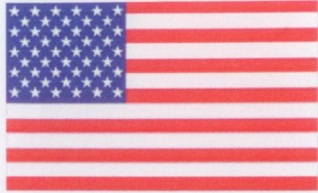
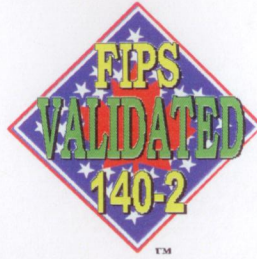


FIPS 140-2 Consolidated Validation Certificate



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



The Communications Security Establishment of the Government of Canada

Consolidated Certificate No. 0042

The National Institute of Standards and Technology, as the United States FIPS 140-2 Cryptographic Module Validation Authority; and the Communications Security Establishment Canada, 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: 3 July 2014

Chief, Computer Security Division
National Institute of Standards and Technology

Signed on behalf of the Government of Canada

Signature: [Signature]
Dated: 3 July 2014

Director, Architecture and Technology Assurance
Communications Security Establishment Canada

TM: A Certification Mark of NIST, which does not imply product endorsement by NIST, the U.S., or Canadian Governments

| Certificate Number | Validation / Posting Date | Module Name(s) | Vendor Name | Version Information |
|--------------------|---------------------------|---|-----------------------------|---|
| 2136 | 06/09/2014 | Aruba 7200 Series Controllers with ArubaOS FIPS Firmware | Aruba Networks, Inc. | Hardware Versions: Aruba 7210-F1, Aruba 7210-USF1, Aruba 7220-F1, Aruba 7220-USF1, Aruba 7240-F1, Aruba 7240-USF1 with FIPS kit 4010061-01; Firmware Version: ArubaOS 6.3.1.7-FIPS |
| 2163 | 06/05/2014 | MVC201 | MikroM GmbH | Hardware Versions: MVC201-IS1 rev.1.1, MVC201-IF1 rev.1.1, MVC201-MS1 rev.1.1, MVC201-MF1 rev.1.1, MVC201-RS1 rev.1.1 and MVC201-RS2 rev.1.1; Firmware Versions: 1.10.65.18189 and 1.10.68.18200; Bootloader Versions: 1.3.5.17849, 1.3.7.18217 and 1.3.7.17798 |
| 2164 | 06/05/2014 | CoCo OpenSSL Cryptographic Module 2.1 | CoCo Communications | Software Version: 2.1 |
| 2165 | 06/09/2014 | 3e-543 AirGuard iField Wireless Sensor Cryptographic Module | Ultra Electronics 3eTI | Hardware Version: 1.0; Firmware Version: 1.0 |
| 2166 | 06/09/2014 | Armada Mobile Processor | Marvell Semiconductor, Inc. | Hardware Versions: Armada PXA-2128[1] and Armada PXA-610[2]; Firmware Version: 2128-1.1[1] and 610-1.1[2] |
| 2167 | 06/11/2014 | Neopost Postal Security Device (PSD) | Neopost Technologies, S.A. | Hardware Version: A0014227-B; Firmware Versions: a22.17.01, a23.08.01, a28.02.01, a28.05 |
| 2168 | 06/11/2014 | OnKey193 USB Token | Tendyron Corporation | Hardware Version: 122.V102; Firmware Version: DBFips-V0.1.12-120313-C000 |

