



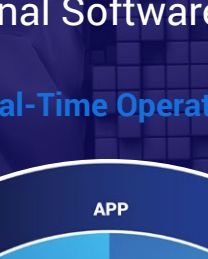
# Trusted everywhere

Foundational software for critical embedded systems

- Automotive
- Defense
- Heavy Machinery
- Industrial Controls
- Medical Devices
- Commercial Vehicles
- Robotics
- Rail



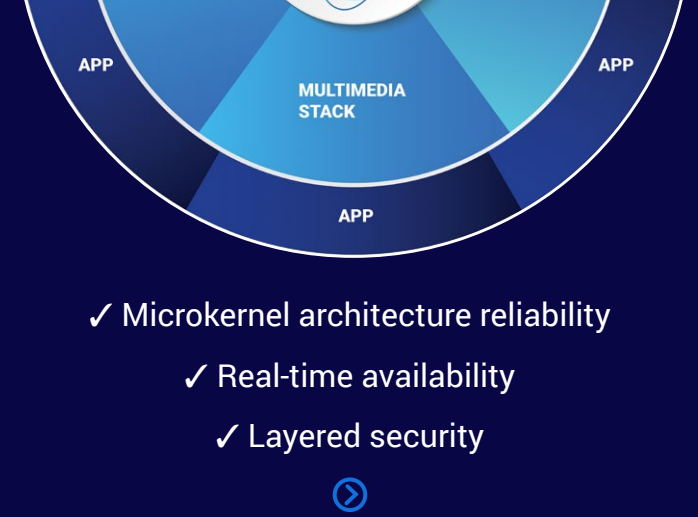
With embedded systems becoming more software-driven and complex than ever, trust is more vital than ever. BlackBerry® QNX® provides the foundational software needed to help you take advantage of innovations like high-performance compute platforms and cloud technologies to deliver competitive solutions features and get them to market in time to make a difference. And you can be confident they're safe, secure, reliable and scalable.



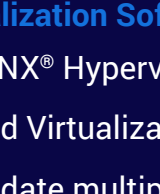
## Trusted innovation

Foundational Software Products

QNX® Neutrino® Real-Time Operating System (RTOS)



- ✓ Microkernel architecture reliability
- ✓ Real-time availability
- ✓ Layered security



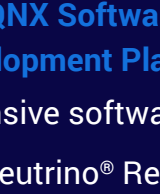
### Virtualization Software

- ✓ QNX® Hypervisor

✓ QNX® Advanced Virtualization Frameworks

✓ Consolidate multiple OSs on a single embedded SoC

✓ Safely and securely run your apps and services on the OSs you choose



### QNX Software Development Platform

Comprehensive software platform:

✓ QNX® Neutrino® Real Time OS

✓ QNX® Momentics® Tool Suite

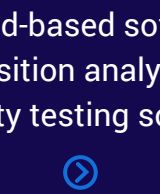
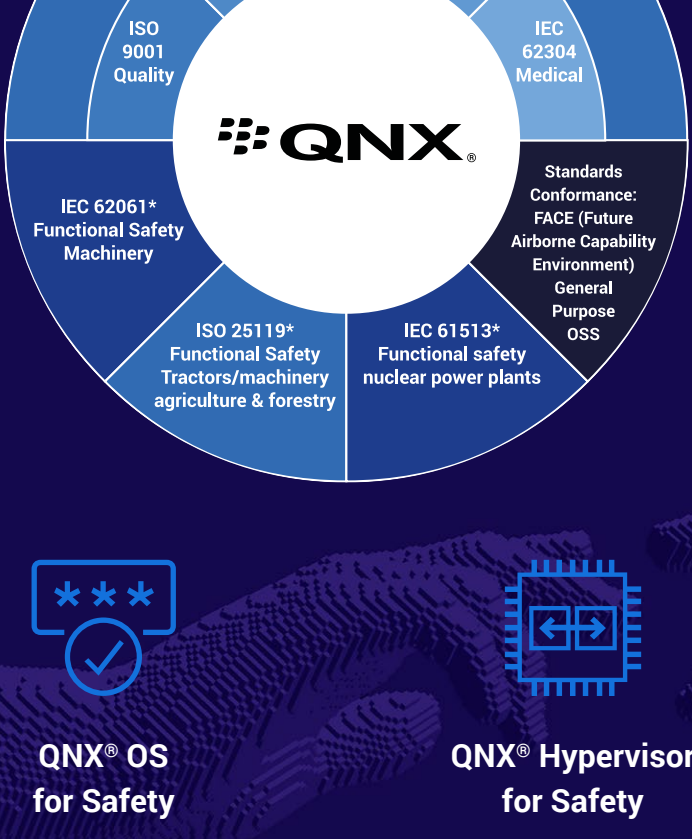
✓ POSIX-compliant development environment



Trusted by OEMs and Tier 1s globally, BlackBerry QNX technology is in more than **215 million vehicles** on the road today.

