

Cryptographic Module Validation Program FIPS 140-1 and FIPS 140-2 Modules In Process List

Updated 6/25/2010

Module Name	Vendor Name	IUT	Review Pending	In Review	Coordination	Finalization
3e-525A-3, 3e-525A-3EP, 3e-525A-3MP, 3e-525V-3 and 3e-525Ve-4 AirGuard [®] Wireless Access Points	3e Technologies International, Inc.					
3e-523-F2 and 3e-523-3 Secure Multi-function Wireless Data Points	3e Technologies International, Inc.					
AX Series Advanced Traffic Manager AX2500, AX2600, AX3000, AX5100 and AX5200	A10 Networks, Inc.					
Absolute Encryption Engine	Absolute Software Corporation					
Absolute Kernel Encryption Engine	Absolute Software Corporation					
Accellion Secure File Transfer Cryptographic Module	Accellion, Inc.					
AccessData Secure Communications FIPS 140-2 Module	AccessData Corp					
Acme Packet Net-Net 3820	Acme Packet					
Acme Packet Net-Net 4500	Acme Packet					

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Cryptographic Module for F5 and C5	ActivIdentity, Inc.					
OpenSSL NPX Cryptographic Module	Adara Networks, Inc.					
Kernel NPX Cryptographic Module	Adara Networks, Inc.					
SmartEdge Sensor A5200, A5205, A5220 and A5225 (for Design Assurance Security Level 3)	AirMagnet, Inc.					
AirMagnet Enterprise Server (for Design Assurance Security Level 3)	AirMagnet, Inc.					
SmartEdge Sensor A5200, A5205, A5220 and A5225	AirMagnet, Inc.					
AirMagnet Enterprise Server	AirMagnet, Inc.					
AirTight SpectraGuard Enterprise Server	AirTight Networks					
AirTight SpectraGuard Enterprise Sensor	AirTight Networks					
Aladdin eToken NG-FLASH (Java) and Aladdin eToken NG-OTP (Java)	Aladdin Knowledge Systems, Ltd.					
Rapidly Deployable Network	Alcatel-Lucent					
BreezeNet B	Alvarion					
BreezeAccess VL	Alvarion, Inc					
Apani Kernel Crypto Module	Apani Networks					
Apple FIPS Cryptographic Module	Apple Inc.					
CoSign	ARX (Algorithmic Research)					
PrivateServer	ARX (Algorithmic Research)					
Eagle V2 PIV Module on Atmel AT90SC12872RCFT Secure Microcontroller	Atmel, jNet and ASK Contactless Technologies					
BS-500	AudioCodes					

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AW140	AvaLAN Wireless Systems, Inc.					
AXSionics Internet Passport	AXSionics AG					
BM9931	BlockMaster AB					
Brocade 48000 Director with FR4-18i (FCIP/FCR) Blade	Brocade					
Brocade 7800	Brocade					
DCX-4S (with FX8-24 and FCoE10-24)	Brocade					
DCX (8gb) (with FX8-24 and FCoE10-24)	Brocade					
FX8-24	Brocade					
Brocade Mobility RFS7000 Controller	Brocade Communications Systems, Inc.					
Nitrox XL NFBE FIPS Cryptographic Module - Level 2	Cavium Networks					
Nitrox XL NFBE FIPS Cryptographic Module - Level 3	Cavium Networks					
NITROX XL CN16xx-NFBE HSM	Cavium Networks					
Centrify Cryptographic Module	Centrify Corporation					
Security Builder FIPS Java Module	Certicom Corp.					
Check Point IP Appliance - IP1280 and IP2450	Check Point Software Technologies Ltd.					
Check Point IP Appliance - IP260, IP1220 and IP1260	Check Point Software Technologies Ltd.					
Check Point IP Appliance - IP290 and IP690	Check Point Software Technologies Ltd.					
Check Point IP Appliance - IP390 and IP560	Check Point Software Technologies Ltd.					
Connectra	Check Point Software Technologies Ltd.					

