



**Revision List of the
QNX OS for Safety 2.0 Update 1 (QOS 2.0 Update 1)
by BlackBerry Limited**

Certificate No.: 968/EZ 653.20/11



QNX OS for Safety 2.0 (QOS 2.0), including Update 1

List of Runtime Components

Components	Description	SHA512 (base64)	Report-No.	Status
target/qnx7/aarch64le/bin/secpolpush	Utility for pushing a compiled security policy to the microkernel for enforcement for Aarch64 targets	ANgH/7FWa2ipFRd9dLcSCfco+6c82j99RyUr6MXoIwQui/9rgWpjBkXbEHCRdJarEPGdeMzxPrB5pEleyZ2Vzw==	EZ653.02/18	Valid
target/qnx7/aarch64le/boot/sys/libmod_aps-safety.a	Dynamically-loadable kernel module for Adaptive Partitioning for Aarch64 targets	vLC1k2kQg1Gen0N5Wi9Sc3d3uOMAbcdiUZ05DxF9ox6lpy+Z5AWPaH4unIzb6OR8rUHjvKebA37vvgCibtGM+g==	EZ653.02/18	Valid
target/qnx7/aarch64le/boot/sys/procnto-smp-instr-safety	QNX Microkernel and Process Manager for Aarch64 targets with multicores	95nUGjtseSmZ9hr4NIsw/G7e2uGLyyKqy+PYPHTIkm6R9JG4ysZji+UzrLOgQDlrsyddoril1Z/fXIuA816dFQ==	EZ653.02/18	Valid
target/qnx7/aarch64le/lib/libc.a	Statically-linkable C Library for Aarch64 targets	sMvoRafJhziK8Ks7p7wBc/ef91cRkMvmAhsKcBEk2mHJhQHS01c3IwxOp3xyPYeo3AGzFfSLMPR7WVcm7Pbxw==	EZ653.02/18	Valid
target/qnx7/aarch64le/lib/libc.so.4	Dynamically-linkable C Library for Aarch64 targets	BQVJtvJyleuH0DMleLZtLoDG4R/qQ1XJ413zeirLoK1AYQSc8AvNdmZp+3xK8nCwpwRaLnMY8tKGPYcZ08f2zQ==	EZ653.02/18	Valid
target/qnx7/aarch64le/lib/libcS.a	Statically-linkable shared C Library for Aarch64 targets	S0nmYW9bXZvz81I0QGSMSOw5zIuHS580oE7dd1uDvQuY/wsvgWgUc6QoivmR12SGDtWtnJrw4CeJZhk50t9Og==	EZ653.02/18	Valid
target/qnx7/armle-v7/bin/secpolpush	Utility for pushing a compiled security policy to the microkernel for enforcement for ARMle-v7 targets	+GzOC3DPehmDbTQoDhpiVTFrtDmjDvXZ5UXkXN2w1YBqM74TI2Y53ik2gvu4Qc6MbN7BA53zV0mxUTqvleDMKw==	EZ653.02/18	Valid
target/qnx7/armle-v7/boot/sys/libmod_aps-safety.a	Dynamically-loadable kernel module for Adaptive Partitioning for ARMle-v7 targets	7sie1dNp2a7Kqxf9qm1AFmW10+UJhkj4Wkka/e7JoVHH2kuNvCvr6MV5Xo3wKAcGw+6WyBDWa9BIZ6vB95uQ==	EZ653.02/18	Valid
target/qnx7/armle-v7/boot/sys/procnto-smp-instr-safety	QNX Microkernel and Process Manager for ARMle-v7 targets with multicores	5CQX7NU9R4cwTWq30za8ASWn+JNpzOkOU8SI9GFwM7D53BQB0C2XsxIq1G8rNB7nnRC09nDayzf7WVkiHk1heg==	EZ653.02/18	Valid
target/qnx7/armle-v7/lib/libc.a	Statically-linkable C Library for ARMle-v7 targets	Xw6cY2FcNvKpqI+F1r3aqJnvnAN3uUiZODO9nmCNxm2NDffoeaXOXtpRYSmMNp6YrjjKAV/4NjRdh6VtqC87aA==	EZ653.02/18	Valid
target/qnx7/armle-v7/lib/libc.so.4	Dynamically-linkable C Library for ARMle-v7 targets	WNEFqdtR1YIVvilGSEnIje0VAbE3OJE+QFssIdvWM7ggdowB7X5Dr6PpWOLtPf47onp5GhqFZBV4CUCGspfQ==	EZ653.02/18	Valid
target/qnx7/armle-v7/lib/libcS.a	Statically-linkable shared C Library for ARMle-v7 targets	NVnMZW5xnxrKDAuge0O8bvHOD8uQ61tA8HVcWwHFjlnFZjq1npAMAp+iJpeXGFYhwIzwp1iIDBusqt9M/nxH4w==	EZ653.02/18	Valid



