

# Certificate



Functional  
Safety

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**No.: 968/EZ 653.11/20**

<b>Product tested</b>	Real Time Operating System (RTOS)	<b>Certificate holder</b>	BlackBerry Limited 1001 Farrar Road Ottawa, ON K2K 0B3 Canada
<b>Type designation</b>	QNX OS for Safety (QOS) for released and approved versions refer to the "Revision List"		
<b>Codes and standards</b>	IEC 61508 Parts 1-7:2010 (in extracts) ISO 26262-2:2018 (in extracts)	ISO 26262-6:2018 ISO 26262-8:2018 (in extracts)	
<b>Intended application</b>	The QOS product complies with the requirements of the relevant standards (ASIL D according to ISO 26262 and SC 3 according to IEC 61508) and can be used as a Safety Element Out Of Context (SEooC) in items in order to realize safety goals up to ASIL D according to ISO 26262 and as a compliant item in applications up to SIL 3 according to IEC 61508. The provided tool chain, classified as TCL3 and T3, complies with the applicable requirements for supporting tools according to ISO 26262-8 and off-line support tools according to IEC 61508-3.		
<b>Specific requirements</b>	For the use of the QOS the operating conditions and functional characteristics as specified in the Safety Manual and accompanying documents provided by the manufacturer needs to be observed. The current versions of software are specified in the currently valid revision list. The list is released by the manufacturer in cooperation with the Certification Body.		

Valid until 2025-08-14

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 653.11/20 dated 2020-08-14.

This certificate is valid only for products which are identical with the product tested.

**TÜV Rheinland Industrie Service GmbH**  
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Köln, 2020-08-14

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Thomas Steffens

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Precisely Right.