| Certificate Number | Validation / Posting Date | Module Name(s) | Vendor Name | Version Information |
|--------------------|---------------------------|---|---|---|
| 2169 | 06/11/2014 | IBM LTO Generation 6 Encrypting Tape Drive | IBM® Corporation | Hardware Versions: 00V7133 EC Level M12977 [1], 00V7137 EC Level M12977 [2], 00V7135 EC Level M12977 [3] and 00V7139 EC Level M12977 [4]; Firmware Versions: LTO6_DA86.fcp_fh_f.fmrz [1], LTO6_DA86.fcp_hh_f.fmrz [2], LTO6_DA86.sas_fh_f.fmrz [3] and LTO6_DA86.sas_hh_f.fmrz [4] |
| 2170 | 06/12/2014 | DragonWave® Secure Cryptographic Module | DragonWave Inc. | Hardware Versions: Horizon® Quantum (PN: 74-000320) and Horizon® Compact+ (PN: 74-000320) with Tamper Evident Seal (PN: 65-000185-01-01); Firmware Versions: 1.2.5 (Compact+) and 1.3 (Quantum) |
| 2171 | 06/17/2014 | HGST Ultrastar C15K600 TCG Enterprise HDDs | HGST, Inc. | Hardware Versions: HUC156060CS4205 [1], HUC156045CS4205 [1], HUC156030CS4205 [1], HUC156060CSS205 [1], HUC156045CSS205 [1], HUC156030CSS205 [1]; Firmware Version: R12E |
| 2172 | 06/17/2014 | NSM Application Cryptographic Module | McAfee, Inc. | Software Version: 7.1.15.1.11 |
| 2173 | 06/17/2014 | iLO 3 Cryptographic Module | Hewlett-Packard Development Company, L.P. | Hardware Versions:GLP: 531510-003 [1] and GXE: 438893-503 [2]; Flash Memory: (41050DL00-233-G [1,2]); NVRAM: (420102C00-244-G [1,2]); DDR3 SDRAM: (42020BJ00-216-G [1]); DDR2 SDRAM: (459715-002 [2]); Firmware Version: 1.50 |
| 2174 | 06/17/2014 | HP BladeSystem Onboard Administrator Firmware | Hewlett-Packard Development Company, L.P. | Firmware Version: 3.71 |

| Certificate Number | Validation / Posting Date | Module Name(s) | Vendor Name | Version Information |
|--------------------|---------------------------|---|---------------------|---|
| 2176 | 06/18/2014 | Cisco ASA 5505, ASA 5510, ASA 5512-X, ASA 5515-X, ASA 5520, ASA 5525-X, ASA 5540, ASA 5545-X, ASA 5550, ASA 5555-X, ASA 5580-20, ASA 5580-40, ASA 5585-X SSP-10, 5585-X SSP-20, 5585-X SSP-40 and 5585-X SSP-60 Security Appliances | Cisco Systems, Inc. | Hardware Versions: 5505 [1, 2], 5510 [1], 5520 [1], 5540 [1], 5550 [1], 5580-20 [3], 5580-40 [3], 5512-X [1], 5515-X [1], 5525-X [1], 5545-X [1], 5555-X[1], 5585-X SSP-10 [4], 5585-X SSP-20 [4], 5585-X SSP-40 [4], 5585-X SSP-60 [4] with [FIPS Kit (DS-FIPS-KIT= Rev -BO)] [1], [ASA 5505 FIPS Kit (ASA5505-FIPS-KIT Rev-A0)] [2], [ASA 5580 FIPS Kit (ASA5580-FIPS-KIT)] [3], or [ASA 5585 FIPS Kit (ASA5585-X-FIPS-KIT)] [4]; Firmware Version: 9.1.2 |

| Certificate Number | Validation / Posting Date | Module Name(s) | Vendor Name | Version Information |
|--------------------|---------------------------|------------------------------------|----------------|--|
| 2177 | 06/18/2014 | Model 600 SafeNet Encryptor | SafeNet, Inc. | Hardware Versions: 904-000019-001, 904-000021-001, 904-000020-001, 904-000022-001, 904-000024-001, 904-000023-001, 904-000025-001, 904-000027-001, 904-000026-001, 943-000031-001, 943-000032-001, 943-000033-001, 943-000035-001, 943-000034-001, 904-30013-001, 904-30013-007, 904-30013-207, 904-10014-001, 904-10014-007, 904-10014-207, 904-25005-001, 904-25005-007, 904-25005-207, 904-51100-001, 904-51100-007, 904-51100-207, 904-51120-001, 904-51120-007, 904-51120-207, 904-51140-001, 904-51140-007, 904-51140-207, 943-51130-001, 943-51130-007, 943-51130-207, 943-51150-001, 943-51150-007, 943-51150-207, 904-51101-001, 904-51101-007, 904-51101-207, 904-51121-001, 904-51121-007, 904-51121-207, 904-51141-001, 904-51141-007, 904-51141-207, 943-51131-001, 943-51131-007, 943-51131-207, 943-51151-001, 943-51151-007 and 943-51151-207; Firmware Version: 4.3 |
| 2178 | 06/18/2014 | Model 650 SafeNet Encryptor | SafeNet, Inc. | Hardware Versions: 904-000028-001, 904-000029-001, 904-000036-001, 904-53260-007, 904-53260-207, 943-53270-007, 943-53270-207, 904-53261-007, 904-53361-201, 943-53271-007 and 943-53371-201; Firmware Version: 4.3 |
| 2179 | 06/20/2014 | FortiOS 4.0 MR3 | Fortinet, Inc. | Firmware Version: FortiOS v4.0, build3767, 130920 |
| 2180 | 06/20/2014 | VMware Kernel Cryptographic Module | VMware, Inc. | Software Version: 1.0 |