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Components	Description	SHA512 (base64)	Report-No.	Status
target/qnx7/x86/bin/secpolpush	Utility for pushing a compiled security policy to the microkernel for enforcement for x86_32 targets	7bRC6CiGxYV24B5ZHhYa7+9th19TF+cbBHWuho3KkT9n3kkoV1621CHA8BsHF5ejtqTeploLXLZ5M8+xmFA8wg==	EZ653.02/18	Valid
target/qnx7/x86/boot/sys/libmod_aps-safety.a	Dynamically-loadable kernel module for Adaptive Partitioning for x86_32 targets	1ErqJeoSb3EOfiG3jymUcKhL524QIFWRc+Hw3fyM7aEifo7mASlh6WBCmjEhM2nR3NH2+4ZBr4L5+bTARrjGjQ==	EZ653.02/18	Valid
target/qnx7/x86/boot/sys/procnto-smp-instr-safety	QNX Microkernel and Process Manager for x86_32 targets with multicores	1Jz6Mx5Xnll1S9rYdHY3U6o9DcZprf5AcuEj6gBcRoJErsNca1Xpb9XNNupFFWijSCBPg4Futs78GAsx04pxvw==	EZ653.02/18	Valid
target/qnx7/x86/lib/libc.a	Statically-linkable C Library for x86_32 targets	LQETqsnNRZp5HfvEwpaw6UF5PtElYauMuUzgXvxs0MeJi3as4ZPHugc/ccQEFW8mrEhzQvet4A+K5QSj7I81PA==	EZ653.02/18	Valid
target/qnx7/x86/lib/libc.so.4	Dynamically-linkable C Library for x86_32 targets	/7+i7yz8LD4dxsbRzFjUx2Xy/TkeK1vUZ2hh7T96oET0SeBV9qDW1sh3PVqf1jK73r0F24qudpeCWujoshi+rQ==	EZ653.02/18	Valid
target/qnx7/x86/lib/libcS.a	Statically-linkable shared C Library for x86_32 targets	CDK1CKsPcMI+PJ3zdRyh/fYlqKjhcuaxTn/sdincKW+pI4x5TSfBMytKZfbLDC/JmtdryckG6zBzWnpTkXZRTw==	EZ653.02/18	Valid
target/qnx7/x86_64/bin/secpolpush	Utility for pushing a compiled security policy to the microkernel for enforcement for x86_64 targets	ggslvKa8d+Bxy4h+IcbxU3+Kas/xhufxni9dfKZ69/D3W16uKr0sx2qT72EA/HerlvDTG69M+HWzzy3TjxhfMg==	EZ653.02/18	Valid
target/qnx7/x86_64/boot/sys/libmod_aps-safety.a	Dynamically-loadable kernel module for Adaptive Partitioning for x86_64 targets	AFNomo/L0u752OmkZBfypoyJFEIeXxnCXMLrkySKcC/sg+XZFrTdecfgN922i/TwDEyOzPKjLnWprv3bGmjxyg==	EZ653.02/18	Valid
target/qnx7/x86_64/boot/sys/procnto-smp-instr-safety	QNX Microkernel and Process Manager for x86_64 targets with multicores	hbnZngqoj2+KcYTZ6nmiJku9D9yGfqzBoazw9D6K4gS852lhhtnGdtN0nYGm85G/IgOElmqhd6fAx7ukws2cnA==	EZ653.02/18	Valid
target/qnx7/x86_64/lib/libm.so.3	Math library for x86_64 targets	awhuycNN6PeFd1/tsUeDQaN1s94KfGP4N8Ly68yvrfmmbBF8r2SR1zVFoQe8wbrCKoMNdIXY/h52djsYkH/2hg==	EZ653.04/18	Valid
target/qnx7/x86_64/lib/libc.a	Statically-linkable C Library for x86_64 targets	uvn1YPtwOzDUsAGuqaKwuCswDAAPeBo3prhOO45w51I/BqD8bJTzRa00S80virJHLZeo3hIGal7e6vulPgAfkG==	EZ653.02/18	Valid
target/qnx7/x86_64/lib/libc.so.4	Dynamically-linkable C Library for x86_64 targets	W3HfJsm54FkmN71xihaPkbzaOhC4oguUb9LKUUN5Tfon15F6wuXpX+A6A++6GhpzhMLLUTf0+WHR0NvvaHbzAA==	EZ653.02/18	Valid
target/qnx7/x86_64/lib/libcS.a	Statically-linkable shared C Library for x86_64 targets	0sImOU17/WQK2oXv8b41zYGBKont1iXh7S00I4vPVjb2axf0WBfCS9NoyDqpED19/h1ZVVyBCGJakbwIZjig+A==	EZ653.02/18	Valid



