle software architecture that evolves
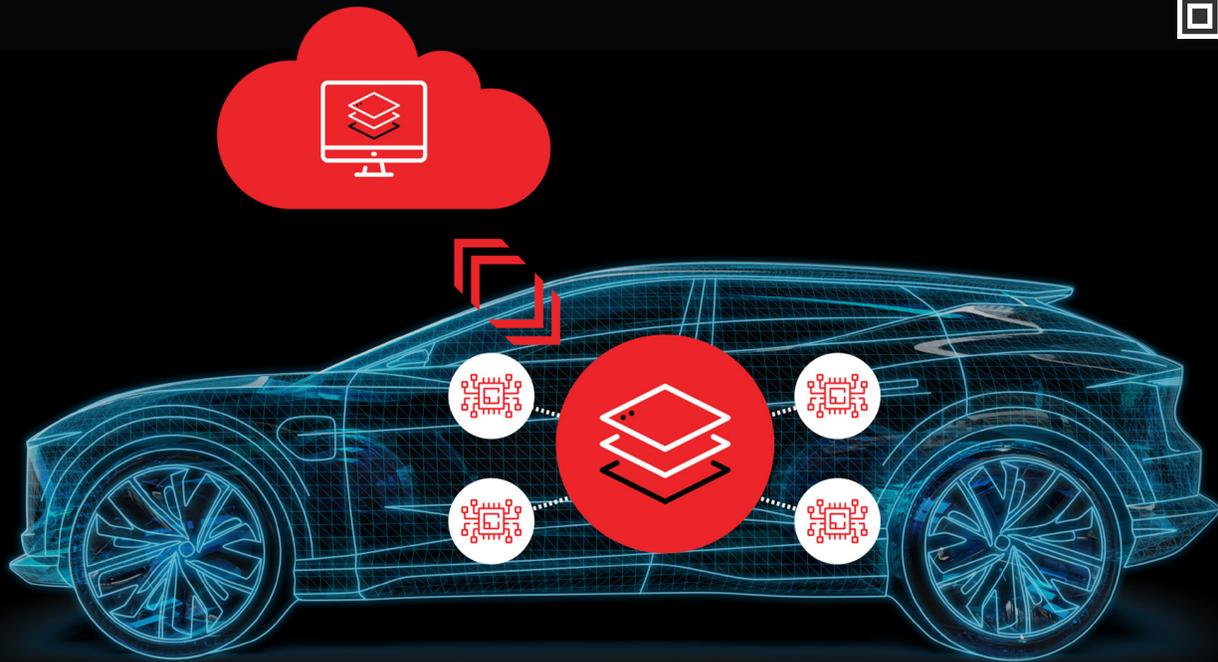
Market-proven product that enables continuous and rapid innovation.

Architect software infrastructures for today and beyond

Sonatus Foundation provides key building blocks for a dynamic vehicle software infrastructure that supports ongoing innovations throughout its lifespan.

Accelerate time-to-market

Market-ready and modular product is designed to adapt portably to your specific E/E architecture, allowing you to focus on differentiating features and applications.

Reduce total ownership cost

Achieve full control over in-vehicle software infrastructure through configuration policies that can be applied at any time, reducing development and update costs.
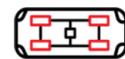
Future-proof architecture

Flexible to meet your current and future vehicle infra-structure requirements including zonal and central computing architectures.

Sonatus Foundation features

Foundational building blocks to help accelerate the transition to a software-defined vehicle architecture.

Sonatus Foundation

Foundation Cloud
Infrastructure Management

Foundation Service

Network Services
Network Configuration and Management

Data Services
Data and Log Management

Application Services
Container and SOA Management

Security Services
Intrusion Detection and Prevention
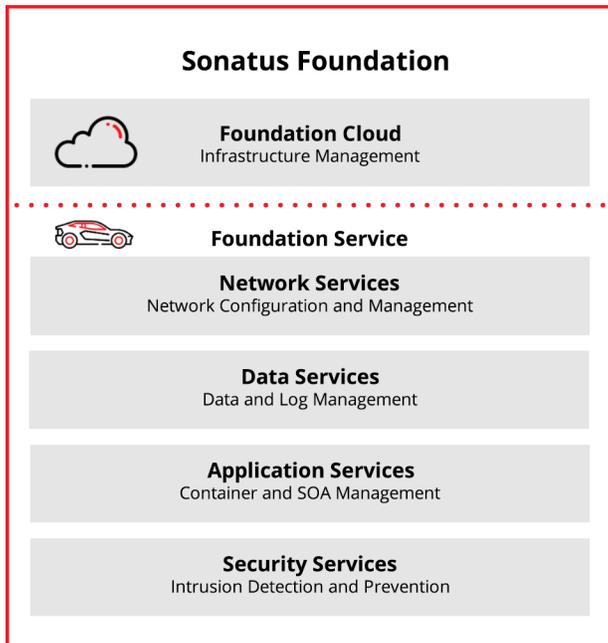
Network services
- Ethernet Network Manager
- CAN-Ethernet Gateway
- Vehicle-to-Cloud Communications Service
- Diagnostics Manager

Application services
- SOA Management Service
- Container Management Service

Data services
- Network Shared Storage
- Log Analysis Service
- Dynamic DBC

Security services
- CAN Intrusion Detection
- Ethernet Instrusion Detection
- ECU Monitoring Agent

Partners

NXP   FOXCONN   MARVELL   SK hynix

ST   REALTEK   Micron

Standards Supported

UN R155 UN R156   GDPR COMPLIANT   AUTOMOTIVE GRADE LINUX   AUTOSAR   SOAFEE   ASAM Member