

Thales Product Certifications

This document contains reference information about Thales eSecurity product security certification certifications, including FIPS 140, Common Criteria, PCI HSM and others.

For further information regarding any certification listed below please contact sales@thalessec.com

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nShield Product Family Certification

Module name	Firmware version	Certification	Validation date	Website publication
Solo XC	AIS 31 v3.3.25 v3.3.33	AIS 31 assessment	N/A	N/A
nShield Solo F3 PCI2 500e nShield Solo F3 PCI2 500+ nShield Solo F3 PCI2 6000e nShield Solo F3 PCI2 6000+ nShield Connect 500 nShield Connect 500+ nShield Connect 1500 nShield Connect 1500+ nShield Connect 6000 nShield Connect 6000+	11.72.02	Common Criteria certified EAL4 + AVA_VAN.5	03/10/2016	CC listing
nShield Solo XC F2	3.3.21 3.4.1 3.4.2	FIPS 140-2 Level 2	10/10/2017 11/07/2017 07/18/2018	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	10/03/2017 11/07/2017 07/18/2018	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	06/23/2017 11/07/2017 08/07/2018	Certificate #2941
MiniHSM MiniHSM for nShield Edge F2 MiniHSM for Time Stamp Master Clock	2.61.1-2 2.62.1-2	FIPS 140-2 level 2	05/13/2016 07/24/2018	Certificate #2642
MiniHSM MiniHSM for nShield Edge F3 MiniHSM for Time Stamp Master Clock	2.61.1-3	FIPS 140-2 Level 3	05/13/2016	Certificate #2639
MiniHSM MiniHSM for nShield Edge MiniHSM for Time Stamp Master Clock	2.50.17-2 2.51.10-2 2.50.35-2 2.55.1-2	FIPS 140-2 level 2	06/25/2012 08/16/2013 10/25/2013 10/31/2015	Certificate #1744
MiniHSM MiniHSM for nShield Edge MiniHSM for Time Stamp Master Clock	2.50.17-3 2.51.10-3 2.50.35-3 2.55.1-3	FIPS 140-2 Level 3	06/25/2012 08/16/2013 10/25/2013 10/28/2015	Certificate #1739
nShield Remote Administration Token	Athena IDProtect 0501.5175.0001 with Authentication Token Applet 1.0	FIPS 140-2 Level 3	10/06/2016	Certificate #2764

Module name	Firmware version	Certification	Validation date	Website publication
Authentication Token	Athena IDProtect 010B.0333.0004 with Authentication Token Applet 1.0	FIPS 140-2 level 3	06/26/2013	Certificate #1969
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+	2.61.2-3	FIPS 140-2 Level 3	05/13/2016 08/17/2018	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 2.62.1-2	FIPS 140-2 Level 2	05/13/2016 06/20/2018 07/27/2018	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 2.55.1-2 2.55.2-2	FIPS 140-2 Level 2	05/13/2014 11/24/2015 08/07/2018 08/28/2018	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+	2.51.10-3 2.55.1-3	FIPS 140-2 Level 3	05/13/2014 11/24/2015	Certificate #2148
nShield F3 6000e nShield F3 1500e nShield F3 500e nShield F3 10e nShield F3 6000e for nShield Connect nShield F3 1500e for nShield Connect nShield F3 500e for nShield Connect	2.61.2-3	FIPS 140-2 Level 3	05/13/2016	Certificate #2640
nShield F3 6000e nShield F3 1500e nShield F3 500e nShield F3 10e nShield F3 6000e for nShield Connect nShield F3 1500e for nShield Connect nShield F3 500e for nShield Connect	2.50.16-3 2.51.10-3 2.50.35-3 2.55.1-3	FIPS 140-2 Level 3	06/25/2012 03/08/2013 08/16/2013 11/16/2015	Certificate #1742