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Cisco MDS 18/4-Port Multiservice FIPS Module	Cisco Systems, Inc.					
Cisco 5508 Wireless LAN Controller	Cisco Systems, Inc.					
Cisco ASA 5505, 5510, 5520, 5540, 5550, 5580-20, and 5580-40 Security Appliances	Cisco Systems, Inc.					
Cisco ASR 1002f, ASR 1002 with ESP5 or ESP10, ASR 1004 with RP 1 or RP 2 and ESP10 or ESP20, and ASR 1006 with dual RP 1 or RP 2 and dual ESP10 or ESP20	Cisco Systems, Inc.					
Cisco Catalyst 3750G Integrated Wireless LAN Controller	Cisco Systems, Inc.					
Cisco Aironet Lightweight AP1131, AP1142, AP1242, AP1252, AP1262, CAP3502e and CAP3502i Wireless LAN Access Points	Cisco Systems, Inc.					
Cisco Catalyst 6506, 6506-E, 6509 and 6509-E Switches with Wireless Services Module (WiSM)	Cisco Systems, Inc.					
Cisco Aironet Lightweight AP1522, AP1524PS and AP1524SB Wireless LAN Access Points	Cisco Systems, Inc.					
Cisco ASA 5580-20 and 5580-40 (firmware version 8.3.1)	Cisco Systems, Inc.					
Cisco 881, Cisco 881G, and Cisco 891	Cisco Systems, Inc.					
Cisco 1941, Cisco 2901, Cisco 2911, Cisco 2921, Cisco 2951, Cisco 3925 and Cisco 3945 Integrated Services Routers	Cisco Systems, Inc.					
Cisco ASA 5580 [Adaptive Security Appliance]	Cisco Systems, Inc.					
7206VXR NPE-G1, 7206VXR NPE-G2 and 7301 with VAM2+, and 7206VXR NPE-G2 with VSA	Cisco Systems, Inc.					
Cisco Secure Access Control Server (ACS) FIPS module (cryptolib)	Cisco Systems, Inc.					
Cisco Secure Access Control Server (ACS) FIPS module (NSS)	Cisco Systems, Inc.					
Cisco Nexus 7000	Cisco Systems, Inc.					
Clearwell E-Discovery Platform Cryptographic Module	Clearwell Systems, Inc.					
Cloakware Security Kernel	Cloakware, Inc.					
Transceiver Cryptographic Module (TCM)	Comtech Mobile Datacom Corporation					

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Data Locker Enterprise Edition	Data Locker Inc.					
CAT862 Dolby JPEG2000/MPEG2 Media Block IDC	Dolby Laboratories, Inc.					
Dolphin DCI 1.2	Doremi Cinema LLC					
IMB	Doremi Cinema LLC					
X-Wall MX	Enova					
FalconStor Cryptographic Module	FalconStor Software, Inc.					
FEITIAN-FIPS-COS	Feitian Technologies Company					
HotPort 7000-Series Wireless Mesh Nodes: HotPort 7100 and HotPort 7200	Firetide, Inc.					
FortiOS	Fortinet Inc.					
FortiMail 3.0	Fortinet Inc.					
FortiAnalyzer	Fortinet, Inc.					
Fortress Secure Bridge	Fortress Technologies, Inc.					
Symmetry Cryptographic Module	G4S Technology Limited					
TOP DL V2	Gemalto					
FIPSCrypto on Windows Server 2003	Good Technology, Inc.					
HP OpenCall HLR Cryptographic Module	Hewlett Packard«, Inc.					
NonStop Volume Level Encryption (NSVLE)	Hewlett-Packard Company					
Atalla Cryptographic Subsystem (ACS)	Hewlett-Packard Company					
LTO-5 Tape Device	Hewlett-Packard Company					

