

PEACH FUZZER™

AUTOMOTIVE INDUSTRY

Peach Tech offers automated security testing solutions that discover unknown vulnerabilities in the hardware and software of today's increasingly connected cars. Our versatile, scalable, and easy-to-use testing platforms find bugs that lead to zero-day attacks. Automotive manufacturers leverage **Peach Fuzzer** and Peach API Security to test for vulnerabilities in the electronic control units and internet-enabled devices in every new automobile.

Concerns

- Electronic control units (ECUs) are critical to automobiles, controlling increasingly complex systems
- Exploits of previously undetected flaws in ECUs could potentially lead to deadly zero-day attacks
- Connected systems like infotainment, WiFi, and navigation increase the exposed attack surface
- Updating automotive embedded devices or upgrading a deployed solution is cost prohibitive and brand damaging

Peach Tech Solutions

Peach Fuzzer supports the Automotive Industry with the following solutions:

Peach API Security – Automates security testing of the APIs used in automobiles

Peach Fuzzer for Automotive Industry – Features a publisher allowing testers to interface with a CANbus network

Peach Fuzzer for Custom Protocols – Can be extended to test proprietary automotive manufacturer's protocols, typically sent over a CANbus network

Peach Fuzzer for Media – Testing solution for BMP, GIF, ICO, JPEG, PNG, and AVI formats commonly used in infotainment systems

Benefits



Automated security testing for automotive web APIs

Tests APIs used by automobiles against the OWASP Top-10. Vehicle health, entertainment, and routing are services that commonly use web APIs



Out-of-the-box support for CANbus networks

Standard out-of-the-box support to interface with CANbus networks. Allows organizations to test their manufacturer-specific communications protocols to communicate with ECUs that have been used to exploit critical vehicle systems



Security testing of custom and proprietary protocols

Peach Fuzzer enables manufacturers to test custom and proprietary protocols at scale