FOUNDATIONAL SOFTWARE SOLUTIONS FOR THE MODERN VEHICLE

290+
Automotive programs

Design wins in **24** OUT OF THE TOP **25** electric vehicle OEMs

9 OUT OF THE TOP **10** OEMs use BlackBerry QNX technology

215+
million vehicles on the road today

#1
Automotive Embedded OS

7 OUT OF THE TOP **7** Tier 1 suppliers use BlackBerry QNX

BlackBerry QNX eases the challenges of building ISO 26262 compliant automotive systems through its solutions

BLACKBERRY QNX

FUNCTIONAL SAFETY SOLUTIONS

OPERATING SYSTEM	VEHICLE INSTRUMENT CLUSTERS	ADVANCED DRIVER ASSISTANCE	HYPERVISOR	SYSTEM SAFETY DETECTION
Provides a reliable RTOS foundation that is pre-certified to the highest level of ISO 26262 - ASIL D	Delivers an ISO 26262 ASIL B pre-certified graphics solution	Provides a foundation on which to build safe and reliable autonomous driving software	Isolates safety-critical systems from non-safety critical systemas	A fault tolerant technique to address hardware and software errors in safety-critical systems

BlackBerry QNX's safety solutions mitigate risk of non-compliance and reduce development and certification costs.

QNX OFFERS SAFETY-CERTIFIED AND SECURE SOFTWARE SOLUTIONS TO BUILD AUTOMOTIVE SUBSYSTEMS AND ECUS.

ADAS & AUTOMATED DRIVE

BlackBerry QNX powers advanced driver assistance systems (ADAS) with an OS certified to ISO 26262 ASIL D, as well as frameworks and middleware to enable automated drive features.

Products: QNX OS for Safety, QNX Hypervisor for Safety, QNX® Sensor Framework

DIGITAL COCKPIT

BlackBerry QNX enables digital cockpits that integrate multiple in-car systems while separating safety-critical systems from non-safety critical systems.

Products: QNX Hypervisor, QNX Hypervisor for Safety, QNX® Advanced Virtualization Frameworks, QNX® Acoustics Management Platform, QNX® Sensor Framework, QNX® Multimedia Suite, QNX® Speech Framework, QNX® SDK for Smartphone Connectivity

INSTRUMENT CLUSTERS

BlackBerry QNX offers a reliable, functionally safe solution for digital instrument clusters. Its one-of-a-kind ISO 26262 ASIL B pre-certified graphics solution and ISO 26262 ASIL D pre-certified RTOS

Products: QNX® Graphics for Safety, QNX OS for Safety

INFOTAINMENT

BlackBerry QNX offers market-leading technologies for the development of connected, safe and secure infotainment systems.

Products: QNX Acoustics Management Platform, QNX Sensor Framework, QNX Multimedia Suite, QNX Speech Framework, QNX SDK for Smartphone Connectivity