

# Cryptographic Module Validation Program FIPS 140-1 and FIPS 140-2 Pre-Validation List

Updated 7/13/2007

Module Name	Vendor Name	IUT	Review Pending	In Review	Coordination	Finalization
3Com Wireless LAN Access Point AP3850F	3Com Corporation					
3Com Wireless LAN Controller WX2200	3Com Corporation					
3e-527A3 AirGuard™ Wireless Access Point	3e Technologies International, Inc.					
ActivIdentity Digital Identity Applet Suite V2 for PIV	ActivIdentity Inc.					
AirDefense M510 Sensor	AirDefense					
AirMagnet SmartEdge Sensor AM-5010-11AG, AM-5012-11AG, A5020, and A5023	AirMagnet, Inc.					
eToken PRO HD	Aladdin Knowledge Systems, Ltd.					
eToken PRO, eToken NG-OTP, and eToken NG-FLASH (128 MB, 512 MB, and 1 GB)	Aladdin Knowledge Systems, Ltd.					
VPN Firewall Bricks 50, 150, 700, and 1200	Alcatel-Lucent					
CoSign	Algorithmic Research, Ltd.					
Arcot Core Security Module	Arcot Systems, Inc.					
Aruba 200, 800, and 6000	Aruba Networks, Inc.					

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ASECard Crypto	Athena Smartcard Solutions					
Athena IDProtect	Athena Smartcard, Inc.					
CKM Enabled Eagle 144K Card	Atmel, CPI, and TECSEC					
Eagle V2 PIV Module on Atmel AT90SC12872RCFT Secure Microcontroller	Atmel, jNet and ASK Contactless Technologies					
BeCrypt DISK Protect	BeCrypt Limited					
Broadcom Crypton™ Trusted Platform Module	Broadcom					
Brocade 7500 SAN Router	Brocade					
Brocade 48000 Director with FR4-18i (FCIP/FCR) Blade	Brocade					
C4CS Lite and CSL software cryptographic modules - Level 1	C4 Technology, Inc.					
C4CS Lite and CSL software cryptographic modules - Level 2	C4 Technology, Inc.					
Nitrox XL NFB - FIPS 140-2 Level 2 Cryptographic Acceleration Boards (RoHS6 Compliant)	Cavium Networks					
Nitrox XL NFB - FIPS 140-2 Level 3 Cryptographic Acceleration Boards (RoHS6 Compliant)	Cavium Networks					
Security Builder® FIPS Module	Certicom Corp.					
Security Builder® FIPS Module Version 4.0	Certicom Corp.					
Security Builder® FIPS Module for Palm OS 5	Certicom Corporation					
	Chunghwa Telecom Co., Ltd. Telecommunication Lab					
HICOS PKI Smart Card Chip	Chunghwa Telecom Co., Ltd. Telecommunication Lab					

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CM250 (Disk Encryption Device, Multi U)	CipherMax, Inc.					
CM180D (Disk Encryption Device, 1U)	CipherMax, Inc.					
CM140T (Tape Encryption Device, 1U)	CipherMax, Inc.					
CipherOptics ESG100 and CipherOptics ESG1002	CipherOptics, Inc.					
CipherOptics SG 100 and CipherOptics SG 1002	CipherOptics, Inc.					
Cisco Integrated Service Routers 1841 with AIM-VPN/SSL-1 & Cisco 2801,2811, 2821, 2851 with AIM-VPN/SSL-2 & Cisco 3825, & 3845 with AIM-VPN/SSL-3	Cisco Systems, Inc.					
Cisco 3201 Wireless Mobile Interface Card with thermal plates	Cisco Systems, Inc.					
Cisco Catalyst 3750G Integrated WLAN Controller	Cisco Systems, Inc.					
PIX 525 and 535 (Firmware Version 7.2.2)	Cisco Systems, Inc.					
Cisco Integrated Service Routers 1841 with AIM-VPN/SSL-1 and Cisco 2801 with AIM-VPN/SSL-2	Cisco Systems, Inc.					
PIX 515 and 515E (Firmware Version 7.2.2)	Cisco Systems, Inc.					
Cisco MDS 9216i, 9513, 9506, and 9509 Multilayer SAN Switches	Cisco Systems, Inc.					
Cisco Secure ACS FIPS Module	Cisco Systems, Inc.					
Cisco Integrated Service Routers 2811 and 2821 AIM-VPN/SSL-2	Cisco Systems, Inc.					
Cisco Integrated Service Router 2851	Cisco Systems, Inc.					
Cisco Integrated Service Router 2851 with AIM-VPN/SSL-2	Cisco Systems, Inc.					
Cisco Integrated Service Routers 3825 and 3845	Cisco Systems, Inc.					