| Certificate Number | Validation / Posting Date | Module Name(s) | Vendor Name | Version Information |
|--------------------|---------------------------|---|----------------------|---|
| 2181 | 06/20/2014 | VMware Java JCE (Java Cryptographic Extension) Module | VMware, Inc. | Software Version: 1.0 |
| 2182 | 06/20/2014 | Aruba RAP-3WN, RAP-3WNP, RAP-108, RAP-109, AP-114 and AP-115 Wireless Access Points | Aruba Networks, Inc. | Hardware Versions: RAP-3WN-F1, RAP-3WN-USF1, RAP-3WNP-F1, RAP-3WNP-USF1, RAP-108-F1, RAP-108-USF1, RAP-109-F1, RAP-109-USF1, AP-114-F1 and AP-115-F1 with FIPS kit 4010061-01; Firmware Version: ArubaOS 6.3.1.7-FIPS |
| 2183 | 06/25/2014 | IronKey Workspace W700 | Imation Corp. | Hardware Versions: P/Ns WGHC0B032G0001FIPS, WGHC0B064G0001FIPS, WGHC0B128G0001FIPS and WGH0B008G0010; Firmware Version: 3.0.3 |
| 2184 | 06/25/2014 | SBC 5110 and 5210 Session Border Controllers | Sonus Networks, Inc. | Hardware Versions: SBC 5110 and SBC 5210; Firmware Version: 4.0 |
| 2185 | 06/25/2014 | NSA E6500 | Dell SonicWALL | Hardware Version: P/N 101-500227-64, Rev. A; Firmware Version: SonicOS v5.9.0 |
| 2186 | 06/25/2014 | NSA 2400 and NSA 2400MX | Dell SonicWALL | Hardware Versions: P/N 101-500171-75, Rev. A (NSA 2400) and P/N 101-500270-50, Rev. A (NSA 2400MX); Firmware Version: SonicOS v5.9.0 |
| 2187 | 06/25/2014 | NSA 220, NSA 220W and NSA 240 | Dell SonicWALL | Hardware Versions: P/Ns 101-500347-62 Rev. A (NSA 220), 101-500342-50 Rev. B (NSA 220W) and 101-500193-62 Rev. A (NSA 240); Firmware Version: SonicOS v5.9.0 |
| 2188 | 06/25/2014 | NSA 3500 | Dell SonicWALL | Hardware Version: P/N 101-500248-63, Rev. B; Firmware Version: SonicOS v5.9.0 |

