

Entrust Security Certification Reference Document



ENTRUST

SECURING A WORLD IN MOTION

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Product Certifications

This document contains reference information about Entrust nShield hardware security module and other products detailing product security certifications, including FIPS 140-3, FIPS 140-2, Common Criteria, NITES and others.

1 nShield HSM eIDAS Qualified Signature Creation Device (QSCD) status

Module name	Firmware version	Certification	Validation date	Website publication
nShield 5s	13.5.1	eIDAS approval as Type 1 QSCD (for Local Signing/Sealing and suitable to be combined with certified SAM for Remote Signing/Sealing)	May 8, 2024	EU QSCD list Enter name as <i>nShield</i> , then navigate to Netherlands. Certificate identifier eIDAS-2200058-01
Qualified Signature and Seal Creation Device (QSCD) Entrust Signature Activation Module	1.1.2	eIDAS approval as Type 2 QSCD (Entrust SAM for Remote Signing/Sealing in combination with approved nShield 5s and nShield Solo XC)	March 10, 2026	EU QSCD list Enter name as <i>Entrust</i> Certificate Identifier A-SIT-VIG-25-090 View certificate here
Qualified Signature and Seal Creation Device (QSCD) Entrust Signature Activation Module	1.1.1	eIDAS approval as Type 2 QSCD (Entrust SAM for Remote Signing/Sealing in combination with approved nShield 5s and nShield Solo XC)	June 27, 2025	EU QSCD list Enter name as <i>Entrust</i> Certificate Identifier A-SIT-VIG-25-040 View certificate here
Qualified Signature and Seal Creation Device (QSCD) Entrust Signature Activation Module	1.0.4	eIDAS approval as Type 2 QSCD (Entrust SAM for Remote Signing/Sealing in combination with approved nShield Solo XC)	December 19, 2023	EU QSCD list Enter name as <i>Entrust</i> Certificate identifier A-SIT-VIG-23-092

Qualified Signature and Seal Creation Device (QSCD) Entrust Signature Activation Module	1.0.3	eIDAS approval as Type 2 QSCD (Entrust SAM for Remote Signing/Sealing in combination with approved nShield Solo XC)	October 29, 2021	EU QSCD list Enter name as <i>Entrust</i> Certificate identifier A-SIT-VIG-21-086
nShield Solo XC	12.60.15	eIDAS approval as Type 1 QSCD (for Local Signing/Sealing and suitable to be combined with certified SAM for Remote Signing/Sealing)	June 10, 2021	EU QSCD list Enter name as <i>nShield</i> , then navigate to Netherlands. Certificate identifier NSCIB-CC-21- 0368256
nShield Solo XC	12.50.7	eIDAS approval as Type 1 QSCD (for Local Signing/Sealing and suitable to be combined with certified SAM for Remote Signing/Sealing)	November 19, 2019	EU QSCD list Enter name as <i>nShield</i> , then navigate to Netherlands. Certificate identifier NSCIB-CC-19-163968
nShield Connect 500+ nShield Connect 1500+ nShield Connect 6000+	11.72.03	eIDAS approval as Type 2 QSCD (for Remote Signing/Sealing)	November 28, 2019	EU QSCD list Enter name as <i>nShield</i> , then navigate to Italy. <u>Certificate identifier</u> <u>OCSI/ACC/NCS/04/</u> <u>2019/RA</u>

nShield Connect 500, nShield Connect 500+, nShield Connect 1500, nShield Connect 1500+, nShield Connect 6000, nShield Connect 6000+	11.72.02	eIDAS approval as Type 2 QSCD (for Remote Signing/Sealing)	February 5, 2018	EU QSCD list Enter name as <i>nShield</i>, then navigate to Italy. Certificate identifier OCSI/ACC/THL/02/2017/RA
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2 nShield Common Criteria Certifications

2.1 nShield 5s Common Criteria Certification

Module name	Firmware version	Certification	Validation date	Website publication
nShield 5s	13.5.1	NSCIB Common Criteria certified EAL4+ augmented with AVA_VA.5 and ALC_FLR.2 (compliant to Protection Profile EN 419 221-5 Cryptographic Module for Trust Services) This certification includes AIS 31.	April 11 2024	Common Criteria Portal Enter keyword <i>nShield</i> . Certificate Identifier: NSCIB-CC-2200057-01
nShield 5s	13.5.1	SCCS (Singapore) Common Criteria certified EAL4+ augmented with AVA_VA.5 and ALC_FLR.2 (compliant to Protection Profile EN 419 221-5 Cryptographic Module for Trust Services) This certification includes AIS 31.	September 24 2024	Common Criteria Portal Enter keyword <i>nShield</i> . Certificate Identifier: CSA_CC_23004

2.2 nShield Solo XC Common Criteria Certification

Module name	Firmware version	Certification	Validation date	Website publication
nShield Solo XC	12.60.15	NSCIB Common Criteria certified EAL4+ augmented with AVA_VA.5 and	First issue of certificate: March 17th 2021	Common Criteria Portal Enter keyword <i>nShield</i> .