Module name	Firmware version	Certification	Validation date	Website publication
nShield F3 6000e nShield F3 1500e nShield F3 500e nShield F3 10e nShield F3 6000e for nShield Connect nShield F3 1500e for nShield Connect nShield F3 500e for nShield Connect	2.50.16-2 2.51.10-2 2.50.35-2 2.55.1-2	FIPS 140-2 Level 2	06/20/2012 03/08/2013 08/16/2013 11/16/2015	Certificate #1733
nShield F2 6000e nShield F2 1500e nShield F2 500e nShield F2 10e	2.61.2-2	FIPS 140-2 level 2	05/13/2016	Certificate #2641
nShield F2 6000e nShield F2 1500e nShield F2 500e nShield F2 10e	2.50.16-2 2.51.10-2 2.50.35-2 2.55.1-2	FIPS 140-2 level 2	06/25/2012 03/08/2013 08/16/2013 11/16/2015	Certificate #1743
nShield F2 500+ nShield F2 1500+ nShield F2 6000+	2.61.2-2 2.62.1-2	FIPS 140-2 level 2	05/13/2016	Certificate #2643
nShield F2 500+ nShield F2 1500+ nShield F2 6000+	2.51.10-2 2.55.1-2 2.55.2-2	FIPS 140-2 level 2	04/03/2014 06/05/2014 11/24/2015 08/07/2018 08/28/2018	Certificate #2121
nShield F3 4000 nShield F3 2000 nShield F3 2000 for NetHSM nShield F3 500 nShield F3 500 for NetHSM	2.50.16-2 2.51.10-2 2.50.35-2 2.55.1-2	FIPS 140-2 level 2	06/25/2012 03/08/2013 08/16/2013 11/16/2015	Certificate #1746
nShield F3 4000 nShield F3 2000 nShield F3 2000 for NetHSM nShield F3 500 nShield F3 500 for NetHSM	2.50.16-3 2.51.10-3 2.50.35-3 2.55.1-3	FIPS 140-2 Level 3	04/27/2012 03/08/2013 08/16/2013 11/16/2015	Certificate #1708
nShield F3 500 nShield F3 500 for NetHSM nShield F3 10 PCI	2.50.16-3 2.51.10-3 2.50.35-3 2.55.1-3	FIPS 140-2 Level 3	06/25/2012 03/08/2013 08/16/2013 11/16/2015	Certificate #1741
nShield F2 500 nShield F2 10 PCI	2.50.16-2 2.51.10-2 2.50.35-2 2.55.1-2	FIPS 140-2 level 2	06/25/2012 03/08/2013 08/16/2013 11/16/2015	Certificate #1740

Module name	Firmware version	Certification	Validation date	Website publication
nShield F2 4000 nShield F2 2000 nShield F2 500	2.50.16-2 2.51.10-2 2.50.35-2 2.55.1-2	FIPS 140-2 level 2	06/25/2012 03/08/2013 08/16/2013 11/16/2015	Certificate #1737
nShield F3 500 PCI nShield F3 500 for NetHSM nShield F3 10 PCI	2.50.16-2 2.51.10-2 2.50.35-2 2.55.1-2	FIPS 140-2 level 2	04/12/2012 03/08/2013 08/09/2013 11/16/2015	Certificate #1705
nToken	2.51.10-2 2.55.1-2	FIPS 140-2 level 2	12/21/2017	Certificate #3086
nToken	2.50.16-2 2.50.35-2	FIPS 140-2 level 2	06/25/2012 11/24/2015	Certificate #1738
nShield Connect 6000	2.50.16	ICP Brazil	06/25/2012	ICP listing
nShield Connect 500	2.50.16	ICP Brazil	06/29/2012	ICP listing

payShield Product Family Certification

Module name	Firmware version	Certification	Validation date	Website publication
HSM 8000	Firmware version: <ul style="list-style-type: none"> 2.3 Software version: <ul style="list-style-type: none"> ANZ 1003-0808 	AusPayNet	UNTIL 10/04/2021	AusPayNet listing
HSM 8000	Firmware version: <ul style="list-style-type: none"> 3.0 Software version: <ul style="list-style-type: none"> 3.0x 1110-08yy 	AusPayNet	UNTIL 10/04/2021	AusPayNet listing
HSM 8000	Firmware version: <ul style="list-style-type: none"> 2.4 Software versions: <ul style="list-style-type: none"> 2.4x 1053-084x 2.4 1003-0821 	AusPayNet	UNTIL 04/12/2019	AusPayNet listing
Payshield 9000 with PayShield Remote Manager	Firmware version: <ul style="list-style-type: none"> 1317-1900 (Version 1.2a) 1346-1905 (Version 2.1c) 1346-x9xx (Version 2.1c) 1346-x9xx (Version 2.3c) including PCI HSM Compliance Mode BootManager Versions: 1.16.12, 1.16. 1346-1907 (Version 2.1d) including BootManager Versions: 1.16.12, 1.16.8 1407-0902 (Version 3.1a) including: Bootstrap Version: 1.10.2 BootManager Versions: 1.16.8, 1.16.12, 1.18.2 Software version: <ul style="list-style-type: none"> Remote Manager Software Version : Payshield Manager 5.x.x av)the remote manager software must not be deployed over a public network aw) the client must be configured to disable use of TLS V1.0, TLS v1.1 and SHA cipher suites.	AusPayNet	UNTIL 14/09/2020	AusPayNet listing

