



ENTRUST

nShield[®] Hardware Security Module Security Certification Reference Document

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Product Certifications

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

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

Module name	Firmware version	Certification	Validation date	Website publication
nShield Solo XC / Connect XC	12.60.15	Qualified Signature/Seal Creation Device	March 17 2021	EU QSCD list Enter name as <i>nShield</i> , then navigate to Netherlands.
nShield Solo XC / Connect XC	12.50.7	Qualified Signature/Seal Creation Device	November 19 2019	EU QSCD list Enter name as <i>nShield</i> , then navigate to Netherlands.
nShield Connect 500+ nShield Connect 1500+ nShield Connect 6000+	11.72.03	Qualified Signature/Seal Creation Device	November 28 2019	EU QSCD list Enter name as <i>nShield</i> , then navigate to Italy.
nShield Solo F3 500+ nShield Solo F3 6000+ nShield Connect 500+ nShield Connect 1500+ nShield Connect 6000+	11.72.02	Secure Signature Creation Device – transitional measures	April 6 2016	EU QSCD list Enter name as <i>nShield</i> , then navigate to Italy.

2 nShield Common Criteria Certifications

2.1 nShield Solo XC/ Connect XC Common Criteria Certification

Module name	Firmware version	Certification	Validation date	Website publication
nShield Solo XC / Connect XC	12.60.15	Common Criteria certified EAL4 + AVA_VAN.5 and ALC_FLR.2 (compliant to Protection Profile EN 419 221-5 Cryptographic Module for Trust Services) This certification includes AIS 31.	March 17 2021	CC listing
nShield Solo XC / Connect XC	12.50.7	Common Criteria certified EAL4 + AVA_VAN.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	CC listing

2.2 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+ nShield Connect 6000+	11.72.03	Common Criteria certified EAL4 + AVA_VAN.5	September 17 2019	CC listing

2.3 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 + AVA_VAN.5	October 03 2016	CC listing

2.4 nShield Solo XC AIS Assessment

Module name	Firmware version	Certification	Validation date	Website publication
nShield Solo XC / Connect XC	12.60.15	AIS 31 certification as part of Common Criteria	March 17 2021	CC listing
nShield Solo XC / Connect XC	12.50.7	AIS 31 certification as part of Common Criteria	November 18 2019	CC listing
Solo XC	3.3.25 3.3.33	AIS 31 assessment	N/A	N/A

3 nShield FIPS 140-2 Certifications

3.1 nShield Solo XC/ Connect XC FIPS Certification

Module name	Firmware version	Certification	Validation date	Website publication
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

3.2 nShield Solo+ and nShield Connect/Connect+

Module name	Firmware version	Certification	Validation date	Website publication
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+ nShield F3 500+ for nShield Connect+ nShield F3 1500+ for nShield Connect+ nShield F3 6000+ for nShield Connect+	2.51.10 2.55.1 2.55.2	FIPS 140-2 Level 2	May 13 2014 November 24 2015 August 07 2018 August 28 2018	Certificate #2149
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

3.3 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 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

3.4 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

4 Other certifications

4.1 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

4.2 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



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About Entrust

Entrust keeps the world moving safely by enabling trusted identities, payments, and data protection. Today more than ever, people demand seamless, secure experiences, whether they're crossing borders, making a purchase, accessing e-government services, or logging into corporate networks. Entrust offers an unmatched breadth of digital security and credential issuance solutions at the very heart of all these interactions. With more than 2,500 colleagues, a network of global partners, and customers in over 150 countries, it's no wonder the world's most entrusted organizations trust us. [entrust.com](https://www.entrust.com)



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