

Photon UI Porting Assessment

BlackBerry QNX Professional Services



Many embedded systems require a User Interface (UI) so that users can access and control the embedded application. The QNX® Photon microGUI® the UI framework of choice for many legacy QNX-based embedded systems.

Deciding to upgrade from a legacy UI such as the QNX Photon microGUI can be a complex task, but is key to maintaining a modern, relevant and secure product for your end users. That challenge is compounded by the effort needed for you and your team to understand how best to migrate your existing Photon UI to a more modern framework.

BlackBerry QNX understands the challenges of porting from the QNX Photon microGUI better than anyone else. So to help you get a head start on your potential migration, we offer a Photon UI 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-complexity areas
- Understand costs of your porting effort and identify potential cost savings
- Accelerate and simplify your shift to a new UI framework

Photon UI Porting Assessment

The BlackBerry QNX Photon UI Porting Assessment service package is designed specifically for BlackBerry QNX customers who have an existing Photon-based system and would like to gain a better understanding of the resources that would be required to move to a new User Interface (UI) framework.

Our professional services team has performed this service many times, successfully helping many clients determine the effort needed to port from Photon to a modern UI. Our extensive experience has enabled us to acquire a deep understanding of the many common porting considerations across multiple industries. This has helped us become experts in helping clients determine the best path to realizing an optimal solution when migrating to a new UI.

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

- Report objectives and analysis performed
- Architectural overview and proposed changes (Front-end / Back-end separation of the UI)
- QNX Screen and asset review
 - Number of unique screens and dialogs
 - Required asset development
- Porting Summary – high-level summary of the primary porting areas
- Suggested next steps

The amount of information shared by the customer along with the magnitude and complexity of the software will dictate the level of detail we provide in the report in the allotted time.

Package Details

This service provides up to a week of BlackBerry QNX engineering time and during this we will provide:

- A written report outlining the porting effort.
- Preliminary estimate for the porting effort.
- An initial project briefing and a post project review to walk through the report and key findings.
- This package includes two QNX SDP 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

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