Module name	Firmware version	Certification	Validation date	Website publication
payShield 9000	Firmware version: <ul style="list-style-type: none"> • 1317-1900 (Version 1.2a) • 1346-1905 (Version 2.1c) • 1346-x9xx (Version 2.1c) • 1346-1907 (Version 2.1d) including BootManager Versions: 1.16.12, 1.16.8 • 1346-x9xx (Version 2.3c) including PCI HSM Compliance Mode BootManager Versions: 1.16.12, 1.16.8 • 1346-0919 (Version 2.4a) including Bootstrap version: 1.10.2 and Boot Manager Versions: 1.16.12, 1.16.8,1.18.2 • 1346-0921 (Version 2.4b) including Bootstrap Version: 1.10.2 and Boot Manager Version: 1.18.2 • 1407-0908 (Version 3.2c) including Bootstrap Version, BootManager Version, payShield Manager • 1407-1905 (Version 3.1d) including BootManager, Approved Boot Manager Versions:1.10.2, 1.18.2 • 1407-1911 (Version 3.3b) including Bootstrap, BootManager, payShield Manager Software versions: <ul style="list-style-type: none"> • Thales Remote HSM Manager "Live-CD" Version = 4.x.x (Linux boot CD) • HSM Manager 5.x.x 	AusPayNet	UNTIL 08/09/2020	AusPayNet listing
TSPP (used in payShield 9000)	1.10.2	FIPS 140-2 level 3	06/22/2010 03/28/2011 04/12/2011 11/08/2011 01/11/2012 07/09/2012 03/28/2013 01/30/2017	Certificate #1322

Module name	Firmware version	Certification	Validation date	Website publication
payShield 9000	<p>Firmware Number:</p> <ul style="list-style-type: none"> • Bootstrap Version 1.10.2 • Boot Manager Versions 1.16.12, 1.16.8, 1.18.2 <p>Application version number:</p> <ul style="list-style-type: none"> • 1346-1905 (Version 2.1c) including Bootstrap, Boot Manager, HSM Manager 4.1.x • 1346-1907 (Version 2.1d) including Bootstrap, Boot Manager, HSM Manager 4.1.x • 1346-1914 (Version 2.3c) including Bootstrap, Boot Manager, HSM Manager 5.x.x • 1346-1917 (Version 2.3f) including Bootstrap, Boot Manager, HSM Manager 5.x.x • 1407-1902 (Version 3.1a) including Bootstrap, BootManager, payShield Manager • 1407-1905 (Version 3.1d) including Bootstrap, BootManager, payShield Manager • 1435-1901 (Custom) including Bootstrap, BootManager Version, payShield Manager • 1407-1908 (Version 3.2c) including Bootstrap, BootManager, payShield Manager • 1407-1911 (Version 3.3b) including Bootstrap, BootManager, payShield Manager 	PCI-HSM v1	UNTIL 04/30/2019	PCI listing

Vormetric Product Family Certification

Module name	Firmware version	Certification	Validation date	Website publication
Vormetric Data Security Manager Module V6000	5.3	Common Criteria PP compliant (Enterprise Security Management - Policy Management Version 2.1)	04/05/2016	CCEVS-VR-VID-10737-2016-CI
Vormetric Application Encryption Module	5.2.5	FIPS 140-2 level 1	04/25/2017	Certificate #2891
Vormetric Data Security Manager Virtual Appliance Module	5.3.0	FIPS 140-2 level 1	09/02/2016	Certificate #2735
Vormetric Data Security Manager Module	5.3.0	FIPS 140-2 level 2	06/06/2016	Certificate #2652
Vormetric Encryption Expert Cryptographic Module <ul style="list-style-type: none"> AIX 6.1 64 bit running on an AIX IBM P7 8233 (single-user mode) HPUX 11i v3 64-bit running on an HP Server rx7620 Windows 2008 R2 64-bit running on a Lenovo Thinkpad T61 	5.1.3	FIPS 140-2 level 1	03/24/2015	Certificate #2343
Vormetric Encryption Expert Cryptographic Module <ul style="list-style-type: none"> Red Hat Enterprise Linux 6.3 running on a Supermicro X9DR7 SUSE Linux Enterprise Server 11 SP 2 running on a Supermicro X9DR7 (single-user mode) 	5.1.3	FIPS 140-2 level 1	03/24/2015	Certificate #2342

