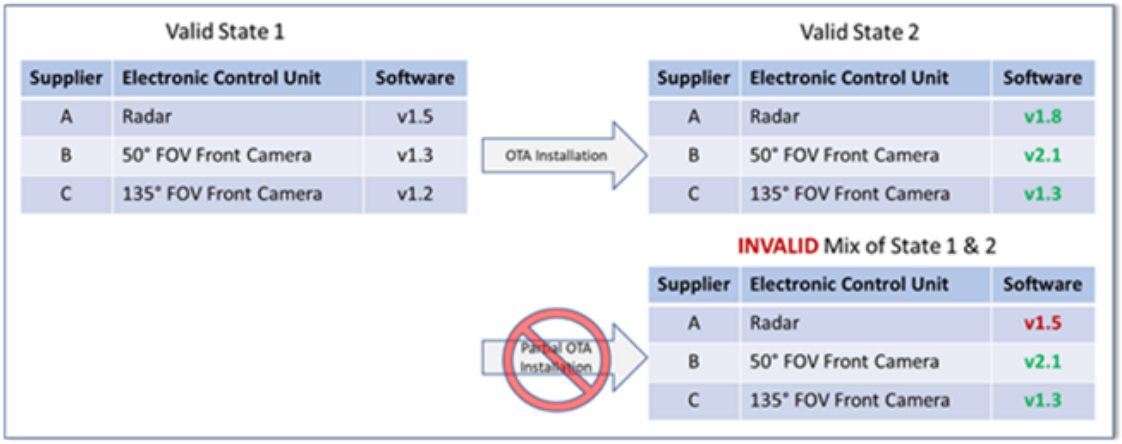
AUTOMOTIVE SAFETY FEATURE

Keeping Cars Safe with OTA Updates

OEMs typically spend a lot of time and resources on quality assurance and testing to ensure that a given configuration of multiple devices will perform correctly.

When an OTA update is required, it is necessary to maintain full coherency of the system configuration. This means it is necessary to move from one known, tested, and fully verified state, to the next. It is not acceptable to end up with a mixed configuration with various devices in alternative states, as this would never pass the test.
Read more



AUTOMOTIVE DEVELOPMENT TOOLS NEWS

Siemens and Arm Partner to Redefine Design Capabilities for Complex Electronic Systems

The collaboration will leverage Arm automotive IP and software within Siemens? PAVE360 digital twin environment to allow automakers and suppliers to develop and validate differentiated safety enabled systems, ICs, and software solutions.
Read more

AUTOMOTIVE MARKET NEWS

Frost & Sullivan Analyzes the Evolution of 3rd, 4th, and 5th Dimensions of Travel

Frost & Sullivan?s recent analysis, Evolution of 3rd, 4th, and 5th Dimensions of

Travel, reveals that the transportation landscape across the globe should expect a revolution in the next decade with the evolution of 3rd, 4th, and 5th dimensions of travel.
Read more

AUTOMOTIVE LOCATION & POSITIONING NEWS

ACEINNA Launches 1.3?/hr IMU Sensor

This module is factory-calibrated over the -40C to +85C industrial temperature range for performance through extreme operating environments for a variety of applications including automotive ADAS, autonomous systems, drones, robotics, agricultural, construction, and other industrial machines.
Read more

AUTOMOTIVE SENSORS NEWS

OmniVision Unveils Automotive Wafer-Level Camera Module

OmniVision Technologies announced the OVM9284 CameraCubeChip module. According to the company, it is the world?s first automotive-grade, wafer-level camera.
Read more