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7206VXR NPE-G1, 7206VXR NPE-G2, and 7301 with VAM2+ and 7206VXR NPE-G2 with VSA	Cisco Systems, Inc.					
Cisco Integrated Service Routers 2811 and 2821	Cisco Systems, Inc.					
Cisco Integrated Service Routers 3825 and 3845 with AIM-VPN/SSL-3	Cisco Systems, Inc.					
ASA 5510, ASA 5520, and ASA 5540	Cisco Systems, Inc.					
ASA 5505 and 5550	Cisco Systems, Inc.					
CoCo Protocol Cryptographic Library	CoCo Communications Corporation					
MTM-203 Satellite Mobile Transceiver	Comtech Mobile Datacom Corporation					
DiamondUTC(tm) (DU100-C)	Cryptek, Inc.					
DiamondSAT(tm) (DS100-C, DS200-C)	Cryptek, Inc.					
CA 100	Cryptek, Inc.					
Decru DataFort SCSI SEP v2.0	Decru, A NetApp Company					
Decru DataFort LKM SEP v1.0	Decru, A NetApp Company					
Decru DataFort NAS SEP v2.0	Decru, A NetApp Company					
Decru DataFort SAN SEP v2.0	Decru, Inc.					
CAT904 Dolby® JPEG2000/MPEG2 Processor	Dolby Laboratories Inc.					
Dolphin Board	Doremi Cinema LLC					
Kodak Content Player JMN3000	Eastman Kodak Company					

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Module Name	Vendor Name	IUT	Review Pending	In Review	Coordination	Finalization
Enterasys MX-200R and MX-216R WLAN Controllers	Enterasys Networks					
Enterasys MP-422 Access Point	Enterasys Networks					
Entrust Authority™ Security Toolkit 7.2 for the Java® Platform	Entrust, Inc.					
Entrust Security Kernel	Entrust, Inc.					
Extreme Networks Altitude300 Wireless Access	Extreme Networks, Inc.					
FortiGate - 1000A, and Fortigate - 3600	Fortinet, Inc.					
FortiGate 200A/200A-HD; 300A/300A-HD; 500A/500A-HD	Fortinet, Inc.					
Fortress Secure Wireless Access Bridge Model ES520	Fortress Technologies, Inc.					
AirFortress® Wireless Security Gateway	Fortress Technologies, Inc.					
AirFortress® Wireless Security Gateway	Fortress Technologies, Inc.					
Fortress Secure Client Bridge	Fortress Technologies, Inc.					
Fortress Secure Client	Fortress Technologies, Inc.					
Fortress Secure Client Version 3.1	Fortress Technologies, Inc.					
Fortress Secure Client Bridge	Fortress Technologies, Inc.					
FRAMA PSD-I	FRAMA AG					
Cyberflex Access 64K V2 with PKI applets	Gemalto					
SafesITe FIPS 201 Applet on GemCombi Xpresso R4 E72 PK Card	Gemplus Corporation					

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Sm@rtCafe' Expert Embedded Security	Giesecke & Devrient America, Inc.					
Cryptographic Support Library CryptFacility	Giritech A/S					
GlobalSCAPE® Cryptographic Module	GlobalSCAPE Texas, LP					
Atalla Cryptographic Subsystem (ACS)	Hewlett-Packard Company, Atalla Security Products					
Hughes Crypto Kernel	Hughes Network Systems, LLC					
Hummingbird Cryptographic Module	Hummingbird Connectivity, a Division of Open Text Corporation					
Afaria Security Manager with BeCrypt DISK Protect	iAnywhere Solutions, Inc.					
IBM CryptoLite for C	IBM® Corporation					
IBM System Storage TS1120 Tape Drive	IBM® Corporation					
IBM CryptoLite for Java JCE	IBM® Corporation					
7350 iNFINITI Satellite Router, iConnex-700, iConnex-100 and M1D1-T Universal Line Card	iDirect Technologies					
DataSecure i426, i416, i116	Ingrian Networks, Inc.					
Juniper Networks SSG 5, Juniper Networks SSG 20	Juniper Networks, Inc.					
Juniper NetScreen ISG-1000, Juniper NetScreen ISG-2000	Juniper Networks, Inc.					
Juniper Networks NetScreen-5200, Juniper Networks NetScreen-5400	Juniper Networks, Inc.					
Juniper Networks NetScreen-500	Juniper Networks, Inc.					
Juniper Networks NetScreen 5GT	Juniper Networks, Inc.					

