NEWS RELEASE

BlackBerry Bolsters Embedded Software Portfolio with Release of QNX Hypervisor 2.2

New Hypervisor Enables Consolidation and Cost Savings for World's Most Mission-Critical Embedded Systems

WATERLOO, ONTARIO – February 11, 2021 – BlackBerry Limited (NYSE: BB; TSX: BB) today announced the release of QNX® Hypervisor 2.2, the latest edition of the company's real-time embedded hypervisor product.

With QNX Hypervisor 2.2, manufacturers and other embedded system suppliers are empowered with ultimate design flexibility and scalability to consolidate multiple systems with mixed criticality and different operating environments onto a single hardware platform, reducing both the initial development and long-term costs of ownership for a wide variety of embedded systems – from rail and robotics controllers to vehicle digital cockpits and battery management ECUs.

Based on the QNX® Neutrino® Real-time Operating System (RTOS) 7.1, QNX Hypervisor 2.2 supports the latest silicon enhancements for interrupt control, scalable vector extensions (SVE), cryptography and enhanced security, and offers features such as fast booting of critical system services before guest launch and priority-based sharing of hardware resources and devices. QNX Hypervisor 2.2 also adds to the extensive VIRTIO shared device support offered by previous QNX Hypervisor releases, including adding sources of entropy.

QNX Hypervisor 2.2 provides development teams with a robust and reliable hypervisor domain on which they can run Android and Linux distributions. QNX Hypervisor 2.2 can be scaled so that system architects can choose to run software in a virtual machine or alongside the virtual machine in the host domain. This flexibility allows developers to add Android and Linux to an SoC without compromising on features and performance while at the same time reducing system complexity. Mission-critical applications can share host domain services (backends) with Android based on priority scheduling and therefore precisely control the guest's behavior. As with all BlackBerry QNX Hypervisor product releases, system architects also have full control over separation and isolation of guests and devices as well as deep insight into Hypervisor operations through the QNX® Momentics Tool Suite.

"BlackBerry QNX has decades of experience powering mission-critical embedded systems across a wide range of industries. With the release of QNX Hypervisor 2.2, embedded software architects and developers can continue to rely on our secure and reliable foundational hypervisor software to enable their system consolidation knowing that we continue to work in lock-step with advances in silicon and shared device standards such as VIRTIO," said Grant Courville, Vice President, Products and Strategy at BlackBerry QNX.

BlackBerry QNX has a broad portfolio of embedded system software designed for mission-critical implementations, including the QNX Hypervisor, QNX Neutrino Real-time Operating System, in addition to middleware and development tools. Safety-certified variants of the hypervisor – QNX® Hypervisor for Safety and the OS – QNX® OS for Safety, are also available. BlackBerry's pedigree in safety, security, and continued

innovation has led to its QNX technology being used in hundreds of millions of critical systems for medical devices, industrial controls, automotive, commercial trucking, rail and robotics systems worldwide.

For more information on BlackBerry QNX products and engineering services for embedded systems, please visit BlackBerry.QNX.com.

###

About BlackBerry

BlackBerry (NYSE: BB; TSX: BB) provides intelligent security software and services to enterprises and governments around the world. The company secures more than 500M endpoints including over 175M cars on the road today. Based in Waterloo, Ontario, the company leverages AI and machine learning to deliver innovative solutions in the areas of cybersecurity, safety and data privacy solutions, and is a leader in the areas of endpoint security management, encryption, and embedded systems. BlackBerry's vision is clear - to secure a connected future you can trust.

BlackBerry. Intelligent Security. Everywhere.

For more information, visit BlackBerry.com and follow @BlackBerry.

###

Media Contact:
BlackBerry Media Relations
+1 (519) 597-7273
mediarelations@BlackBerry.com