WEBCAST

ADAS, AI, and Advancing the Autonomous Vehicle

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Date: **June 9, 11:00 a.m. ET**
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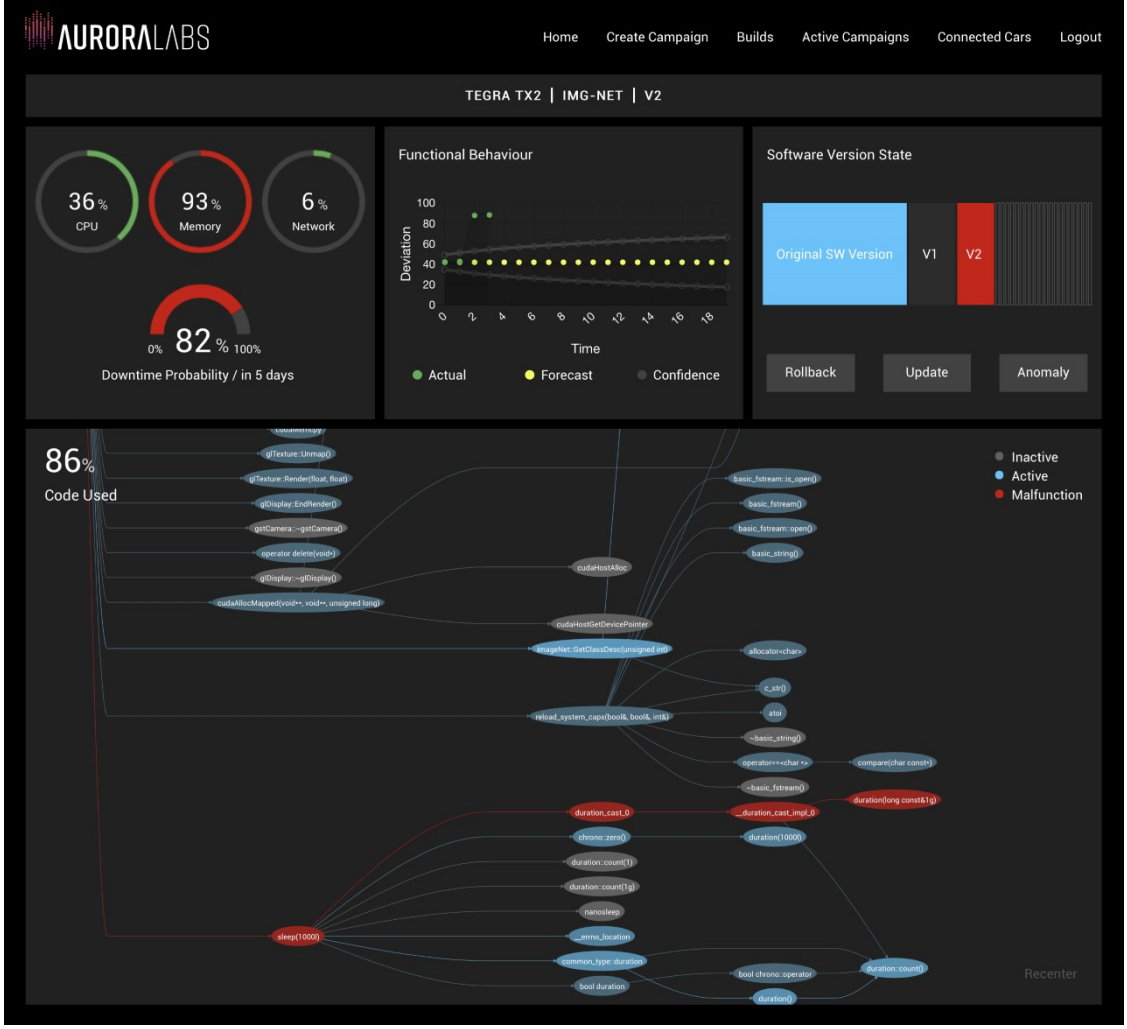
AUTOMOTIVE SAFETY CERTIFICATION FEATURE

Automotive Safety and Security Requires Certification Reformation

Vehicle certification is not new; however, it is becoming more complex as the amount of in-vehicle software increases. The certification guidelines in all regions will need to mirror the changing makeup of the vehicle and recognize that a deep understanding of software behavior is required for comprehensive certification to be achieved for the lifecycle of the car.
Read more



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