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Juniper Networks NetScreen-204, NetScreen-208	Juniper Networks, Inc.					
Juniper Networks SSG 520M, Juniper Networks SSG 550M	Juniper Networks, Inc.					
Keycorp Limited Multos Smartcard v4.0	Keycorp Limited					
KoolSpan SecurEdge Key	KoolSpan, Inc.					
SecurEdge Lock	KoolSpan, Inc.					
MPM-1000, 70 MHz Layout 1; MPM-1000, 70 MHz Layout 2; MPM-1000, L-Band	L-3 Communications Linkabit					
Lenel OnGuard Access Control Cryptographic Module	Lenel Systems International, Inc.					
P7170IP System Portable Two-Way FM Radios	M/A Com, Inc.					
P7130IP Select, P7150IP Scan Portable and M7100IP Mobile Two-Way FM Radio	M/A Com, Inc.					
McAfee IntruShield Intrusion Prevention Appliance v4.1	McAfee, Inc.					
Kernel Security Support Provider Interface	Microsoft Corporation					
Boot Manager (bootmgr)	Microsoft Corporation					
Windows Cryptographic Primitives Library	Microsoft Corporation					
Code Integrity (ci.dll)	Microsoft Corporation					
Windows CE and Windows Mobile Enhanced Cryptographic Provider (RSAENH)	Microsoft Corporation					
BitLocker(tm) Drive Encryption	Microsoft Corporation					
Windows Server 2003 Kernel Mode Cryptographic Module (FIPS.SYS)	Microsoft Corporation					

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Module Name	Vendor Name	IUT	Review Pending	In Review	Coordination	Finalization
Winload OS Loader (winload.exe)	Microsoft Corporation					
Windows Vista Enhanced Cryptographic Provider (RSAENH)	Microsoft Corporation					
Windows Server 2003 Enhanced DSS and Diffie-Hellman Cryptographic Provider (DSSENH)	Microsoft Corporation					
Windows Vista Enhanced DSS and Diffie-Hellman Cryptographic Provider (DSSENH)	Microsoft Corporation					
Windows Server 2003 Enhanced Cryptographic Provider (RSAENH)	Microsoft Corporation					
Motorola WS5100 Wireless Switch	Motorola					
Motorola RFS7000 Wireless Switch	Motorola					
Motorola Gold Elite Gateway Secure Card (MGEG SC)	Motorola, Inc.					
Radio Network Controller Encryption Module Controller (RNC EMC)	Motorola, Inc.					
S6000 and S2500 Motorola Network Routers	Motorola, Inc.					
ASTRO Subscriber Universal Crypto Module (UCM)	Motorola, Inc.					
LX-4000T Series Console/Access Server	MRV Communications					
Level 2 nShield F3 4000, nShield F3 2000, nShield F3 2000 for netHSM, nShield F3 500, and nShield F3 500 for netHSM	nCipher Corporation Ltd.					
Level 3 nShield F3 500, nShield F3 500 for netHSM, and nShield F3 10 PCI	nCipher Corporation Ltd.					
nShield F2 4000, nShield F2 2000, and nShield F2 500	nCipher Corporation Ltd.					
Level 2 MiniHSM	nCipher Corporation Ltd.					
nToken	nCipher Corporation Ltd.					



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Level 3 nShield F3 4000, nShield F3 2000, nShield F3 2000 for netHSM, nShield F3 500, and nShield F3 500 for netHSM	nCipher Corporation Ltd.					
nShield F2 500 and nShield F2 10	nCipher Corporation Ltd.					
Level 3 MiniHSM	nCipher Corporation Ltd.					
Level 2 nShield F3 500, nShield F3 500 for netHSM, and nShield F3 10 PCI	nCipher Corporation Ltd.					
N95i/255 Secure Metering Module (SMM)	Neopost, Inc.					
CryptoStor Tape SC702R	NeoScale Systems, Inc.					
CryptoStor KeyVault™	NeoScale Systems, Inc.					
Nokia VPN Appliance	Nokia Enterprise Mobility Systems					
WLAN Access Point 2332	Nortel					
WLAN Security Switch 2382	Nortel					
WLAN Security Switch 2372	Nortel					
Eclipz ESCON Tape Encryptor	Optica Technologies Incorporated					
Oracle Cryptographic Library for SSL 10g	Oracle Corporation					
Cygnus X-2 Postal Security Device	Pitney Bowes, Inc.					
Pitney Bowes Cryptographic Coprocessor for Virtual Meter (CCV)	Pitney Bowes, Inc.					
Pitney Bowes iButton Postal Security Device (PSD)	Pitney Bowes, Inc.					
VSX 7000e and VSX 8000	Polycom Inc.					

