

# SECURE VEHICLE INTERFACE (SVI)

## The Problem

Direct access to vehicle data is under threat by vehicle manufacturers.

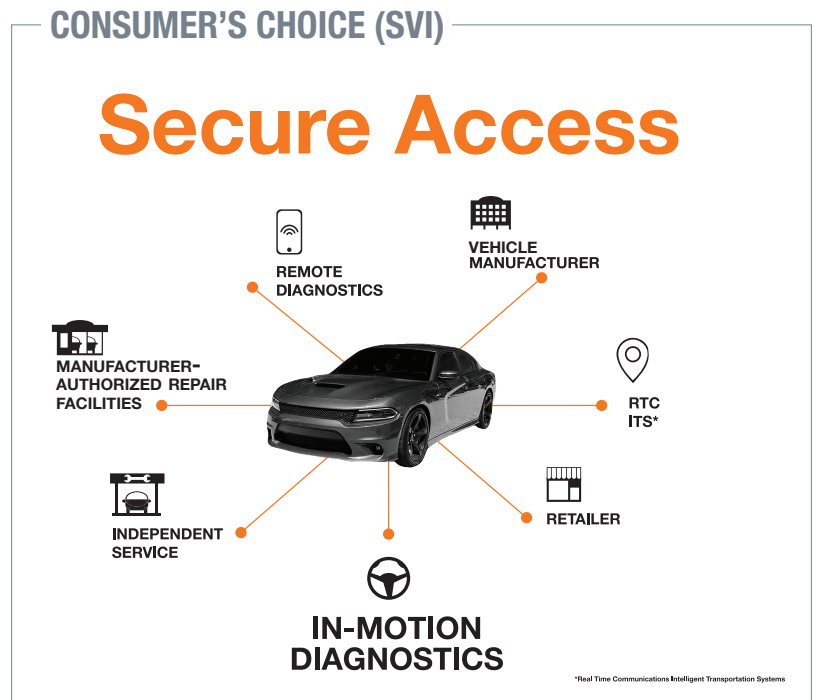
Most vehicles today generate real-time data that is generated through various sensors, telematics connections and roadside infrastructure, and sent directly to vehicle manufacturers.

This makes them data gatekeepers, giving them full control over:

- who has access;
- how the data is accessed; and
- how much access costs.

This data includes diagnostics, but also pertains to:

- repair and maintenance information;
- driver behavior data; and
- GPS location.



## The Solution

SVI is a part of a globally recognized technical design framework for Intelligent Transportation Systems. It enables solutions consumers can use to directly access their vehicle data, as well as directs the data to the service provider of their choice.

## Why is SVI the Solution?

SVI design fundamentals can be implemented in both new car architectures, and serve as a retrofit solution for legacy vehicles. SVI:

Secures Intelligent Transportation Systems message communication

INTELLIGENT  
TRANSPORTATION  
SYSTEM

Provides direct access to vehicle data



Puts vehicle owners at the center of control and access to their vehicle data



Ensures safe, secure, standardized and direct access to vehicle data



SVI solutions provide security, privacy, choice and safety, leveling the playing field through secure and standardized data access for all stakeholders in the marketplace. It enables 21st century solutions that integrate safely and securely with the global Intelligent Transportation System infrastructure, where vehicles can “talk” to traffic management systems, emergency vehicles, authorized handheld devices and even other vehicles.

## Which Organizations Support SVI?



International Organization  
for Standardization



Institute of Electrical and  
Electronics Engineers



Society of  
Automotive Engineers



European Committee  
for Standardization

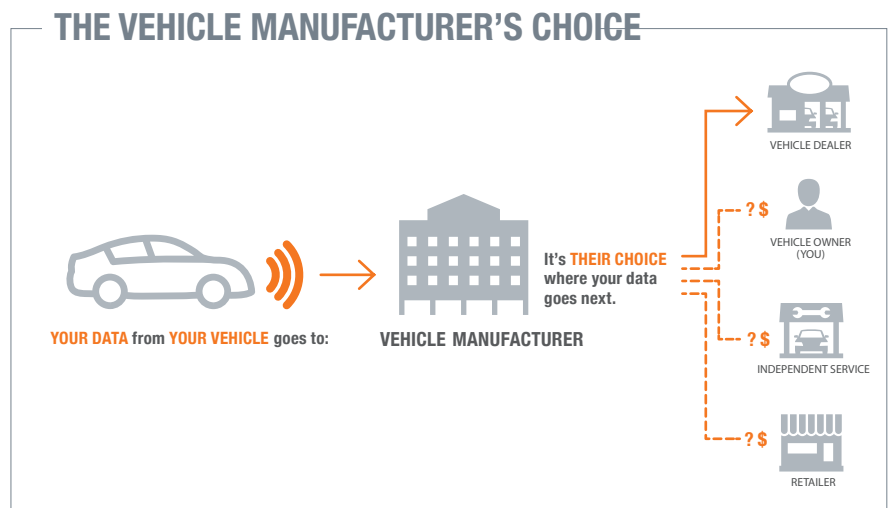
## How Does SVI Compare to Other Industry Initiatives?

### EXTENDED VEHICLE (ExVe)

Provides access to data, but keeps vehicle manufacturer in control over collection and distribution.

### OTHER INITIATIVES

SVI enables marketplace solutions such as Caruso, Open Telematics Port (OTP) and many others by providing a standardized foundation upon which data aggregation platforms can be built and operated.



## SVI Can Be the Foundation to Data Aggregation

SVI is the validated and standardized foundation upon which other platforms can operate. It eliminates the reliance on vehicle manufacturers for data and permitting car owners to have direct access to and control of their vehicle information.

### DEMAND DIRECT ACCESS AND CONTROL

For more information on the automotive aftermarket's role in vehicle data, visit: [autocare.org/telematics](https://autocare.org/telematics).