

FOUNDATIONAL SOFTWARE SOLUTIONS FOR THE MODERN VEHICLE



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

BLACKBERRY QNX FUNCTIONAL SAFETY SOLUTIONS



OPERATING SYSTEM

Provides a reliable RTOS foundation that is pre-certified to the highest level of ISO 26262 - ASIL D

VEHICLE INSTRUMENT CLUSTERS

Delivers an ISO 26262 ASIL B pre-certified graphics solution

ADVANCED DRIVER ASSISTANCE

Provides a foundation on which to build safe and reliable autonomous driving software

HYPERVERSOR

Isolates safety-critical systems from non-safety critical systems

SYSTEM SAFETY DETECTION

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