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VSX 3000, VSX 5000, and VSX 7000s	Polycom Inc.					
Cryptographic Extension for BREW® Cryptographic Engine	QUALCOMM Inc.					
Network Security Services (NSS) Software Cryptographic Module-Level 2	Red Hat, Inc. and Sun Microsystems, Inc					
Network Security Services (NSS) Software Cryptographic Module-Level 1	Red Hat, Inc. and Sun Microsystems, Inc.					
DPHx Radio with LZA0577 or LZA0577/LZA0578 Cryptographic Module	RELM Wireless Corporation					
RSA BSAFE® Crypto-J Software Module	RSA Security, Inc					
RSA BSAFE Crypto-J JCE Provider Module	RSA Security, Inc					
RSA BSAFE Crypto-C Micro Edition (ME)	RSA Security, Inc					
Luna® PCI Cryptographic Module V2.2 - Level 3	SafeNet Inc.					
Luna® PCI Cryptographic Module for Luna IS	SafeNet, Inc.					
Luna® CA4	SafeNet, Inc.					
Luna® PCI Cryptographic Module V2.2 - Level 2	SafeNet, Inc.					
Luna® PCM	SafeNet, Inc.					
Model 400 Smart Card	SafeNet, Inc.					
SafeEnterprise SONET OC-192 Encryptor, Model 650	SafeNet, Inc.					
iKey 4000 USB Token	SafeNet, Inc.					
Ubigate (iBG3026, iBG2016) Cryptographic Module	Samsung Electronics					

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S2 FIPS DiskOnKey Controller	SanDisk Corporation					
TrustedFlash v1.0 - microSD	SanDisk Corporation					
Apollo OS Crypto on SLE66CX-PE-CE	SCsquare Ltd.					
Apollo OS Crypto on SLE66CX-PE-SC	SCsquare Ltd.					
SiNic Cryptographic System	Seclarity, Inc.					
Cryptographic Module for SecureOS®	Secure Computing Corporation					
TSP Cryptographic Module	Secure Computing Corporation					
SnapGear Cryptographic Module (SGCM) Version 3.2.0F	Secure Computing Corporation					
SUSK Security Module	Secured User, Inc					
SecureParser	Security First Corp.					
CypherNET™ 1000 Series Multi-Protocol Encryptor	Senetas Security Pty Ltd					
CypherNET™ 3000 Series Multi-Protocol Encryptor	Senetas Security Pty Ltd					
Snaptrunk	Snapshield, Ltd.					
Snapsoft	Snapshield, Ltd.					
ISTAR eX	Software House.					
SonicWALL PRO 5060c/5060f	SonicWALL, Inc.					
PTB2400	Spectralink Corporation					

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SpectralLink NetLink Wireless Telephones [e340, h340, i640], Nortel [2211], and Avaya [3616F, 3620F, 3626F]	Spectralink Corporation					
Rosetta SPYCOS	SPYRUS, Inc.					
Sterling Crypto-C	Sterling Commerce, Inc.					
Sun StorageTek T10000	Sun Microsystems					
Sun StorageTek Crypto Key Management Station	Sun Microsystems					
Sun StorageTek Token	Sun Microsystems					
Sygate Cryptographic Support Module	Sygate Technologies, Inc.					
TANDBERG MXP Codec	TANDBERG Telecom AS					
Secure Generic Sub-System (SGSS), Version 3.4	Thales e-Security					
Datacryptor® SONET/SDH OC-3/12/48/192c	Thales e-Security, Inc.					
Datacryptor® Gig Ethernet and 10 Gig Ethernet	Thales e-Security, Ltd.					
Datacryptor® Gig Ethernet v1.0 and v1.1	Thales e-Security, Ltd.					
MP-422 Mobility Point	Trapeze Networks					
MX-200R Mobility Exchange WLAN Controller	Trapeze Networks					
MX-216R Mobility Exchange WLAN Controller	Trapeze Networks					
TriCipher Common Core Library	TriCipher, Inc.					
Tumbleweed Security Kernel	Tumbleweed Communications					

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SECLIB - security library for Network Key Management Facility, Maestro IP console, and D V U	Tyco Electronics, M/A-Com Inc					
SafeGuard Cryptographic Engine	Utimaco Safeware AG					
CryptoServer CS	Utimaco Safeware AG					
VIA3 VxCrypt Cryptographic Module	VIACK Corporation					
ACE Encryption Engine	VMware Inc.					
Voltage IBE Cryptographic Module	Voltage Security, Inc.					
Symantec NetBackup Media Server Encryption Option (MSEO)	Vormetric, Inc.					
Voyager CryptoModule	Voyager Systems Inc.					
Crypto++ Library	Wei Dai					
IPE-10M	Western Datacom					
GateKeeper	Xceedium, Inc.					
GateKeeper	Xceedium, Inc.					
XS-3900-16, XS-3700-8, XS-3500-4, WFX-3900-16, WFX-3700-8, and WFX-3500-4	Xirrus, Inc.					
XYPRO XYGATE /ESDK	XYPRO Technology Corporation					
NetWeave NSK/D30	XYPRO Technology Corporation					
<b>Totals:</b>	219	106	45	24	32	11