		ALC_FLR.2 (compliant to Protection Profile EN 419 221-5 Cryptographic Module for Trust Services) This certification includes AIS 31.	Second issue of certificate after maintenance: July 22nd 2021	Certificate identifier (after maintenance): NSCIB-CC-0368256-MA
nShield Solo XC	12.50.7	NSCIB Common Criteria certified EAL4+ augmented with AVA_VA.5 and ALC_FLR.2 (compliant to Protection Profile EN 419 221-5 Cryptographic Module for Trust Services) This certification includes AIS 31.	November 18 2019	Common Criteria Portal Enter keyword <i>nShield</i> . Certificate identifier: CC-19-163968
nShield Solo XC	12.60.15	SCCS Singapore Common Criteria certified EAL4+ augmented with AVA_VA.5 and ALC_FLR.2 (compliant to Protection Profile EN 419 221-5 Cryptographic Module for Trust Services) This certification includes AIS 31	June 27 2022	Common Criteria Portal Enter keyword <i>nShield</i> . Certificate Identifier: CSA_CC_21008

2.3 nShield Solo+ / Connect+ Common Criteria Certification

Module name	Firmware version	Certification	Validation date	Website publication
nShield Solo F3 500+ nShield Solo F3 6000+ nShield Connect 500+ nShield Connect 1500+	11.72.03	OCSI Common Criteria Certified EAL4+ augmented with AVA_VAN.5	September 17 2019 (expired)	Common Criteria Portal (archived products)

nShield Connect 6000+				
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2.4 nShield Solo/ Solo+ / Connect/ Connect+ Common Criteria Certification

Module Name	Firmware version	Certification	Validation date	Website publication
nShield Solo F3 500e nShield Solo F3 500+ nShield Solo F3 6000e nShield Solo F3 6000+ nShield Connect 500/500+ nShield Connect 1500/ 1500+ nShield Connect 6000/ 6000+	11.72.02	Common Criteria certified EAL4 + augmented with AVA_VAN.5	October 03 2016 (expired)	Common Criteria Portal (archived products)

2.5 nShield Solo XC and nShield 5s AIS 31 Assessment

Module name	Firmware version	Certification	Validation date	Website publication
nShield 5s	13.5.1	AIS 31 certification as part of Common Criteria	April 11 2024	Common Criteria Portal Enter keyword <i>nShield</i> .
nShield Solo XC	12.60.15	AIS 31 certification as part of Common Criteria	March 17 2021	Common Criteria Portal Enter keyword <i>nShield</i> .
nShield Solo XC	12.50.7	AIS 31 certification as part of Common Criteria	November 18 2019	Common Criteria Portal Enter keyword <i>nShield</i>
Solo XC	3.3.25 3.3.33	AIS 31 assessment	N/A	N/A

3 nShield FIPS 140-3 Certifications

Module name	Firmware version	Certification	Validation date	Website publication
nShield 5s Hardware Security Module	13.2.4	FIPS 140-3 Level 3	July 31, 2024	Certificate #4745
nShield 5s Hardware Security Module	13.4.5	FIPS 140-3 Level 3	Aug 19, 2024	Certificate #4765

4 nShield FIPS 140-2 Certifications

4.1 nShield Solo XC/ Connect XC FIPS Certification

Module name	Firmware version	Certification	Validation date	Website publication
nShield Solo XC F3 & nShield Solo XC F3 for nShield Connect XC and for nShield HSMi	12.71.1 12.72.3 12.72.4	FIPS 140-2 Level 3	October 16 2022	Certificate #4335
nShield Solo XC F3 & nShield Solo XC F3 for nShield Connect XC and for nShield HSMi	12.71.1 12.72.3 12.72.4	FIPS 140-2 Level 2	October 16 2022	Certificate #4334
nShield Solo XC F2,	12.71.1 12.72.3 12.72.4	FIPS 140-2 Level 2	October 16 2022	Certificate #4333
nShield Solo XC F2	12.50.11	FIPS 140-2 Level 2	December 10 2020	Certificate #3765
nShield Solo XC F3 and nShield Solo XC F3 for nShield Connect XC, nShield Issuance HSM	12.50.11	FIPS 140-2 Level 3	December 9 2020	Certificate #3760
nShield Solo XC F3 and nShield Solo XC F3 for nShield Connect XC. nShield Issuance HSM	12.50.11	FIPS 140-2 Level 2	December 10 2020	Certificate #3766
nShield Solo XC F2	3.3.21 3.4.1 3.4.2	FIPS 140-2 Level 2	October 10 2017 November 07 2017 July 18 2018	Certificate #3040
nShield Solo XC F3 nShield Solo XC F3 for nShield Connect XC	3.3.21 3.4.1 3.4.2	FIPS 140-2 Level 2	October 03 2017 November 07 2017 July 18 2018	Certificate #3035
nShield Solo XC F3 nShield Solo XC F3 for nShield Connect XC	3.3.21 3.4.1 3.4.2	FIPS 140-2 Level 3	June 23 2017 November 07 2017 August 07 2018	Certificate #2941

