

FIPS 140-2 Consolidated Validation Certificate



The National Institute of Standards and Technology of
the United States of America



April 2017



The Communications Security Establishment of the
Government of Canada

The National Institute of Standards and Technology, as the United States FIPS 140-2 Cryptographic Module Validation Authority; and the Communications Security Establishment, as the Canadian FIPS 140-2 Cryptographic Module Validation Authority; hereby validate the FIPS 140-2 testing results of the cryptographic modules listed below in accordance with the Derived Test Requirements for FIPS 140-2, Security Requirements for Cryptographic Modules. FIPS 140-2 specifies the security requirements that are to be satisfied by a cryptographic module utilized within a security system protecting Sensitive Information (United States) or Protected Information (Canada) within computer and telecommunications systems (including voice systems).

Products which use a cryptographic module identified below may be labeled as complying with the requirements of FIPS 140-2 so long as the product, throughout its life-cycle, continues to use the validated version of the cryptographic module as specified in this consolidated certificate. The validation report contains additional details concerning test results. No reliability test has been performed and no warranty of the products by both agencies is either expressed or implied.

FIPS 140-2 provides four increasing, qualitative levels of security: Level 1, Level 2, Level 3, and Level 4. These levels are intended to cover the wide range and potential applications and environments in which cryptographic modules may be employed. The security requirements cover eleven areas related to the secure design and implementation of a cryptographic module.

The scope of conformance achieved by the cryptographic modules as tested are identified and listed on the Cryptographic Module Validation Program website. The website listing is the official list of validated cryptographic modules. Each validation entry corresponds to a uniquely assigned certificate number. Associated with each certificate number is the module name(s), module versioning information, applicable caveats, module type, date of initial validation and applicable revisions, Overall Level, individual Levels if different than the Overall Level, FIPS-approved and other algorithms, vendor contact information, a vendor provided description and the accredited Cryptographic Module Testing laboratory which performed the testing.

Signed on behalf of the Government of the United States

Signature: Michael J. Cooper

Dated: 5/1/2017

Chief, Computer Security Division
National Institute of Standards and Technology

Signed on behalf of the Government of Canada

Signature: [Signature]

Dated: MAY 17 2017

Director, Architecture and Technology Assurance
Communications Security Establishment

