

Porting Assessment

BlackBerry QNX Professional Services



Your safety-critical embedded systems need to run 24 hours a day, 365 days a year without failure. This means they need to be safety-certified, extremely reliable, and highly secure. The complexity of these systems is compounded by the range of technology choices available, and an ever-increasing set of safety requirements.

BlackBerry® QNX® has developed a set of software assessment service packages to guide you through the complex process of aligning the right technology and processes with your development goals. Designed to help your team get the most from the broad range of safety-certified and secure software products from BlackBerry QNX, our software assessments help you increase reliability, shorten time-to-market and reduce development costs.

Selecting a new operating system (OS) to be the foundation for your embedded system can be challenging enough. That challenge is compounded by the effort needed for you and your team to understand how best to migrate your existing software and build environment to the new OS.

BlackBerry QNX understands software selection and porting challenges. So to help you get a head start on your potential migration to the QNX® Neutrino® RTOS, we offer a porting assessment service package that enables you to:

- Gain a preliminary understanding of the magnitude of your code porting effort
- Minimize porting project risk by identifying high-risk and high-complexity areas
- Understand costs of porting effort and identify potential cost savings
- Accelerate and simplify your shift to BlackBerry QNX products

Porting Assessment

The BlackBerry QNX Porting Assessment service package provides a preliminary review and written report to help customers better understand the effort to port from their current non-QNX based system (e.g. Linux) to the QNX Neutrino RTOS.

Our professional services team has performed this service many times, successfully helping many clients determine the effort needed to port from VxWorks, Linux, and other operating systems to BlackBerry QNX. Our extensive experience has enabled us to acquire a deep understanding of the many common porting considerations across all operating systems. This has helped us become experts in helping clients determine the best path to realizing an optimal solution when migrating to the QNX.

Upon receipt of your system information (e.g., design documents, product literature, source code, build environment, etc.), we will begin to analyze and assess the effort needed to port to QNX and provide a written report describing items such as:

- Report objectives and analysis performed
- Primary software module overview and dependencies
- Porting effort summary
- Porting areas for special consideration
- Suggested next steps

The amount of information you share, along with the magnitude and complexity of the software will dictate the level of detail we provide in the report in the time allotted.

If you decide to use BlackBerry QNX Professional Services to do the porting project for you within 60 days, the cost of this assessment will be credited against that engagement.

Package Details

This package includes up to 40 hours with BlackBerry QNX engineers, which can be used over a 60-day period.

During this engagement we will provide:

- A written report outlining porting effort and estimate for porting services engagement
- A project review call to walk through the report and key findings
- Two QNX Software Development Platform 60-day evaluation licences

About BlackBerry® QNX®

BlackBerry QNX is a leading supplier of safe, secure, and trusted operating systems, middleware, development tools, and engineering services for mission-critical embedded systems. BlackBerry QNX helps customers develop and deliver complex and connected next generation systems on time. Their technology is trusted in over 150 million vehicles and more than 300 million embedded systems in medical, industrial automation, energy, and defense and aerospace markets. Founded in 1980, BlackBerry QNX is headquartered in Ottawa, Canada and was acquired by BlackBerry in 2010

For more information, visit blackberry.qnx.com and follow [@QNX_News](https://twitter.com/QNX_News).