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KEY-UP Cryptographic Module	Ian Donnelly Systems, Inc.					
IBM PCI-e Cryptographic Coprocessor Security Module	IBM					
IBM System Storage TS1130 Tape Drive - Machine Type 3592, Model E06	IBM Corporation					
IBM ® z/OS ® Version 1 Release 10 System SSL Cryptographic Module	IBM Corporation					
z/OS Integrated Cryptographic System Service Facility (ICSF) PKCS #11 Cryptographic Module	IBM Corporation					
IBM Internet Security Systems SiteProtector Cryptographic Module	IBM Internet Security Systems, Inc.					
Proventia GX Series Security Appliances	IBM Internet Security Systems, Inc.					
UT-125 FIPS #10 Cryptographic Module	Icom Inc.					
SecureAgent	IDG, Inc					
Pivot Plus Flash Drive	Imation Corp					
IBM® Crypto for C	International Business Machines Corporation					
MOVEit Crypto	Ipswitch, Inc.					
Juniper SRX100, SRX210, SRX240 and SRX650 Services Gateways	Juniper Networks					
Juniper Networks LN1000 Mobile Secure Route	Juniper Networks Inc					
Juniper J-Series Services Routers: J2320, J2350, J4350, J6350	Juniper Networks, Inc.					
JUNOS-9.3-FIPS Cryptographic Module for M7i and M10i Routers	Juniper Networks, Inc.					
JUNOS-9.3-FIPS-L2 Cryptographic Module for M, MX and T Routers	Juniper Networks, Inc.					
Integral 256 bit AES Drive and Integral 256 bit AES MAC Drive	Just Rams PLC					
Kanguru Defender Elite+	Kanguru Solutions					

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Kaseya Virtual System Administrator Cryptographic Module	Kaseya International Limited					
Kingston Technology Company, Inc. DataTraveler DT4000 Series USB Flash Drive	Kingston Technology Company, Inc					
Kingston Technology Company, Inc. DataTraveler DT4000 Series USB Flash Drive	Kingston Technology Company, Inc					
KoolSpan TrustChip Developer Kit (TDK) Cryptographic Library	KoolSpan					
Lexmark PrintCryption	Lexmark International Inc.					
Cryptographic Security Kernel	LifeSize Communications, Inc.					
Lumension Cryptographic Kernel	Lumension Security, Inc.					
Solaris 2	Marvell Semiconductor Inc.					
McAfee Endpoint Encryption for PCs	McAfee, Inc.					
McAfee Endpoint Encryption Manager L2	McAfee, Inc.					
McAfee Endpoint Encryption Manager L1	McAfee, Inc.					
McAfee Endpoint Encryption for Files and Folders	McAfee, Inc.					
Network Security Platform Sensor M-8000 S	McAfee, Inc.					
Microsoft Windows 7 Kernel Mode Cryptographic Primitives Library (cng.sys)	Microsoft Corporation					
Microsoft Windows Server 2008 R2 Cryptographic Primitives Library (bcryptprimitives.dll)	Microsoft Corporation					
BitLocker™ Drive Encryption	Microsoft Corporation					
Windows Server 2008 R2 Enhanced Cryptographic Provider (RSAENH)	Microsoft Corporation					
Microsoft Windows 7 Cryptographic Primitives Library (bcryptprimitives.dll)	Microsoft Corporation					
Windows 7 Enhanced Cryptographic Provider (RSAENH)	Microsoft Corporation					