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List of Development Tools (Windows Host)

Components	Description	SHA512 (base64)	Report-No.	Status
host/win64/x86_64/usr/bin/aarch64-unknown-nto-qnx7.0.0-as.exe	Assembler included in QNX Software Development Platform 7.0 for Aarch64 targets	kTJF3KfvUkyPwUeS00SriGzrb8zcrQhJANTAgmoZEjTO+0ntXOUfQhQI4pEnDVvOyW7TcisFpMw9Sun0k01Cvg==	EZ653.02/18	Valid
host/win64/x86_64/usr/lib/gcc/aarch64-unknown-nto-qnx7.0.0/5.4.0/cc1.exe	C compiler included in QNX Software Development Platform 7.0 for Aarch64 targets	6DV0Iztn404LxboG/mqXFbcMEOoafW9bOvCrhz30VJ62BX P5nXmWoItam+7IPCURzgYU3W2JFLXuFCD4xERdsA==	EZ653.02/18	Valid
host/win64/x86_64/usr/lib/gcc/aarch64-unknown-nto-qnx7.0.0/5.4.0/cc1plus.exe	C++ compiler included in QNX Software Development Platform 7.0 for Aarch64 targets	JvwMs+mSLvE9l0niV26nex0QwSGLf5wVhgoTI4eJCaxH2u61hkIv2OkpP3K3ww4UhcKmM+wgj7VJsMukSTf06g==	EZ653.02/18	Valid
host/win64/x86_64/usr/bin/aarch64-unknown-nto-qnx7.0.0-ld.exe	Linker included in QNX Software Development Platform 7.0 for Aarch64 targets	4qMyS2bpCw6WFC/PNd83b9VAce6EMpxB3Cqos9728gn8wbOv0arLZdJBuU8DBKAGCPxcLt01bVfskUQKzHmGiQ==	EZ653.02/18	Valid
host/win64/x86_64/usr/bin/arm-unknown-nto-qnx7.0.0eabi-as.exe	Assembler included in QNX Software Development Platform 7.0 for Armle-v7 targets	9ZIpSfqhgVTYLI24veJ1sseEQ+HEvKGNcEqGHqEuIeFwK/pKbkLBDBk1a44bUv8GTCrA65WPyJupoUazOkRHkQ==	EZ653.02/18	Valid
host/win64/x86_64/usr/lib/gcc/arm-unknown-nto-qnx7.0.0eabi/5.4.0/cc1.exe	C compiler included in QNX Software Development Platform 7.0 for Armle-v7 targets	TgL2apfDEdazdDDZtIWcgsByOFCQPIxqwqitEl1UPc4AS9N3fnswkE1dZS3MwoqD902DUv29GqB8/ox6ZakSBQ==	EZ653.02/18	Valid
host/win64/x86_64/usr/lib/gcc/arm-unknown-nto-qnx7.0.0eabi/5.4.0/cc1plus.exe	C++ compiler included in QNX Software Development Platform 7.0 for Armle-v7 targets	XmMqQNJtF+/1PjMvq4a5PlsEQmwcV8yqQ2Ih8fMgj1BfZh/XKaq5MIzB87lue7JDrC9dh+4k48BrhqRmN9g6Fg==	EZ653.02/18	Valid
host/win64/x86_64/usr/bin/arm-unknown-nto-qnx7.0.0eabi-ld.exe	Linker included in QNX Software Development Platform 7.0 for Armle-v7 targets	j/uoJv1cvW8IcLVi33B7+WpqqiAUXyFpeEiKvT8Jeh+QTL L81kXq18R5Di5eUzZm83iSzhTzfu84DFUm0VQzig==	EZ653.02/18	Valid
host/win64/x86_64/usr/bin/i586-pc-nto-qnx7.0.0-as.exe	Assembler included in QNX Software Development Platform 7.0 for x86_32 targets	0T6IS76YLwaQUfNNDaliiza4+X1RVm2x4k9KYG76WHMwYwh/3ku7H8eaGufOnXsjma7nN4tuewBDpA3e4e+shw==	EZ653.02/18	Valid
host/win64/x86_64/usr/lib/gcc/i586-pc-nto-qnx7.0.0/5.4.0/cc1.exe	C compiler included in QNX Software Development Platform 7.0 for x86_32 targets	ESbNyU84Sfu9UT+WXvjx7jgAqUQ3Dig1ZKd6M8ffR1w6TzfbjcsV32UBmMBmhjGRC+92MPExkt1njHxuGn1CdA==	EZ653.02/18	Valid



