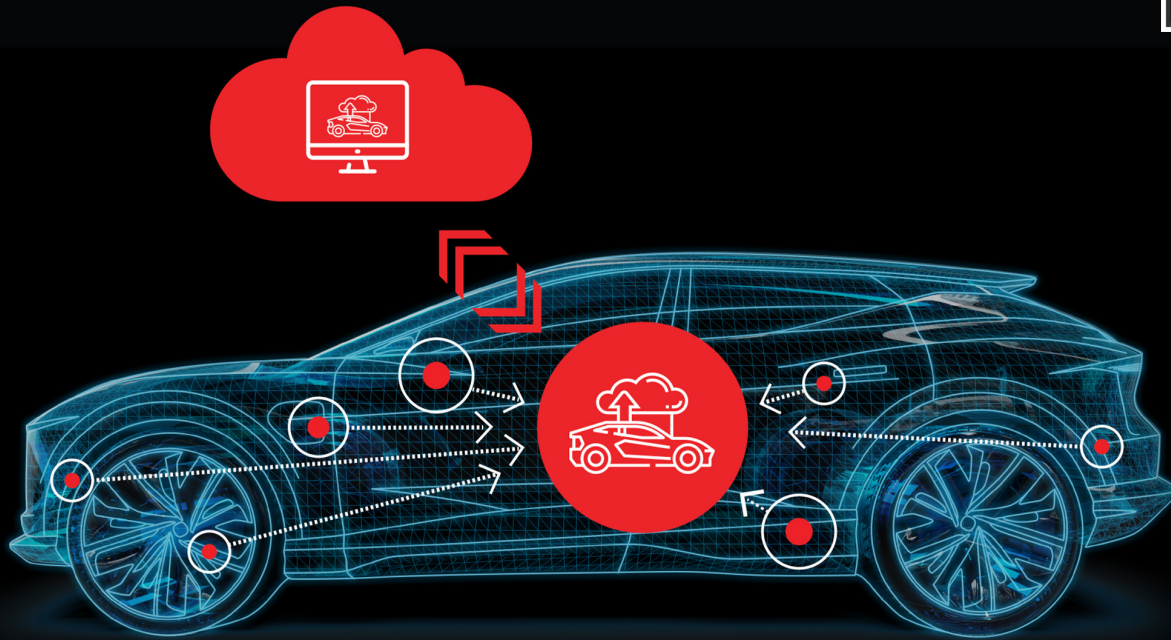# Sonatus Collector
Drive continuous vehicle innovation with data

Maximize the value of connected vehicle data.

Gather precise data in real-time with lightweight policies

Improve vehicle quality and customer experience throughout the lifetime of vehicles using dynamically collected data.

Collect data dynamically

Data collection policies can be applied in real time throughout the vehicle lifecycle, from pre-production to post-sales and even while the vehicle is in use. No code changes or heavy OTA updates required.

Leverage data cost-effectively

Optimize data collection without software updates using targeted, lightweight policies that reduce data upload and processing costs.

Support diverse use cases

Support a wide range of data-driven applications to enhance customer experience, improve vehicle quality and safety, and add new revenue sources.

Sonatus Collector features

Rich and precise data collection at any stage of vehicle lifecycle, regardless of E/E architecture and hardware.

Collect data dynamically
- Create and deploy lightweight policies from the cloud
- Manage campaigns across millions of vehicles
- Adjust collection scope, duration, and resolution
- Support multiple user groups simultaneously
- Utilize multiple storage and transmission modes

Access any vehicle data
- CAN signals
- Log files
- Media captures
- Network statistics

Trigger data collection precisely
- CAN/Ethernet signals, ECU events
- Vehicle ignition status
- Location/geofence
- Schedules, time-of-day, day-of-week
- External API calls and events

Data security and privacy
- Role Based Access Control
- Data encrypted at rest
- Transmission secured using TLS
- GDPR compliant

Powering Data-driven Innovation

Read how a major global OEM is leveraging Sonatus Collector to use data in real-time to improve the car ownership experience.

Sonatus.com/HyundaiCaseStudy

In production since 2020. Dozens of models and millions of vehicles on the road by the end of 2024

Standards Supported

Sonatus Collector

Collector Cloud
Data Collection & Policy Management

Collector Service

DPM Dynamic Policy Manager

Data Transmission

Data Security

Data Capture and Storage | Trigger Evaluation Engine

Data Processing Engine

Data Receiver
CAN | Ethernet | Diag | Location | File | Media | Event