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Microsoft Windows Server 2008 R2 Kernel Mode Cryptographic Primitives Library (cng.sys)	Microsoft Corporation					
Windows Server 2008 R2 Enhanced DSS and Diffie-Hellman Cryptographic Provider (DSSENH)	Microsoft Corporation					
Windows 7 Enhanced DSS and Diffie-Hellman Cryptographic Provider (DSSENH)	Microsoft Corporation					
BitLocker™ Drive Encryption	Microsoft Corporation					
Hardware Security Module (HSM)	MicroStrain, Inc.					
MVC200-DC	MikroM GmbH					
Motorola PTP600 Series Wireless Ethernet Bridge Cryptographic Module	Motorola					
ASTRO Subscriber Universal Crypto Module (UCM)	Motorola, Inc.					
Motorola AirDefense Model 4250	Motorola, Inc.					
ASTRO PDEG Motorola Advanced Crypto Engine (MACE)	Motorola, Inc.					
RFS7000 RF Switch	Motorola, Inc.					
CryptoStor KeyVault™	NeoScale Systems, Inc.					
nFX Cinxi One	netForensics					
Nexus FIPS 140-2 Crypto Module	Nexus Wireless					
Optical Metro 5130	Nortel Networks					
Open Text Cryptographic Module	Open Text Corporation					
Alliance Key Manager	PA Townsend and Associates, Inc.					
PA-500, PA-2000, and PA-4000 Series Firewalls	Palo Alto Networks					
Persistent Systems Wave Relay Man Portable Unit	Persistent Systems, LLC					

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Persistent Systems Wave Relay Dual Radio Board	Persistent Systems, LLC					
PGP Software Developer's Kit (SDK) Cryptographic Module 4.0	PGP Corporation					
MIIKOO	Pierson Capital Technology LLC					
Pitney Bowes iButton Postal Security Device (PSD)	Pitney Bowes, Inc.					
MGC-50, MGC-100, MGC+50, and MGC+100	Polycom, Inc.					
Pragma Systems Cryptographic Module	Pragma Systems, Inc.					
InfiniVault Server	ProStor Systems, Inc.					
Scalar Key Manager	Quantum Inc.					
Qube XP-D	Qube Cinema, Inc.					
Rajant Corporation BreadCrumb ME3-24	Rajant Corporation					
Red Hat Enterprise Linux 5 OpenSSH-Server Cryptographic Module	Red Hat«, Inc.					
Red Hat Enterprise Linux 5 OpenSSH Client Cryptographic Module	Red Hat«, Inc.					
Red Hat Enterprise Linux 5 Kernel Crypto API Cryptographic Module	Red Hat®, Inc.					
Red Hat Enterprise Linux 5 OpenSwan Cryptographic Module	Red Hat®, Inc.					
BlackBerry Smartcard Reader	Research In Motion Ltd.					
BlackBerry Cryptographic Kernel	Research In Motion Ltd.					
Steelhead 520, Steelhead 1020, Steelhead 1520 and Steelhead 2020 Appliances	Riverbed Technology, Inc.					
Steelhead 250 and Steelhead 550 Appliances	Riverbed Technology, Inc.					
Steelhead 3020, Steelhead 3520, Steelhead 5520 and Steelhead 6020 Appliances	Riverbed Technology, Inc.					

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Steelhead 1050 and Steelhead 2050 Appliances	Riverbed Technology, Inc.					
Steelhead 5050 and 6050 Appliances	Riverbed Technology, Inc.					
DVP-200	Rockwell Collins					
RSA BSAFE® Crypto CDC Module	RSA Security, Inc.					
RSA BSAFE® Crypto CDC Module for MEAP	RSA Security, Inc.					
ProtectServer Internal Express (PSI-e)	SafeNet, Inc.					
SafeNet HSM Payments	SafeNet, Inc.					
ProtectServer Gold (PSG)	SafeNet, Inc.					
Luna® PCM Key Export (KE)	SafeNet, Inc.					
Luna® PCI-e 3000 and Luna® PCI-e 7000 Cryptographic Modules, V3.0 - Level 3	SafeNet, Inc.					
Luna® PCI-e 3000 and Luna® PCI-e 7000 Cryptographic Modules, V3.0 - Level 2	SafeNet, Inc.					
SafeNet Encryptor, Model 600	SafeNet, Inc.					
SafeNet Encryptor, Model 650	SafeNet, Inc.					
SafeNet Ethernet Encryptor, Branch Office	SafeNet, Inc.					
Luna® PCI 3000 and Luna PCI 7000 Cryptographic Modules, V3.0 - Level 3	SafeNet, Inc.					
Luna® PCI 7000 for Luna SA, Luna PCI 7000 for Luna SP, and Luna PCI 7000 for Luna XML Cryptographic Modules - Level 2	SafeNet, Inc.					
DataSecure Appliance i150 and i450	SafeNet, Inc.					
Luna® PCI 7000 for Luna SA, Luna PCI 7000 for Luna SP, and Luna PCI 7000 for Luna XML Cryptographic Modules - Level 3	SafeNet, Inc.					
ypsid	Sagem Orga					