| Certificate Number | Validation / Posting Date | Module Name(s) | Vendor Name | Version Information |
|--------------------|---------------------------|---|-------------------------|--|
| 2189 | 06/25/2014 | NSA 4500 and NSA E5500 | Dell SonicWALL | Hardware Versions: P/Ns 101-500249-63, Rev. B (NSA 4500) and 101-500228-65, Rev. A (NSA E5500); Firmware Version: SonicOS v5.9.0 |
| 2190 | 06/25/2014 | TZ 105, TZ 105W, TZ 205, TZ 205W, TZ 210, TZ 210W, TZ 215 and TZ 215W | Dell SonicWALL | Hardware Versions: P/Ns 101-500356-56, Rev. A (TZ 105); 101-500357-57, Rev. A (TZ 105W); 101-500358-59, Rev. A (TZ 205); 101-500359-59, Rev. A (TZ 205W); 101-500244-50, Rev. A (TZ 210); 101-500214-65, Rev. A (TZ 210W); 101-500354-56, Rev. A (TZ 215); 101-500355-57, Rev. A (TZ 215W); Firmware Version: SonicOS v5.9.0 |
| 2191 | 06/25/2014 | NSA E8500 and NSA E8510 | Dell SonicWALL | Hardware Versions: P/N 101-500308-57, Rev. A (NSA E8500) and P/N 101-500344-57, Rev. A (NSA E8510); Firmware Version: SonicOS v5.9.0 |
| 2192 | 06/25/2014 | NSA E10000 Series | Dell SonicWALL | Hardware Versions: P/N 101-500340-50, Rev. A (E10100), P/N 101-500336-50, Rev. A (E10200), P/N 101-500337-50, Rev. A (E10400) and P/N 101-500280-50, Rev. A (E10800); Firmware Version: SonicOS v5.9.0 |
| 2193 | 06/25/2014 | NSA 250M and NSA 250MW | Dell SonicWALL | Hardware Versions: P/N 101-500343-58, Rev. A (NSA 250M) and P/N 101-500326-61, Rev. A (NSA 250MW); Firmware Version: SonicOS v5.9.0 |
| 2194 | 06/27/2014 | Blue Coat® Systems SSL Visibility Appliance | Blue Coat Systems, Inc. | Hardware Versions: Model: SV2800; 090-03063 and 080-03562 with FIPS Label Kit: FIPS-LABELS-SV; Firmware Version: 3.5.2 build 961 |

| Certificate Number | Validation / Posting Date | Module Name(s) | Vendor Name | Version Information |
|--------------------|---------------------------|---|-------------------------|--|
| 2195 | 06/27/2014 | ProxySG SG900-10B [1], SG900-20 [2], SG900-30 [3], SG900-45 [4] and SG900-55 [5] | Blue Coat Systems, Inc. | Hardware Versions: 090-02988 [1], 090-02989 [1], 090-02902 [2], 090-02903 [2], 090-02904 [3], 090-02905 [3], 09002908 [4], 090-02909 [4], 090-02979 [5] and 090-02980 [5] with FIPS kit 085-02742; Firmware Version: 6.5.1.103 |
| 2196 | 06/27/2014 | ProxySG SG600-10 [1], SG600-20 [2] and SG600-35 [3] | Blue Coat Systems, Inc. | Hardware Versions: 090-02911 [1], 090-02912 [1], 090-02913 [2], 090-02914 [2], 090-02915 [3] and 090-02916 [3] with FIPS kit 085-02762; Firmware Version: 6.5.1.103 |
| 2197 | 06/27/2014 | ProxySG SG9000-20 [1], SG9000-20B [2], SG9000-30 [3] and SG9000-40 [4] | Blue Coat Systems, Inc. | Hardware Versions: 090-02840 [1], 090-02839 [1], 090-02984 [2], 090-02985 [2], 090-02841 [3], 090-02842 [3], 090-02845 [4] and 090-02846 [4] with FIPS kit 085-02718; Firmware Version: 6.5.1.103 |
| 2198 | 06/27/2014 | Seagate Secure® TCG Enterprise SSC 1200 SSD Self-Encrypting Drive FIPS 140 Module | Seagate Technology LLC | Hardware Version: ST800FM0063; Firmware Version: 0002 |
| 2199 | 06/27/2014 | Aruba AP-224 and AP-225 Wireless Access Points | Aruba Networks, Inc. | Hardware Versions: AP-224-F1 and AP-225-F1 with FIPS kit 4010061-01; Firmware Version: ArubaOS 6.3.1.7-FIPS |
| 2200 | 06/27/2014 | Secure Cryptographic Module (SCM) | JVC KENWOOD Corporation | Hardware Version: P/N KWD-AE30, Version 2.0.0; Firmware Version: A3.0.1 |