4.2 nShield Solo+ and nShield Connect/Connect+

Module name	Firmware version	Certification	Validation date	Website publication
nShield F3 10+ 500+ 6000+ & nShield F3 500+ 1500+ 6000+ for nShield Connect+ and Connect CLX and HSMi	12.72.0	FIPS 140-2 Level 3	October 16 2022	Certificate #4338
nShield F3 10+ 500+ 6000+ & nShield F3 500+ 1500+ 6000+ for nShield Connect+ and Connect CLX and HSMi	12.72.0	FIPS 140-2 Level 2	October 16 2022	Certificate #4337
nShield F2 500+ & nShield F2 1500+ & nShield F2 6000+	12.72.0	FIPS 140-2 Level 2	October 16 2022	Certificate #4336
nShield F3 10+, nShield F3 500+, nShield F3 6000+, nShield F3 500+ for nShield Connect+, nShield F3 1500+ for nShield Connect+ nShield F3 6000+ for nShield Connect+	12.50.8	FIPS 140-2 Level 3	August 8 2020	Certificate #3730
nShield F3 10+, nShield F3 500+, nShield F3 6000+, nShield F3 500+ for nShield Connect+, nShield F3 1500+ for nShield Connect+ nShield F3 6000+ for nShield Connect+ (FIPS Level 3 modules operating in FIPS Level 2 mode)	12.50.8	FIPS 140-2 Level 2	October 21 2020	Certificate #3731
nShield F2 500+, nShield F2 1500+, nShield F2 6000+ (FIPS Level 2 modules)	12.50.8	FIPS 140-2 Level 2	October 21 2020	Certificate #3726
nShield F3 10+ nShield F3 500+ nShield F3 6000+ nShield F3 500+ for nShield Connect+ nShield F3 1500+ for nShield Connect+ nShield F3 6000+ for nShield Connect+	2.61.2	FIPS 140-2 Level 3	May 13 2016 August 17 2018	Certificate #2644
nShield F3 10+ nShield F3 500+ nShield F3 6000+ nShield F3 500+ for nShield Connect+ nShield F3 1500+ for nShield Connect+ nShield F3 6000+ for nShield Connect+	2.61.2 2.62.1	FIPS 140-2 Level 2	May 13 2016 June 20 2018 July 27 2018	Certificate #2638
nShield F3 10+ nShield F3 500+ nShield F3 6000+	2.51.10 2.55.1 2.55.2	FIPS 140-2 Level 2	May 13 2014 November 24 2015	Certificate #2149

nShield F3 500+ for nShield Connect+ nShield F3 1500+ for nShield Connect+ nShield F3 6000+ for nShield Connect+			August 07 2018 August 28 2018	
nShield F3 10+ nShield F3 500+ nShield F3 6000+ nShield F3 500+ for nShield Connect+ nShield F3 1500+ for nShield Connect+ nShield F3 6000+ for nShield Connect+	2.51.10 2.55.1	FIPS 140-2 Level 3	May 13 2014 November 24 2015	Certificate #2148
nShield F2 500+ nShield F2 1500+ nShield F2 6000+	2.61.2 2.62.1	FIPS 140-2 Level 2	May 13 2016	Certificate #2643
nShield F2 500+ nShield F2 1500+ nShield F2 6000+	2.51.10 2.55.1 2.55.2	FIPS 140-2 Level 2	April 03 2014 June 05 2014 November 24 2015 August 07 2018 August 28 2018	Certificate #2121