Certificate Number	Validation / Posting Date	Module Name(s)	Vendor Name	Version Information
2873	04/04/2017	VMAX 6 Gb/s SAS I/O Module with Encryption	Dell EMC	Hardware Version: 303-161-101B-05; Firmware Version: 2.13.46.00
2874	04/05/2017	Barracuda KTINA FIPS Crypto Module	Barracuda Networks	Software Version: 7.1
2875	04/05/2017	Forcepoint C Cryptographic Module	Forcepoint	Software Version: 2.0.2, 2.0.5 or 2.0.10
2876	04/06/2017	KMF/Wave/Traffic CryptR	Motorola Solutions, Inc.	Hardware Version: P/N CLN8566A; Firmware Version: R02.01.05
2877	04/06/2017	WatchGuard Firebox T10[1], T10-W[2], T30[3], T30-W[4], T50[5], T50-W[6]	WatchGuard Technologies, Inc.	Hardware Version: DS1AE3 [1]; DS3AE3 [2]; BS3AE5 [3]; BS3AE5W [4]; BS5AE7 [5]; BS5AE7W [6]; FIPS Kit P/N: WG8566; Firmware Version: Fireware OS v11.11.2
2878	04/06/2017	Axon Cryptographic Module	Axon Enterprise, Inc	Software Version: 2.1
2879	04/11/2017	Barco ICMP	Barco n.v.	Hardware Version: R7681272-02; Firmware Version: 1.3.0.15735B
2880	04/11/2017	HGST Ultrastar C10K1800 TCG Enterprise HDDs	HGST, a Western Digital company	Hardware Version: HUC101818CS4205 (2), HUC101818CS4205 (3), HUC101812CS4205 (2), HUC101812CS4205 (3), HUC101890CS4205 (2), HUC101890CS4205 (3), HUC101860CS4205 (2), HUC101860CS4205 (3), HUC101845CS4205 (2), HUC101845CS4205 (3), HUC101812CSS205 (2), HUC101812CSS205 (3), HUC101890CSS205 (2), HUC101890CSS205 (3), HUC101860CSS205 (2), HUC101860CSS205 (3), HUC101830CSS205 (2), HUC101830CSS205 (3); Firmware Version: RAA2
2881	04/13/2017	SPYCOS 3.0 microSDHC(TM) TrustedFlash Module	SPYRUS, Inc.	Hardware Version: 851-315013F (16GB) and 851-315014F (32GB); Firmware Version: 1.0
2883	04/18/2017	HGST Ultrastar C15K600 TCG Enterprise HDDs	HGST, a Western Digital company	Hardware Version: HUC156060CS4205 (2), HUC156045CS4205 (2), HUC156030CS4205 (2), HUC156060CSS205 (2), HUC156045CSS205 (2), HUC156030CSS205 (2); Firmware Version: RAA2
2884	04/19/2017	Mercury Systems ASURRE-Stor™ SSD	Mercury Systems, Inc.	Hardware Version: P/Ns ASD256AM2R-0yzIF, 3.0; ASD512AM2R-0yzIF, 3.0; ADR256AM2R-0yzIF, 3.0; ADR512AM2R-0yzIF, 3.0 (as described in Security Policy, Table 4); Firmware Version: 1.5.0
2885	04/19/2017	Dell SMA Series v11.4 EX6000, EX7000, EX9000, SMA 6200, SMA 7200	Dell Software, Inc.	Hardware Version: P/Ns 101-500210-78 Rev A, 101-500188-79 Rev A, 101-500352-62 Rev A, 101-500399-61 Rev B, 101-500398-61 Rev B; Firmware Version: 11.4.0-512
2886	04/20/2017	Seagate Secure(R) TCG Enterprise SSC Self-Encrypting Drive	Seagate Technology LLC	Hardware Version: ST10000NM0176 [1] and ST10000NM0186 [2]; Firmware Version: SF02 [1] and NF02 [2]
2887	04/21/2017	FortiGate-VM Virtual Appliance	Fortinet, Inc.	Software Version: FortiGate-VM64 v5.2.7,build0718,160328
2888	04/24/2017	Ubuntu OpenSSL Cryptographic Module	Canonical Ltd.	Software Version: 1.0

<http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/140val-all.htm>

Certificate Number	Validation / Posting Date	Module Name(s)	Vendor Name	Version Information
2889	04/25/2017	Cisco Aironet 1562 e/i/d/ps, 2802 e/i and 3802 e/i/p Wireless LAN Access Points	Cisco Systems, Inc.	Hardware Version: 1562e, 1562i, 1562d, 1562ps, 2802e, 2802i, 3802e, 3802i, 3802p with FIPS Kit: AIRLAP-FIPSKIT=, VERSION B0; Firmware Version: 8.3
2891	04/25/2017	Vormetric Application Encryption Module	Vormetric, Inc.	Software Version: 5.2.5
2892	04/26/2017	CN9000 Series Encryptors	Senetas Corporation Ltd, distributed by Gemalto NV (SafeNet)	Hardware Version: Senetas Corp. Ltd. CN9000 Series: A9100B (AC); Senetas Corp. Ltd. & SafeNet Inc. CN9000 Series: A9100B (AC); Firmware Version: 3.0.0
2893	04/27/2017	Panasonic Cryptographic Module	Panasonic Corporation	Software Version: 1.04
2894	04/28/2017	Fortress Mesh Points	General Dynamics Mission Systems	Hardware Version: ES210, ES2440, ES520v1, ES520v2 and ES820; Firmware Version: 5.4.5