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. 0049

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: _____

Dated: _____

Chief, Computer Security Division
National Institute of Standards and Technology

Signed on behalf of the Government of Canada

Signature: _____

Dated: Feb 02 / 2015

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

2/2/2015

Certificate Number	Validation / Posting Date	Module Name(s)	Vendor Name	Version Information
2298	01/08/2015	Advanced Configurable Cryptographic Environment (ACCE) v3 HSM Crypto Module	Ultra Electronics AEP	Hardware Version: 2870-G1; Firmware Version: 2r3
2302	1/9/2015	ST3 ACE Token	SecureMetric Technology Sdn. Bhd.	Hardware Version: 1.0.0
2306	01/06/2015	3e-945 AirGuard iMesh Wireless Gateway Cryptographic Module	3e Technologies International, Inc.	Hardware Version: 1.0; Firmware Version: 1.0
2307	01/06/2015	DataTraveler DT4000 G2 Series USB Flash Drive	Kingston Technology Company, Inc.	Hardware Version: DT4000 Version 1.0 [4GB, 8GB, 16GB, 32GB, 64GB, 128GB or 256GB]; Firmware Version: 3.05
2308	01/06/2015	SAP NW SSO 2.0 Secure Login Library Crypto Kernel	SAP AG	Software Version: 2.0.0.1.32
2309	01/13/2015	iSTAR Edge Door Controller	Software House, a brand of Tyco Security Products	Hardware Versions: ESTAR001, ESTAR001-POE1, ESTAR002, ESTAR002-POE1, ESTAR004 with FIPS Tamper Labels: STAR-FIPS-LBLS; Firmware Version: 6.1

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2310	01/08/2015	Brocade® FCX 624/648, ICX ™ 6610, ICX 6450, ICX 6650, ICX 7750 and SX 800/1600 Series	Brocade Communications Systems, Inc.	Hardware Versions: [FCX624S (P/N 80-1002388-08), FCX624S-HPOE-ADV (P/N 80-1002715-08), FCX624S-F-ADV (P/N 80-1002727-07), FCX648S (P/N 80-1002392-08), FCX648S-HPOE (P/N 80-1002391-10), FCX648S-HPOE-ADV (P/N 80-1002716-10), FCX-2XG (P/N 80-1002399-01), ICX 6610-24F-I (P/N 80-1005350-04), ICX 6610-24F-E (P/N 80-1005345-04), ICX 6610-24-I (P/N 80-1005348-05), ICX 6610-24-E (P/N 80-1005343-05), ICX 6610-24P-I (P/N 80-1005349-06), ICX 6610-24P-E (P/N 80-1005344-06), ICX 6610-48-I (P/N 80-1005351-05), ICX 6610-48-E (P/N 80-1005346-05), ICX 6610-48P-I (P/N 80-1005352-06), ICX 6610-48P-E (P/N 80-1005347-06), ICX 6450-24P (P/N 80-1005996-04), ICX 6450-24 (P/N 80-1005997-03), ICX 6450-48P (P/N 80-1005998-04), ICX 6450-48 (P/N 80-1005999-04), ICX 6450-C12-PD (P/N 80-1007578-01), FI-SX800-S (P/N 80-1003050-03; 80-1007143-03), FI-SX1600-AC (P/N 80-1002764-02; 80-1007137-02), FI-SX1600-DC (P/N 80-1003005-02; 80-1007138-02), SX-FISF (P/N 80-1002957-03), SX-FI-ZMR-XL (P/N 80-1006486-02), SX-FI-ZMR-XL-PREM6 (P/N 80-1007350-02), SX-FI-2XGMR-XL (P/N 80-1006607-01), SX-FI-2XGMR-XL-PREM6 (P/N 80-1007349-01), Filler Panels (P/N 11456-005; 11457-006; 18072-004), ICX6650-32-E-ADV (P/N 80-1007115-02), ICX6650-32-I-ADV (P/N 80-1007116-02), ICX6650-40-

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				E-ADV (P/N 80-1007179-03), ICX6650-40-I-ADV (P/N 80-1007181-03), ICX6650-48-E-ADV (P/N 80-1007180-03), ICX6650-48-I-ADV (P/N 80-1007182-03), ICX6650-56-E-ADV (P/N 80-1007117-03), ICX6650-56-I-ADV (P/N 80-1007118-03), ICX6650-80-E-ADV (P/N 80-1007119-03), ICX6650-80-I-ADV (P/N 80-1007120-03), ICX7750-48F (P/N 80-1007607-01), ICX7750-48C (P/N 80-1007608-01) and ICX7750-26Q (P/N 80-1007609-01)] with FIPS Kit XBR-000195; Firmware Version: IronWare R08.0.10
2311	1/9/2015	UniMate USB/TRRS PKI Token	SecuTech Solutions PTY LTD	Hardware Version: 2.11; Firmware Version: 5.1.6
2312	01/09/2015	Acme Packet 3820	Oracle Corporation	Hardware Version: A1; Firmware Version: C6.3
2313	01/09/2015	Acme Packet 4500	Oracle Corporation	Hardware Version: A1; Firmware Version: C6.3
2314	01/13/2015	Proofpoint Security Library	Proofpoint Incorporated	Software Version: 1.0
2315	01/15/2015	iSTAR Ultra Door Controller	Software House, a brand of Tyco Security Products	Hardware Versions: USTAR008, USTAR016 and USTAR-GCM-2U with FIPS Tamper Labels: STAR-FIPS-LBLS; Firmware Version: 6.1
2316	01/21/2015	NITROX XL 1600-NFBE HSM Family	Cavium Networks	Hardware Versions: P/Ns CN1610-NFBE1-3.0-FW-2.2-G, CN1620-NFBE1-3.0-FW-2.2-G, CN1620-NFBE3-3.0-FW-2.2-G, CN1610-NFBE1-2.0-FW-2.2-G, CN1620-NFBE1-2.0-FW-2.2-G and CN1620-NFBE3-2.0-FW-2.2-G; Firmware Version: CN16XX-NFBE-FW-2.2-130009

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2317	01/21/2015	Seagate Secure® TCG Enterprise SSC Self-Encrypting Drives FIPS 140 Module	Seagate Technology LLC	Hardware Versions: ST6000NM0104 [1], ST6000NM0114 [1] and ST6000NM0084 [2]; Firmware Version: 0001 [1] and ZZZZ [2]
2318	01/28/2015	Symantec DLP Cryptographic Module	Symantec Corporation	Software Version: 1.0
2319	01/28/2015	McAfee NGFW Cryptographic Library	McAfee, Inc.	Software Version: 2.0
2320	01/28/2015	IronKey S1000	Imation Corp.	Hardware Versions: P/Ns IK-S1000-04GB, IK-S1000-08GB, IK-S1000-16GB, IK-S1000-32GB, IK-S1000-64GB and IK-S1000-128GB; Firmware Version: 3.0.5
2321	01/28/2015	Dell W-7200 Series Controllers with Dell AOS FIPS Firmware	Dell, Inc.	Hardware Versions: W-7210-F1, W-7210-USF1, W-7220-F1, W-7220-USF1, W-7240-F1, W-7240-USF1 with Aruba FIPS kit 4010061-01; Firmware Version: ArubaOS 6.3.1.7-FIPS

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