Datacryptor Product Family Certification

Module name	Firmware version	Certification	Validation date	Website publication
Datacryptor 100M Ethernet (Configured with the Point-Point license)	5.0 5.1	FIPS 140-2 level 3	10/11/2017	Certificate #3042
Datacryptor 100M Ethernet (Configured with the Multi-Point license)	5.0	FIPS 140-2 level 3	12/05/2013	Certificate #2054
Datacryptor 100M Ethernet (Configured with the Point-Point license)	5.0	FIPS 140-2 level 3	12/05/2013	Certificate #2053
Datacryptor 100M Ethernet (Configured with the Multi-Point license)	4.5	FIPS 140-2 level 3	04/28/2011 05/12/2011 05/09/2016	Certificate #1538
Datacryptor 100M Ethernet (Configured with the Point-Point license)	4.2 4.5	FIPS 140-2 level 3	04/26/2010 05/07/2010 01/13/2011 04/27/2011 05/11/2016	Certificate #1300
Datacryptor Gig Ethernet and 10 Gig Ethernet (Configured with the Point-Point license)	5.0 5.1	FIPS 140-2 level 3	10/11/2017	Certificate #3041
Datacryptor Gig Ethernet and 10 Gig Ethernet (Configured with the Multi-Point license)	5.0	FIPS 140-2 level 3	11/15/2013 02/13/2015	Certificate #2041
Datacryptor Gig Ethernet and 10 Gig Ethernet (Configured with the Point-Point license)	5.0	FIPS 140-2 level 3	11/15/2013 02/13/2015	Certificate #2039
Datacryptor Gig Ethernet and 10 Gig Ethernet (Configured with the Multi-Point license)	4.5	FIPS 140-2 level 3	06/20/2011 02/13/2015	Certificate #1562
Datacryptor Gig Ethernet and 10 Gig Ethernet (Configured with the Point-Point license)	4.2 4.5	FIPS 140-2 level 3	03/29/2010 05/07/2010 01/13/2011 04/27/2011 01/23/2015	Certificate #1275
Datacryptor SONET/SDH OC-3/12/48/192C	5.0	FIPS 140-2 level 3	11/15/2013 02/13/2015	Certificate #2042
Datacryptor SONET/SDH OC-3/12/48/192C	4.2 4.5	FIPS 140-2 level 3	03/29/2010 05/07/2010 01/13/2011 02/13/2015	Certificate #1277
Datacryptor SONET/SDH v1.00	1.00 (Rev43)	FIPS 140-2 level 2	02/06/2007	Certificate #735
Datacryptor Gig Ethernet v1.0 and v1.1	1.0 1.1	FIPS 140-2 level 2	09/21/2009	Certificate #1187
Thales Datacryptor Gigabit	2.2	FIPS 140-2 level 2	01/07/2005 10/13/2005	Certificate #495

Module name	Firmware version	Certification	Validation date	Website publication
Datacryptor 2000 (DC2K) X.25 / IP / ATM	3.1	FIPS 140-2 level 3	12/07/2000 01/08/2003 05/19/2003 10/13/2005	Certificate #124
DC2K Security Module	3.411	FIPS 140-2 level 3	01/24/2005 10/13/2005	Certificate #504
DCAP Security Module	3.511	FIPS 140-2 level 3	01/24/2005 03/14/2005 10/13/2005	Certificate #503
Datacryptor 2000 (DC2K) Link / Channelized / Frame Relay	1.02.36	FIPS 140-2 level 3	09/08/1999 01/08/2003 05/19/2003 10/13/2005	Certificate #66

Others certifications

Module name	Firmware version	Certification	Validation date	Website publication
Common Criteria Protection Profile for TSP cryptographic modules part 5 cryptographic modules for trusted services - PP EN419 221 part 5 <i>Note - Thales eSecurity has sponsored and written this protection profile for the European electronic signature standard which has been approved and validated.</i>	N/A	Common Criteria EAL4, + AVA_VAN.5	Dec 2016	ANSSI-CC-PP-2016_05-pp.pdf
Secure Generic Sub-System (SGSS), Version 3.5 and 3.6	3.0.0	FIPS 140-2 level 3	8/28/2012 9/27/2012 12/10/2015	Certificate #1794
Secure Generic Sub-System (SGSS), Version 3.4	2.5.7 2.5.14	FIPS 140-2 level 3	9/11/2007 9/25/2007 12/23/2008	Certificate #836
Secure Generic Sub-System (SGSS), Version 3.3	2.5.7	FIPS 140-2 level 3	12/18/2006 9/25/2007	Certificate #723
Secure Generic Sub-System (SGSS), Version 3.2	2.0.2	FIPS 140-2 level 3	9/7/2005 10/13/2005	Certificate #570
Secure Generic Sub-System (SGSS)	1.1	FIPS 140-2 level 4	9/13/2000 1/8/2003 5/9/2003 5/19/2003 3/21/2005 4/5/2005 10/13/2005	Certificate #115
Thales e-Security keyAuthority	3.0.3	FIPS 140-2 level 3	8/7/2012	Certificate #1777