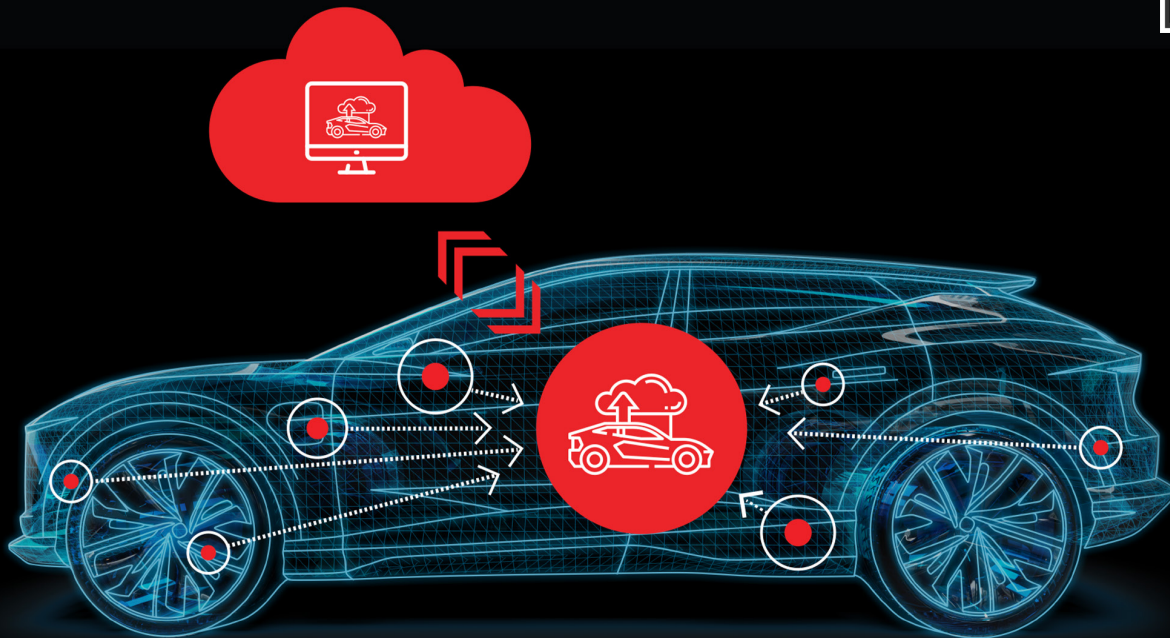# Sonatus Collector
## Drive continuous vehicle innovation with data



**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*

HYUNDAI       KIA       GENESIS

**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 |

## Standards Supported

COVESA       GDPR COMPLIANT       AUTOMOTIVE GRADE LINUX       AUTOSAR       ASAM Member