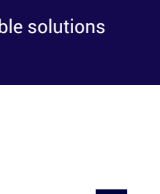
## Trusted safety and security

BlackBerry QNX Safety Certifications & Conformance



### BlackBerry® Jarvis®

A cloud-based software composition analysis and security testing solution



### QNX® OS for Safety



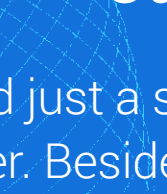
### QNX® Hypervisor for Safety



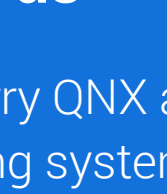
### QNX® Black Channel Communications Technology

\* Safety certifiable solutions

## Functional automotive software



### QNX® Acoustics Management Platform (AMP)



### QNX® Platform for ADAS

"Beyond just a supplier, we see BlackBerry QNX as a true partner. Besides supplying the operating system, their support to help us certify the overall rail solution will be crucial to deploy it faster." - Critical Software

"We chose BlackBerry QNX due to the company's history in safety certified embedded software, combined with its cybersecurity expertise." - Scania

## Trusted outcomes

Our capabilities are aligned to practical benefits

- ✓ Deliver safe, secure and reliable solutions
- ✓ Streamline safety certification
- ✓ Increase scalability across all products
- ✓ Accelerate time to market
- ✓ Enhance reliability against component failure
- ✓ Easily port from Linux® with POSIX-compliant APIs
- ✓ Expose security vulnerabilities across your supply chain

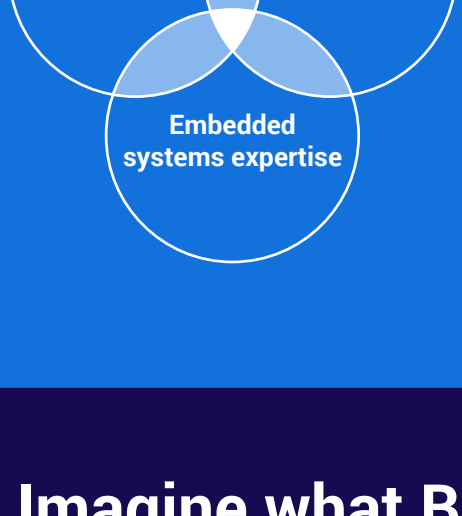
**40+ years:** BlackBerry QNX has been building **reliable** and **safe**, embedded system software **since 1980**

## Trusted everywhere

When we say "trusted everywhere", we really mean it

- Automotive
- Defense
- Heavy Machinery
- Industrial Controls
- Medical Devices
- Commercial Vehicles
- Robotics
- Rail

## Deep expertise addressing your business challenges



- ✓ **Proven experience:** address business challenges on the journey to the Software-Defined Vehicle
- ✓ **Accelerate time to market:** dedicated support when certifying your critical embedded solutions
- ✓ **Deep cloud expertise:** experts in all areas of embedded systems software
- ✓ **Solution portfolio:** underpinned by our industry-leading foundational products
- ✓ **Global footprint:** regional experienced teams in North America, EMEA, APAC

## Imagine what BlackBerry QNX can do for you



Adopt a deterministic, POSIX-compliant, microkernel real-time operating system



Meet reliability and safety compliance requirements



Secure embedded software from across a complex supply chain



Bring safe, secure products to market quicker, on budget and with quality

## BlackBerry QNX Professional Services

Extend your embedded software development team with our trusted experts.



### Hardware

Prototyping and board bring-up  
Board support packages  
Driver development / customization  
System optimization



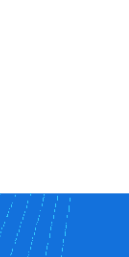
### Porting & Integration

Linux / Android™ hypervisor guests  
Middleware integration  
Open-source porting / integration  
Legacy OS migration



### Safety & Security

Functional safety services  
Safety cases  
Hazard and risk analysis  
Penetration testing



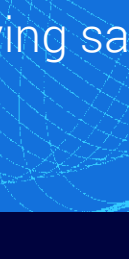
### Application

UI/UX design/development  
Application development  
Protocol development  
Middleware design & development



### Specific Functions

ADAS software development  
Autonomous integration  
Autonomous architecture  
Infotainment design & development



### Consulting

Architectural reviews  
Onsite consulting (long / short term)  
Cloud architecture integration  
Custom OTA development

**100% success rate** achieving safety certification