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host/win64/x86_64/usr/lib/gcc/i586-pc-nto-qnx7.0.0/5.4.0/cc1plus.exe	C++ compiler included in QNX Software Development Platform 7.0 for x86_32 targets	pSm+F+255JijW1/RTPvtBbKMUg0q1IJsr1yzJk3EeC7LvQ2r+v1Qv0zazcDY1KiSvPiyHzhwzzBYP6uWSvhyjg==	EZ653.02/18	Valid
host/win64/x86_64/usr/bin/i586-pc-nto-qnx7.0.0-ld.exe	Linker included in QNX Software Development Platform 7.0 for x86_32 targets	dpXnYEhrrxt/LxJCDFGDFLVGONPxJinCycsH9sRojRp4FM+/5e55AEEmrrhtC6kHLnu74mkPrrqkuQYt+4PslGA==	EZ653.02/18	Valid
host/win64/x86_64/usr/bin/x86_64-pc-nto-qnx7.0.0-as.exe	Assembler included in QNX Software Development Platform 7.0 for x86_64 targets	GI0z3W81/1868PesfT1OnWAVJ6fXRcHE/9I/FRbhskGUAH2UFRNROTdiVQ9bIWYwoX8YWn7ds1UYNmpqng9xg==	EZ653.02/18	Valid
host/win64/x86_64/usr/lib/gcc/x86_64-pc-nto-qnx7.0.0/5.4.0/cc1.exe	C compiler included in QNX Software Development Platform 7.0 for x86_64 targets	dKzmU1NvVQd57kii7AlpBHY8erRwe8YibvQ89w/eK+LaO/wJdQ1v3XNbu8iPqRMB+rF84surtKcpusoXpo9pgg==	EZ653.02/18	Valid
host/win64/x86_64/usr/lib/gcc/x86_64-pc-nto-qnx7.0.0/5.4.0/cc1plus.exe	C++ compiler included in QNX Software Development Platform 7.0 for x86_64 targets	aXrK1rNHKYJa4HYPMKra6bIIuxbYmHiXcWDSovwkFAFWVJjRkIuD64BLG+8ilhL4jwuKpc+TSKGkt2IjAr/J7Q==	EZ653.02/18	Valid
host/win64/x86_64/usr/bin/x86_64-pc-nto-qnx7.0.0-ld.exe	Linker included in QNX Software Development Platform 7.0 for x86_64 targets	m2TSDPS48k1Vco7qLj8aYoEzXz3ugrTY9h6vvjQTkcGaa0uSvYpKs/SDjSU11gWWH7Y+BBQzVgFLtY/uwVMwuw==	EZ653.02/18	Valid
host/win64/x86_64/usr/bin/mkifs.exe	Utility for generating an OS image filesystem for all targets	dVf4CeR+pNvGWdeuZZtgCQEvjwgW+vJJT94QVpLORffAhtavqodDJ4Ee+8AAkfquAoKArogrR5/obyvxWDD6g==	EZ653.02/18	Valid



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List of Development Tools (Linux Host)

