



**ENTRUST**

# Entrust Security Certification Reference Document

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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 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	<a href="#">EU QSCD list</a> 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	<a href="#">EU QSCD list</a> 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	<a href="#">EU QSCD list</a> 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	<a href="#">EU QSCD list</a> 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
Entrust Signature Activation Module (Entrust SAM)	version 1.0.3	Evaluation - EAL4 augmented with AVA_VAN.5 and ALC_FLR.2 claiming conformance to the Trustworthy Systems Supporting Server Signing Part 2: Protection Profile for QSCD for Server Signing Protection Profile, version 0.16.	December 14 2021	Certification to be advised. Evaluation completion document available on request.
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	<a href="#">CC listing</a>
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	<a href="#">CC listing</a>

## 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	<a href="#">CC listing</a>

## 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	<a href="#">CC listing</a>

## 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	<a href="#">CC listing</a>
nShield Solo XC / Connect XC	12.50.7	AIS 31 certification as part of Common Criteria	November 18 2019	<a href="#">CC listing</a>
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, nShield 5s for nShield 5c and for nShield HSMi	13.2.2	FIPS 140-2 Level 3	Modules In Process List (added April 8 2022)	<a href="#">Review</a> <a href="#">Pending</a>



# 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 HSM <i>i</i>	12.72.0	FIPS 140-2 Level 3	Modules In Process List	<a href="#">Review Pending</a>
nShield Solo XC F3 & nShield Solo XC F3 for nShield Connect XC and for nShield HSM <i>i</i>	12.72.0	FIPS 140-2 Level 2	Modules In Process List	<a href="#">Review Pending</a>
nShield Solo XC F2,	12.72.0	FIPS 140-2 Level 2	Modules In Process List	<a href="#">Review Pending</a>
nShield Solo XC F2	12.50.11	FIPS 140-2 Level 2	December 10 2020	<a href="#">Certificate #3765</a>
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	<a href="#">Certificate #3760</a>
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	<a href="#">Certificate #3766</a>
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	<a href="#">Certificate #3040</a>
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	<a href="#">Certificate #3035</a>
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	<a href="#">Certificate #2941</a>

## 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	12.72.0	FIPS 140-2 Level 3	Modules In Process List	<a href="#">Review Pending</a>
nShield F3 10+ 500+ 6000+ & nShield F3 500+ 1500+ 6000+ for nShield Connect+ and Connect CLX	12.70.0	FIPS 140-2 Level 2	Modules In Process List	<a href="#">Review Pending</a>
nShield F2 500+ & nShield F2 1500+ & nShield F2 6000+	12.72.0	FIPS 140-2 Level 2	Modules In Process List	<a href="#">Review Pending</a>
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	<a href="#">Certificate #3730</a>
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	<a href="#">Certificate #3731</a>
nShield F2 500+, nShield F2 1500+, nShield F2 6000+ (FIPS Level 2 modules)	12.50.8	FIPS 140-2 Level 2	October 21 2020	<a href="#">Certificate #3726</a>
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	<a href="#">Certificate #2644</a>
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	<a href="#">Certificate #2638</a>
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	<a href="#">Certificate #2149</a>
nShield F3 10+ nShield F3 500+	2.51.10 2.55.1	FIPS 140-2 Level 3	May 13 2014 November 24 2015	<a href="#">Certificate #2148</a>

nShield F3 6000+ nShield F3 500+ for nShield Connect+ nShield F3 1500+ for nShield Connect+ nShield F3 6000+ for nShield Connect+				
nShield F2 500+ nShield F2 1500+ nShield F2 6000+	2.61.2 2.62.1	FIPS 140-2 Level 2	May 13 2016	<a href="#">Certificate #2643</a>
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	<a href="#">Certificate #2121</a>

### 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	Modules In Process List	<a href="#">Review Pending</a>
MiniHSM MiniHSM for nShield Edge F2	12.72.0	FIPS 140-2 Level 2	Modules In Process List	<a href="#">Review Pending</a>
MiniHSM MiniHSM for nShield Edge F3 MiniHSM for Time Stamp Master Clock	12.50.8	FIPS 140-2 Level 3	October 20 2020	<a href="#">Certificate #3727</a>
MiniHSM MiniHSM for nShield Edge F2 MiniHSM for Time Stamp Master Clock	12.50.8	FIPS 140-2 Level 2	September 08 2020	<a href="#">Certificate #3707</a>
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	<a href="#">Certificate #2642</a>
MiniHSM MiniHSM for nShield Edge F3 MiniHSM for Time Stamp Master Clock	2.61.1	FIPS 140-2 Level 3	May 13 2016	<a href="#">Certificate #2639</a>
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	<a href="#">Certificate #1744</a>

MiniHSM	2.50.17	FIPS 140-2	June 25 2012	<a href="#">Certificate #1739</a>
MiniHSM for nShield Edge	2.51.10	Level 3	August 16 2013	
MiniHSM for Time Stamp Master Clock	2.50.35		October 25 2013	
	2.55.1		October 28 2015	

## 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	<a href="#">Certificate #3086</a>
nToken	2.50.16 2.50.35	FIPS 140-2 Level 2	June 25 2012 November 24 2015	<a href="#">Certificate #1738</a>

## 5 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	<a href="#">Certificate #4191</a>

## 6 Other certifications

### 6.1 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	<a href="#">Certificate #2764</a>

### 6.2 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	<a href="#">Certificate #NCC 20.06472</a>

### 6.3 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	<a href="https://oc.ccn.cni.es/catalogo-productos-stic/listado-productos-cualificados/748-nshield-solo-xc-hardware-security-module-v12-60-15">https://oc.ccn.cni.es/catalogo-productos-stic/listado-productos-cualificados/748-nshield-solo-xc-hardware-security-module-v12-60-15</a>



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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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