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Continuum Network Security Module	Schneider Electric					
Momentum® FDE Attached Storage Drives FIPS 140 Module	Seagate Technology LLC					
Momentum® FDE Drives FIPS 140 Module	Seagate Technology LLC					
Seagate® Momentum® 7200 FDE.3 TCG Opal SSC Self-Encrypting Drives	Seagate Technology, LLC					
FinallySecure Enterprise Cryptographic Module	SECUDE AG					
Secure64 Cryptographic Module	Secure64 Software Corporation					
SecureParser®	Security First Corp.					
Private Encryption File System	SenSage, Inc.					
Snapsoft	Snapshield, Ltd.					
Snaptrunk	Snapshield, Ltd.					
NSA 240	SonicWALL, Inc.					
NSA 2400	SonicWALL, Inc.					
SRA EX6000 / SRA EX7000	SonicWALL, Inc.					
TZ 100, TZ 100W, TZ 200, TZ 200W, TZ 210 and TZ 210W	SonicWALL, Inc.					
SafeGuard Cryptographic Engine	Sophos PLC					
HYDRA PC Personal Edition FIPS Module (MR)	SPYRUS, Inc.					
Hydra PC Configurable FIPS Module	SPYRUS, Inc.					
Hydra PC FIPS Sector-based Encryption Module	SPYRUS, Inc.					
HardCache-SL3	STMicroelectronics Inc.					

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HardCache (TM)-SL3/PC v2.0	STMicroelectronics, Inc.					
Symantec Network Access Control Enforcer	Symantec Corporation					
Symantec JAVA Cryptographic Module	Symantec Corporation					
Symantec Cryptographic Module	Symantec Corporation					
TruLink Control Logic Module CL6792-M1	Telephonics Corp.					
TruLink Control Logic Module CL6882-M1	Telephonics Corp.					
DLP Cinema ® Series 2 Enigma Link Decryptor	Texas Instruments					
nShield Connect 6000, nShield Connect 1500 and nShield Connect 500	Thales - nCipher					
Thales Encryption Manager for Storage	Thales e-Security Inc.					
Trek ThumbDrive AES	Trek Technology (s) Pte Ltd					
Unisys OS 2200 Cryptographic Library	Unisys Corporation					
Uplogix 430 and 3200	Uplogix, Inc.					
SafeGuard® CryptoServer Se	Utimaco Safeware AG					
Verdasys Secure Cryptographic Module	Verdasys, Inc.					
Enhanced Bandwidth Efficient Modem (EBEM) Cryptographic Module	ViaSat, Inc.					
Voltage Encryption Toolkit 4.0	Voltage Security, Inc.					
eVOLUTION e8350 Satellite Router [1], 7350 iNFINITI Satellite Router [2], iNFINITI iConnex 700 Satellite Router [3], eVOLUTION iConnex e800 Satellite Router [4].	VT iDirect, Inc.					
XTM 2, XTM 5, XTM 8, XTM 1050, X1250e and X8500e	WatchGuard Technologies, Inc.					
Network Security Services (NSS)	Wind River Systems					

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SecureDoc® Disk Encryption Cryptographic Engine - Level 2	WinMagic Inc.					
SecureDoc® Disk Encryption Cryptographic Engine - Level 1	WinMagic Inc.					
XYGATE /ESDK 3.22	XYPRO Technology Corporation					
Totals:	231	91	53	16	51	20