

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. 0005

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: 6/20/2011

Chief, Computer Security Division
National Institute of Standards and Technology

Signed on behalf of the Government of Canada

Signature: _____
Dated: 2 June, 2011

Director, Architecture & Technology Assurance Group
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
1498	04/01/2011	DataSecure Appliance i150 and i450	SafeNet, Inc.	Hardware Versions: P/Ns 947-00150-001 and 947-000031-001; Firmware Version: 4.9.0
1508	03/02/2011	ASTRO CDEM Motorola Advanced Crypto Engine (MACE)	Motorola, Inc.	Hardware Version: P/N 5185912Y01; Firmware Version: R01.01.01
1523	04/05/2011	Athena IDProtect	Athena Smartcard, Inc.	Hardware Version: P/N AT90SC28872RCU Revision G; Firmware Version: 010B.9288.0303
1525	04/01/2011	Xirrus Wi-Fi Array XS4 and XS8	Xirrus, Inc.	Hardware Versions: P/Ns: 190-0092-002 Rev D1 [XS4] and 190-0091-005 Rev A1 [XS8]; Firmware Version: 3.5
1527	03/28/2011	LOK-IT™ 10 KEY (Series SDG003FM) and LOK-IT™ 5 KEY (Series SDG004FP)	Systematic Development Group, LLC	Hardware Versions: 100-SDG003-33LF REV:1 (10 Key) and 100-SDG004-00LF REV:1 (5 Key); Firmware Version: USB Controller Firmware Revision V01.12A09-F01 (10 Key and 5 Key); Security Controller Firmware Revisions SDG003FM-008 (10 Key) and SDG004FP-008 (5 Key)
1528	03/30/2011			
1529	04/01/2011	Cisco 881, Cisco 881G and Cisco 891 Integrated Services Routers (ISRs)	Cisco Systems, Inc.	Hardware Versions: 881, 881G, 891 and [FIPS Kit (CISCO-FIPS-KIT=), Revision -B0]; Firmware Version: 15.1(2)T2A
1530	04/04/2011			
1531	04/12/2011	RFS7000 RF Switch	Motorola, Inc.	Hardware Version: RFS7000; Firmware Version: 4.1.0.0-040GR
1532	04/12/2011	NetLib® Encryptionizer® DE/FIPS	NetLib®	Software Versions: 2010.201.10.0 and 2010.501.10.0

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1533	04/15/2011	Nexus 7000 10 Slot	Cisco Systems, Inc.	Hardware Version: N7K-C7010=N7K-C7010-V02, FIPS Kit (CISCO-FIPS-KIT=); Software Version: NX-OS System Software for Nexus 7000 Release 5.1(1a); NX-OS EPLD Updates for Nexus 7000 Release 5.1(1); NX-OS Kick Start for Nexus 7000 Release 5.1(1a)
1534	04/28/2011	Nexus 7000 18 Slot	Cisco Systems, Inc.	Hardware Version: N7K-C7018=N7K-C7018-V01; Software Version: NX-OS System Software for Nexus 7000 Release 5.1(1a); NX-OS EPLD Updates for Nexus 7000 Release 5.1(1); NX-OS Kick Start for Nexus 7000 Release 5.1(1a)
1535	04/28/2011	Astro Subscriber Motorola Advanced Crypto Engine (MACE)	Motorola, Inc.	Hardware Version: P/N 5185912Y01; Firmware Versions: [R01.02.00 or R01.02.01] and [R01.00.00 or (R01.00.00 and R02.00.00)]
1536	04/28/2011	Astro Subscriber Motorola Advanced Crypto Engine (MACE)	Motorola, Inc.	Hardware Version: P/N 5185912Y01; Firmware Versions: [R01.02.00 or R01.02.01] and [R01.00.00 or (R01.00.00 and R02.00.00)]
1537	04/28/2011	Brocade Mobility RFS7000 Controller	Brocade Communications Systems, Inc.	Hardware Version: RFS7000; Firmware Version: 4.1.0.0-040GR
1538	04/28/2011	Datacryptor® 100M Ethernet	Thales e-Security	Hardware Version: 1600x439; Firmware Version: 4.5
1539	05/05/2011	Xirrus Wi-Fi Array XN4, XN8, XN12 and XN16	Xirrus, Inc.	Hardware Versions: P/Ns 190-0109-001 Version D [XN4], 190-0110-002 Version B [XN8], 190-0128-001 Version D [XN12] and 190-0111-001 Version D [XN16]; Firmware Version: 4.1 or 5.0
1540	04/28/2011	XYGATE /ESDK	XYPRO Technology Corporation	Software Version: 3.3.2

Certificate Number	Validation / Posting Date	Module Name(s)	Vendor Name	Version Information
1541	04/29/2011	3e-523-F2 and 3e-523-3 Secure Multi-function Wireless Data Points	3e Technologies International, Inc.	Hardware Versions: (1.0, 1.1 or 1.2) (3e-523-F2) and 2.0 (3e-523-3); Firmware Version: 4.4
1542	05/05/2011			
1544	05/10/2011	LaserCard LCCIDProtect	LaserCard Corporation	Hardware Version: P/N AT90SC28872RCU Revision G; Firmware Version: 010B.9288.0303