Components	Description	SHA512 (base64)	Report-No.	Status
host/linux/x86_64/usr/bin/aarch64-unknown-nto-qnx7.0.0-as-2.25	Assembler included in QNX Software Development Platform 7.0 for Aarch64 targets	CwmFTkV6F8a9zHEIS30tA84eOfX0cnJCQ/afb6qKZoEEDZtNv2os+fHQ2N0IXf0pPnNA0f0In2ox2jo1ZO+Kzw==	EZ653.02/18	Valid
host/linux/x86_64/usr/lib/gcc/aarch64-unknown-nto-qnx7.0.0/5.4.0/cc1	C compiler included in QNX Software Development Platform 7.0 for Aarch64 targets	jYCH8d50m363t00xj0UeWufkL3/Ftj1QFe2Mb5b/qzp/Wc8csHLztSIzIoWPTqQ+unshVL7ozrDBifa116hQ0A==	EZ653.02/18	Valid
host/linux/x86_64/usr/lib/gcc/aarch64-unknown-nto-qnx7.0.0/5.4.0/cc1plus	C++ compiler included in QNX Software Development Platform 7.0 for Aarch64 targets	VUad5uuoYMhjm/omMRxkvCs27NHBG1j5D/VLv/A8qdH9NFjcp6xLhKi8Itufuzo/hmZ7SPRK2fuCOp9w8+pKVg==	EZ653.02/18	Valid
host/linux/x86_64/usr/bin/aarch64-unknown-nto-qnx7.0.0-ld-2.25	Linker included in QNX Software Development Platform 7.0 for Aarch64 targets	qlASABbi7KiTG+UJAim+8dFZc4Styi/nWH6GQrFGi/chE0C9/djig/eF0k4GN1e4rzCdmVBTqtH4/aRwoLHsQw==	EZ653.02/18	Valid
host/linux/x86_64/usr/bin/arm-unknown-nto-qnx7.0.0eabi-as-2.25	Assembler included in QNX Software Development Platform 7.0 for Armle-v7 targets	3Rvf0+NWYXpxrM15eIwUy0fibCVjWj5sWglOylah5YMxGCe1VUnhq6WvyQU95sFiPHEmhBfmw4zUoPyjeZ6VA==	EZ653.02/18	Valid
host/linux/x86_64/usr/lib/gcc/arm-unknown-nto-qnx7.0.0eabi/5.4.0/cc1	C compiler included in QNX Software Development Platform 7.0 for Armle-v7 targets	T0ICFgZGqqiLiM1e7qUemSNKIDVa7WbARylbcLneMMm6PVZyddnkpkrHjiWfPThAtd56OeBSGemio8CI6GXZag==	EZ653.02/18	Valid
host/linux/x86_64/usr/lib/gcc/arm-unknown-nto-qnx7.0.0eabi/5.4.0/cc1plus	C++ compiler included in QNX Software Development Platform 7.0 for Armle-v7 targets	NXhu9GRsePOa1xHkp1D7N1LwN2bL8KEu4G8ygCRAWJsiL0DtylqEx+FwN2VCNL6QDTNjmy3R1HKnshxKAKA2g==	EZ653.02/18	Valid
host/linux/x86_64/usr/bin/arm-unknown-nto-qnx7.0.0eabi-ld-2.25	Linker included in QNX Software Development Platform 7.0 for Armle-v7 targets	FfyQxNLLxSLVhB7wgcj3z6nOgdUeTHed94UevNWqKvxDHKxASDsBEWtsaFmy/JlkXf7oR5ws+xa+j3LzEBPH8g==	EZ653.02/18	Valid
host/linux/x86_64/usr/bin/i586-pc-nto-qnx7.0.0-as-2.25	Assembler included in QNX Software Development Platform 7.0 for x86_32 targets	51YCaSubdhShL6MypHceVdk1wfgfAdFkuWIZUkXwli66foeifxywjr+X6YBQpt10UpMviwZHSd67418GDz+6Yw==	EZ653.02/18	Valid
host/linux/x86_64/usr/lib/gcc/i586-pc-nto-qnx7.0.0/5.4.0/cc1	C compiler included in QNX Software Development Platform 7.0 for x86_32 targets	4QoAZvk8/m1BA8OC3bhNzy57vmoY29QyqF7DaIoDmTDEm5/0+HQVZgCuICxioieNpOev+sJkaHY+Rm2ylW/d4A==	EZ653.02/18	Valid



