

THE EXPANDED ROLE OF SOFTWARE IN CONNECTED AND AUTONOMOUS CARS

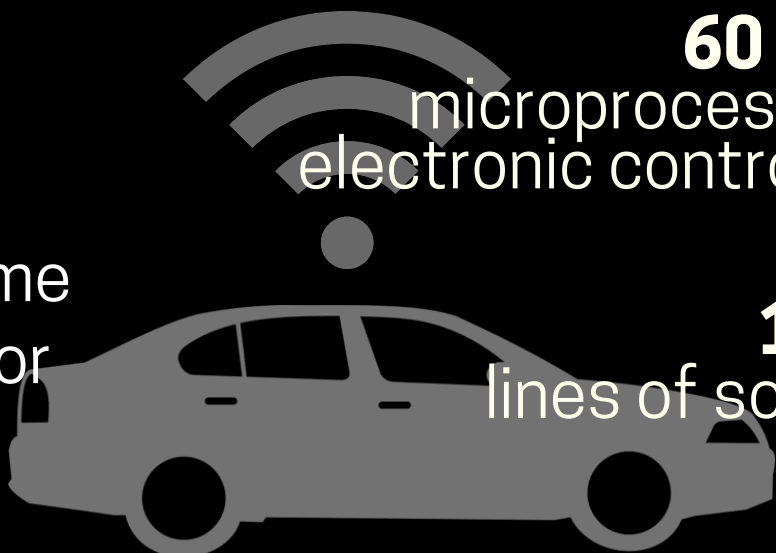
Found in: 240+ vehicle models in over 60M cars

BlackBerry QNX software enables automakers to deliver the most reliable and secure connected and autonomous cars.

TREND

Cars Today:

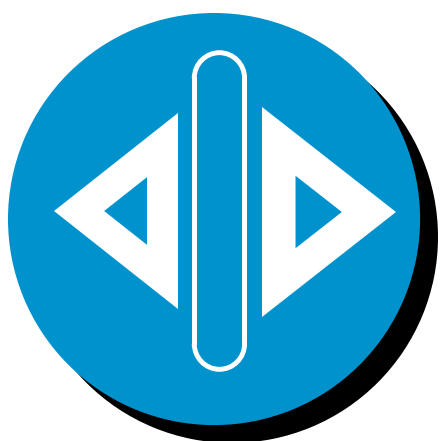
Software will become the differentiator for connected and autonomous cars.



60 to 100 microprocessors or electronic control units

100M+ lines of software

SOLUTIONS



1.75% Overhead

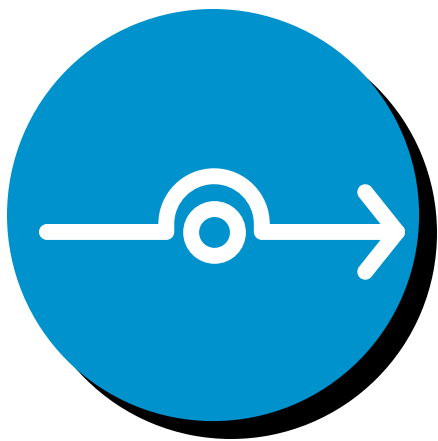
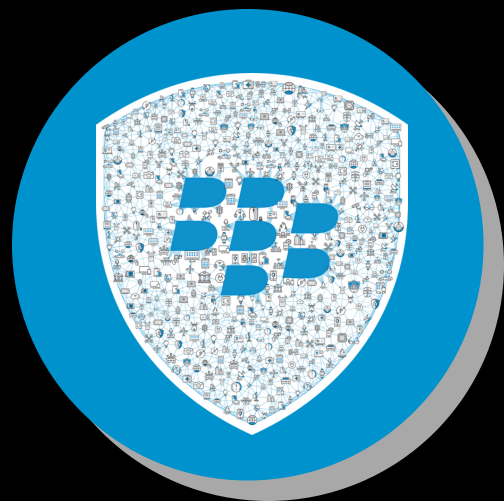
VIRTUALIZATION

Automakers are increasingly looking to consolidate ECUs to reduce costs. Domain controllers can run a safety-certified QNX hypervisor and consolidate and isolate multiple functions on a single piece of silicon.

SAFETY & SECURITY

The BlackBerry QNX Operating System is ISO 26262 ASIL D certified and the toolchain has been qualified to be compliant with TCL3 requirements according to ISO 26262.

BlackBerry offers multi-layered end-to-end security technologies to protect connected cars from external hacking threats.



According to an IHS Automotive report, total worldwide OEM cost savings from OTA software will reach \$35 billion by 2022.

OVER-THE-AIR SOFTWARE UPDATES

The BlackBerry secure over-the-air (OTA) Software Update Management Service enables the secure delivery of firmware, applications, and content to manage automotive software over its lifecycle.

The solution is built on trust - 15 years in over 100 countries and across 500+ carriers.

END-TO-END SOFTWARE

BlackBerry QNX offers an unparalleled total software solution - an end-to-end software platform for the connected and autonomous car.

Telematics Acoustics Domain Controllers OTA Vehicle Network Security
 Infotainment Instrument Clusters ADAS/Safety High Performance Compute Nodes Secure Lifecycle Management Autonomous Drive



BlackBerry | **QNX**

Secure. Reliable. Trusted