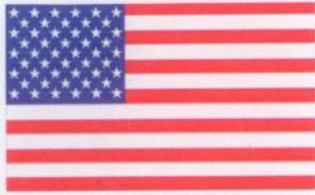


# FIPS 140-2 Consolidated Validation Certificate



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. 0009

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: DF Doch  
Dated: 14 October, 2011

Chief, Computer Security Division  
National Institute of Standards and Technology

Signed on behalf of the Government of Canada

Signature: [Signature]  
Dated: 3 October, 2011

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  |
|--------------------|---------------------------|---|--------------------------|--|
| 1594               | 9/27/2011                 | SafeNet Ethernet Encryptor, Branch Office                       | SafeNet, Inc.            | Hardware Versions: 943-5020v-004 [1] [2] and 943-50211-001 [2]; Firmware Versions: 1.0.6.4 [1] and 2.0.2 [2]   |
| 1598               | 09/02/2011                | Symantec Cross-Platform Cryptographic Module                    | Symantec Corporation     | Software Version: 1.0  |
| 1599               | 09/20/2011                | HardCache™-SL3/PC v2.1  | STMicroelectronics, Inc. | Hardware Version: STM7007  |
| 1600               | 09/08/2011                | IBM® z/OS® Version 1 Release 12 System SSL Cryptographic Module | IBM® Corporation         | Hardware Versions: FC3863 w/System Driver Level 86E, and optional CEX3A and CEX3C [CEX3A and CEX3C are separately configured versions of 4765-001 (P/N 45D6048)]; Software Version: System SSL level HCPT3C0/JCPT3C1 w/ APAR OA34156, RACF level HRF7770 and ICSF level HCR7770 w/ APAR OA34205; Firmware Version: 4765-001 (e1ced7a0) |
| 1601               | 09/08/2011                | McAfee Endpoint Encryption for PCs                              | McAfee, Inc.             | Software Version: 5.2.6  |
| 1602               | 09/20/2011                | Juniper Networks SRX5600 and SRX5800 Services Gateways          | Juniper Networks, Inc.   | Hardware Versions: (SRX5600BASE-AC, SRX5600BASE-DC, SRX5800BASE-AC and SRX5800BASE-DC) with JNPR-FIPS-TAMPER-LBLS; Firmware Version: 10.4R3  |
| 1603               | 09/20/2011                | Optical Metro 5130  | Ciena® Corporation       | Hardware Version: Chassis: NTB200BAE5 Rev: 03, S-DNM: NTB211AAE5 Rev: 02, Filler: NTB207BAE5 Rev: 02, and Seal Kit: NTB209LAE6; Firmware Version: 4.00.008.927   |
| 1604               | 09/20/2011                | Centrify Cryptographic Module                                   | Centrify Corporation     | Software Version: 1.0  |

| Certificate Number | Validation / Posting Date | Module Name(s)  | Vendor Name               | Version Information   |
|--------------------|---------------------------|---|---------------------------|---|
| 1605               | 09/26/2011                | CEP100, CEP100 VSE, CEP100-XSA, CEP1000, CEP1000-DP and CEP1000 VSE | Certes Networks, Inc.     | Hardware Versions: [CEP100, A], [CEP100 VSE, A], [CEP100-XSA, A], [CEP1000, A], [CEP1000-DP, A] and [CEP1000 VSE, A]; Firmware Version: 1.6 |
| 1606               | 09/26/2011                | Fortress Mesh Points  | Fortress(TM) Technologies | Hardware Versions: ES210, ES300, ES440, ES520v1, ES520v2 and ES820; Firmware Version: 5.3.1   |
| 1607               | 09/26/2011                | Verdasys Secure Cryptographic Module                                | Verdasys, Inc.            | Software Version: 1.0   |
| 1608               | 09/26/2011                | NonStop Volume Level Encryption (NSVLE)                             | Hewlett-Packard Company   | Software Version: 1.0   |
| 1609               | 09/26/2011                | SpectraGuard® Enterprise Sensor                                     | AirTight Networks, Inc.   | Hardware Version: SS-300-AT-C-10 with SS-FIPS-TPL; Firmware Version: 6.2.39p1   |
| 1610               | 09/26/2011                | 4 Gb/s FC I/O Module with Encryption                                | EMC Corporation           | Hardware Version: 303-176-100B B04  |
| 1612               | 9/29/2011                 | Mocana Cryptographic Loadable Kernel Module                         | Mocana Corporation        | Software Version: 5.4f  |
| 1614               | 9/30/2011                 | Mocana Cryptographic Suite B Module                                 | Mocana Corporation        | Software Version: 5.4f  |
| 1615               | 9/30/2011                 | Symantec Java Cryptographic Module                                  | Symantec Corporation      | Software Version: 1.0   |