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host/linux/x86_64/usr/lib/gcc/i586-pc-nto-qnx7.0.0/5.4.0/cc1plus	C++ compiler included in QNX Software Development Platform 7.0 for x86_32 targets	xxv6cVzWbr7Y3TrwMXXEu64H/fDY/0kUwghvEEsXsfidhWVQqR/iNqVjDWl77mLfqWUhr50/au6t1YYm4XqoJQ==	EZ653.02/18	Valid
host/linux/x86_64/usr/bin/i586-pc-nto-qnx7.0.0-ld-2.25	Linker included in QNX Software Development Platform 7.0 for x86_32 targets	LSgsG+2/WLj5l//GBBQTqXfF4bUHkPvOJi8DBfl+wzUWDh1Av3EhwCKjiKzA3HQPRMLSebnTQz5czlGWR8iZjA==	EZ653.02/18	Valid
host/linux/x86_64/usr/bin/x86_64-pc-nto-qnx7.0.0-as-2.25	Assembler included in QNX Software Development Platform 7.0 for x86_64 targets	22eCXeLf1T5lLz/hndfnnhOSontYhIp/I6TAzAsLQTpo92HRKEd1BRF7U+Yf/1KVv82LrAVW+93GZ0PBuOus6A==	EZ653.02/18	Valid
host/linux/x86_64/usr/lib/gcc/x86_64-pc-nto-qnx7.0.0/5.4.0/cc1	C compiler included in QNX Software Development Platform 7.0 for x86_64 targets	sRIdScLiOec0xhbzKZ6DaOjoNePFBRNn1cHk3NLhc1rGXPuCl3srYUBWG/Uv3B9+CD4Ni5WuE9TbPPm+PJjnKQ==	EZ653.02/18	Valid
host/linux/x86_64/usr/lib/gcc/x86_64-pc-nto-qnx7.0.0/5.4.0/cc1plus	C++ compiler included in QNX Software Development Platform 7.0 for x86_64 targets	ue6RPrL+PyBrTdIDE7U/bbYAhTtl+DoTg5L0GczWtu0XviDYktbhrSm264o+qhifzRgtoiY636+oLaOGYWW2EA==	EZ653.02/18	Valid
host/linux/x86_64/usr/bin/x86_64-pc-nto-qnx7.0.0-ld-2.25	Linker included in QNX Software Development Platform 7.0 for x86_64 targets	+97Q/xNcGm5UA5FxuY/mJEHhvXm+KqwbW/xR4ydvQAj3rJi4eJhZsDLurMnXWCQfk/GjmDRns4+tD5MSMh5CxA==	EZ653.02/18	Valid
host/linux/x86_64/usr/bin/mkifs	Utility for generating an OS image filesystem for all targets	rs1eIMcOEXcBr81ekulPr2HvsVtW6ekGgXVs8wPMjCsR3/1TkIXwwaTwhGWswStSkTaW8mU04MYKHUNQDQ76DQ==	EZ653.02/18	Valid

List of Product Documentation

Components	Description	Version	Report-No.	Status
Installing_and_Using_the_QNX_OS_for_Safety_2.0.pdf	Product Installation and Usage Guide	06 Feb 2018	EZ653.02/18	Valid
QMS3289_QOS_2.0_Safety_Manual.pdf	Product Safety Manual	4.2	EZ653.03/18	Valid
QMS3359_Mathematics_Library_Safety_Manual.pdf	Safety Manual for Math Library	2.0	EZ653.04/18	Valid
rel_qos_2.0_06mar2018.pdf	Product Release Notes	06 Mar 2018	EZ653.03/18	Valid

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QNX OS for Safety 2.0 Update 1 (QOS 2.0 Update 1)
by BlackBerry Limited
Certificate No.: 968/EZ 653.20/11



The content of this revision list has been agreed between manufacturer and certification body.

Document Revision:

Date	Rev.	Description / Changes	Author
2018-02-27	1.0	Initial version based on Report-No.: 968/EZ 653.02/18	Bu/A-FS
2018-03-12	1.1	Updated base on Report-No.: 968/EZ 653.03/18	Bu/A-FS
2018-06-28	1.2	Added missing mkifs Tool based on Report-No.: 968/EZ 653.02/18	Bu/A-FS
2018-11-16	1.3	Updated base on Report-No.: 968/EZ 653.04/18	Ro/A-FS
2020-08-14	2.0	Updated to consider renewal of Certificate-No.: 968/EZ653.11/20	Bu/A-FS & CS