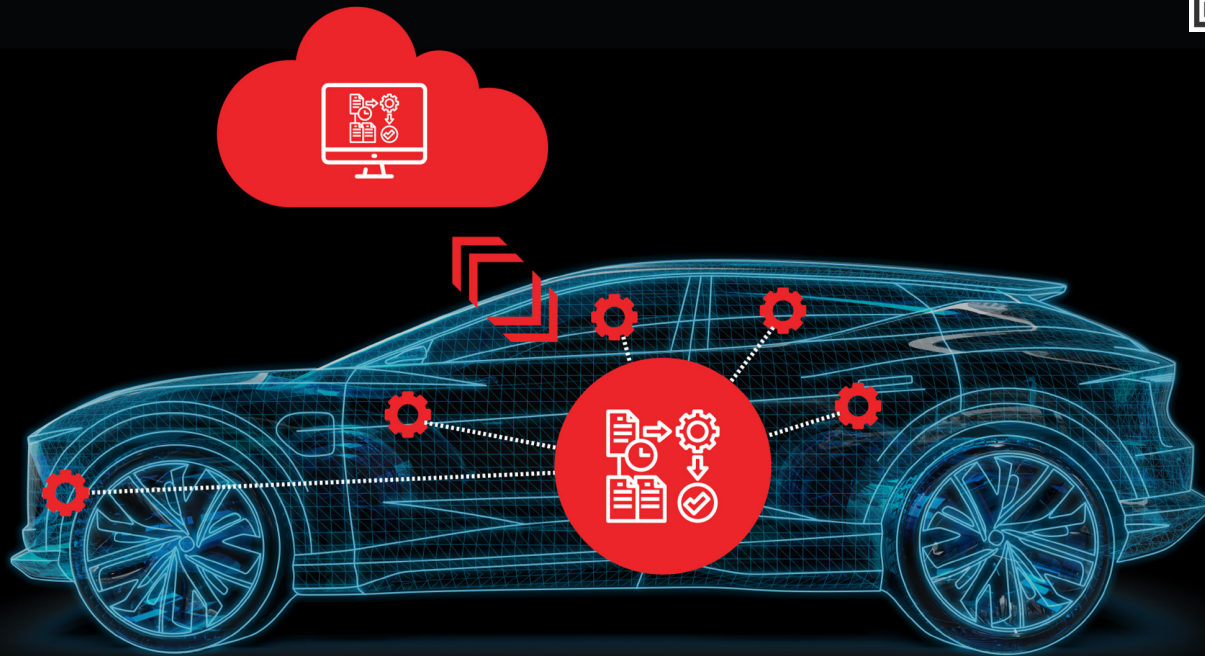# Sonatus Automator
Innovate throughout the vehicle lifecycle

Enhance and improve vehicle quality and driving experience throughout the vehicle lifecycle.

Accelerate innovation without software development

Sonatus Automator lets automotive companies use automation recipes to instantly create new vehicle functions, and streamline vehicle testing and diagnostics.

Innovate continuously

Use an orchestration framework to create event-triggered workflows that can be deployed to add new features, run test and diagnostic routines, and more.

Speed up time-to-market

Prototype new features instantly to accelerate product cycles and perform automated end-of-line self-tests to get to market faster.

Reduce development costs

Minimize code development and validation costs, while ensuring safe use of automation through role-based access control.

Sonatus Automator features

Combine a rich set of triggers and actions into sophisticated workflow recipes and deploy them instantly to create new vehicle experiences, or streamline testing and diagnostics processes.

Instantly automate vehicle functions

- Role Based Access Control for security and safety
- Intuitive cloud console for instant recipe creation
- Full set of APIs for 3rd party integration
- Deploy with rich filters to target specific vehicles
- Lightweight workflow recipes in kilobytes
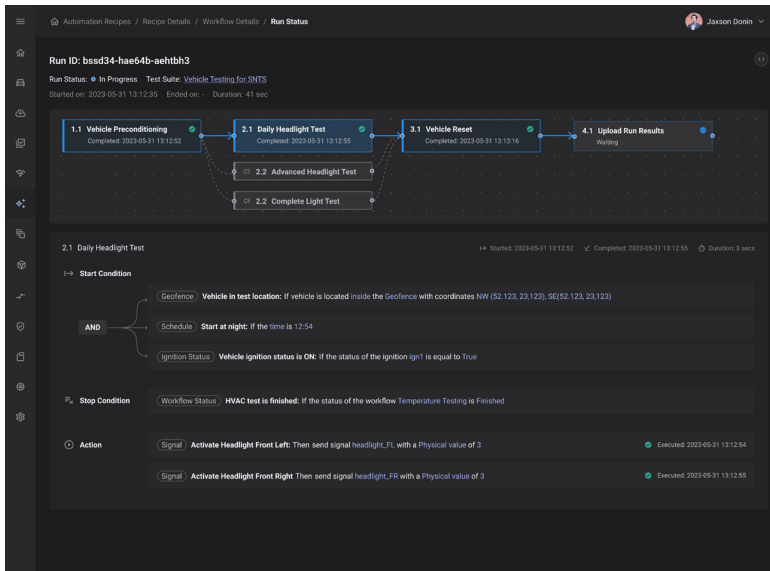
Trigger workflows from diverse events

- Flexible combination of triggers
- CAN and Ethernet signals including DTCs
- ECU events
- Vehicle Ignition Status
- Location, Geofence, Schedule
- External API calls and events

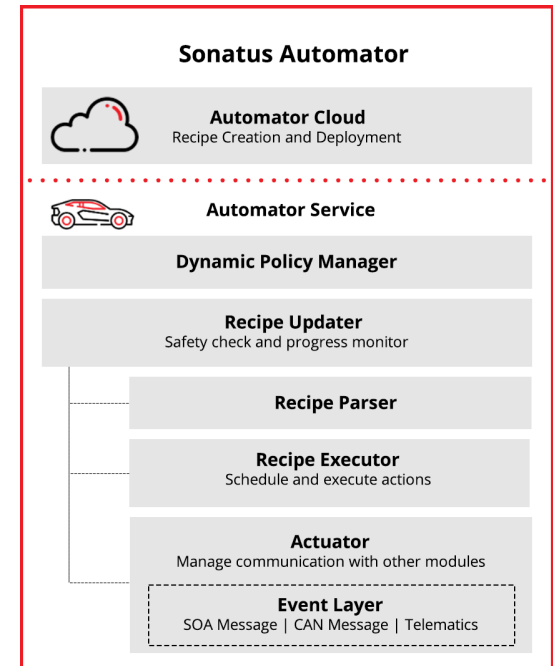### Create sophisticated workflows

- Multi-stage workflows
- Pipeline, tree and state machine based
- Sequential or parallel processing
- Flexibility to support diverse use cases
- Workflow execution tracking

Automate a wide variety of actions

- Actuate one or more vehicle functions
- Update ECU parameters
- Execute diagnostics and test routines
- Apply cybersecurity mitigation policies
- APIs to 3rd party applications
- SMS alerts

Automation recipe creation using Automator Cloud Console

Standards Supported