



July 1, 2011

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134
USA

To Whom It May Concern:

SAIC completed its conformance review of the Cisco Systems, Inc.'s **Cisco Unified Communications Manager (Version: 8.6(1a))** (the "Product") on June 28, 2011; has found that the Product faithfully integrates the following FIPS 140-2 approved cryptographic modules:

1. OpenSSL FIPS Object Module (FIPS 140-2 Cert. #1051)
2. RSA BSAFE® Crypto-J (FIPS 140-2 Cert. #1291)
3. Red Hat Enterprise Linux 5 OpenSwan Cryptographic Module (FIPS Cert. #1386)

Specifically, SAIC's review confirmed that:

1. Each of the integrated cryptographic modules (mentioned above) are initialized in a manner that is compliant with their individual security policies
2. All of the following cryptographic operations make use of the FIPS approved implementation of the OpenSSL FIPS Object Module:
 - a. TLS for Call Processing (ccm, cti manager)
 - b. TLS for CA Service (CAPF)
 - c. TLS for Certificate Trust List (CTL) Provider
 - d. TLS for Trust Verification Services (TVS)
 - e. Certificate Generation for CA Service (CAPF)
 - f. Cisco TFTP Data Protection – encryption and authentication
 - g. COP File Authentication – digital signature verification
 - h. SSH
3. All of the following cryptographic operations make use of the FIPS approved implementation of RSA BSAFE® Crypto-J:
 - a. TLS for HTTPs (via Tomcat)
 - b. Tomcat-based web applications
 - c. TLS for Disaster Recovery System (DRS)
 - d. Certificate Management
 - e. J2SSH
4. All cryptographic operations related to IPsec make use of the Red Hat Enterprise Linux 5 OpenSwan Cryptographic Module.

Details of SAIC's review, which consisted of source code review and operational testing, can be found in the attached test plan. The configuration of the module according to the appropriate Cisco documentation is necessary to ensure that the FIPS configuration is used.

Please note that for this review, SAIC only examined the Product features referenced above and while the Product may contain other features or functionality, SAIC did not examine these during its review and makes no claims or representations regarding them. Furthermore, the Cryptographic Module Validation

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Program (CMVP) has not independently reviewed SAIC's analysis, testing, or results.

The intention of this letter is to provide independent opinion that the Product correctly integrates and uses validated cryptographic modules within the scope of claims indicated above. SAIC offers no warranties or guarantees with respect to the above described compliance review. This letter does not imply an SAIC certification or product endorsement.

Please let us know if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph Maresca", with a long horizontal flourish extending to the right.

Joseph Maresca
Laboratory Manager