4.3 nShield Edge, MiniHSM and Time Stamp Master Clock FIPS Certification

Module name	Firmware version	Certification	Validation date	Website publication
MiniHSM MiniHSM for nShield Edge F3	12.72.0	FIPS 140-2 Level 3	October 16 2022	Certificate #4332
MiniHSM MiniHSM for nShield Edge F2	12.72.0	FIPS 140-2 Level 2	October 16 2022	Certificate #4331
MiniHSM MiniHSM for nShield Edge F3 MiniHSM for Time Stamp Master Clock	12.50.8	FIPS 140-2 Level 3	October 20 2020	Certificate #3727
MiniHSM MiniHSM for nShield Edge F2 MiniHSM for Time Stamp Master Clock	12.50.8	FIPS 140-2 Level 2	September 08 2020	Certificate #3707
MiniHSM MiniHSM for nShield Edge F2 MiniHSM for Time Stamp Master Clock	2.61.1 2.62.1	FIPS 140-2 Level 2	May 13 2016 July 24 2018	Certificate #2642

MiniHSM MiniHSM for nShield Edge F3 MiniHSM for Time Stamp Master Clock	2.61.1	FIPS 140-2 Level 3	May 13 2016	Certificate #2639
MiniHSM MiniHSM for nShield Edge MiniHSM for Time Stamp Master Clock	2.50.17 2.51.10 2.50.35 2.55.1	FIPS 140-2 Level 2	June 25 2012 August 16 2013 October 25 2013 October 31 2015	Certificate #1744
MiniHSM MiniHSM for nShield Edge MiniHSM for Time Stamp Master Clock	2.50.17 2.51.10 2.50.35 2.55.1	FIPS 140-2 Level 3	June 25 2012 August 16 2013 October 25 2013 October 28 2015	Certificate #1739

4.4 nToken

Module name	Firmware version	Certification	Validation date	Website publication
nToken	2.51.10 2.55.1	FIPS 140-2 Level 2	December 21 2017	Certificate #3086
nToken	2.50.16 2.50.35	FIPS 140-2 Level 2	June 25 2012 November 24 2015	Certificate #1738

5 nShield NITES Certification

Module name	Firmware version	Certification	Validation date	Website publication
nShield Solo XC / Connect XC	12.73.0	NITES EN 419 221-5 Protection Profile for TSP Cryptographic Modules – Part 5: Cryptographic Module for Trust Services; Version 1.0	June 27 2022	Certificate Identifier: CSA- PC-KM-21003

6 KeyControl FIPS 140-2 Certifications

Module name	Software version	Certification	Validation date	Website publication
KeyControl Cryptographic Module	1.1	FIPS 140-2 Level 1	April 4 2022	Certificate #4191

7 Entrust Signature Activation Module Certification

Module name	Firmware version	Certification	Validation date	Website publication
Entrust Signature Activation Module (Entrust SAM)	Version 1.1.1 is QSCD approved, see https://www.a-sit.at/en/confirmation-evaluation/qscd-certificates/downloads/	CCN Common Criteria certification - EAL4+augmented with AVA_VAN.5 and ALC_FLR.2 claiming conformance to Protection Profile EN 419 241-2 Trustworthy Systems Supporting Server Signing Part 2: Protection Profile for QSCD for Server Signing Protection Profile, version 0.16.	June 17 2022	Common Criteria Portal Search: Entrust SAM, version 1.0.3 Certificate Identifier CCN-CC-27/2022 CCRA Certificate OC-CN listing

8 Other certifications

8.1 nShield Remote Administration Smart Card FIPS Certification

Module name	Firmware version	Certification	Validation date	Website publication
nShield Remote Administration Token	Athena IDProtect 0501.5175.0001 with Authentication Token Applet 1.0	FIPS 140-2 Level 3	October 6 2016	Certificate #2764

8.2 Brazilian ICP Listing

Module name	Firmware version	Certification	Validation date	Website publication
nShield Solo XC (also applies to nShield Connect XC)	12.50.11	NCC Certificações do Brasil Ltda.	July 30 2020	Certificate #NCC_20.06472

8.3 Spanish Centro Criptológico Nacional (CCN) qualification ENS-Alto

Module name	Firmware version	Certification	Validation date	Website publication
nShield Solo XC (also applies to nShield Connect XC)	12.60.15	Qualification by the Spanish CCN for ENS Alto	November 01 2021	https://oc.ccn.cni.es/catalogo-productos-stic/listado-productos-cualificados/748-nshield-solo-xc-hardware-security-module-v12-60-15

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ABOUT ENTRUST CORPORATION

Entrust fights fraud and cyber threats with comprehensive identity-centric security that protects people, devices, and data. Our solutions help enterprises and governments safeguard critical systems from every angle, enabling secure onboarding and issuance, providing everyday identity protection, and empowering them with 360-degree visibility and orchestration across keys, secrets, and certificates so they can transact and grow with confidence. Building on our decades as a pioneer and innovator in establishing trust, Entrust has a global partner network and supports customers in over 150 countries.



Learn more at

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