



October 28, 2013

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

To Whom It May Concern:

Leidos completed its conformance review of the Cisco Systems, Inc.'s IOS-XR (Version: 4.3.2) (the "Product") on 10/28/2013 which is known to be compatible with,

1. ASR 9001 Router
2. ASR 9006 Router
3. ASR 9010 Router
4. ASR 9922 Router
5. CRS-1 4-Slot Router
6. CRS-1 8-Slot Router
7. CRS-1 16-Slot Router
8. CRS-3 4-Slot Router
9. CRS-3 8-Slot Router
10. CRS-3 16-Slot Router

Leidos conducted the compliance review testing with the following platform, ASR9001, and has found that the Product faithfully integrates the following FIPS 140-2 approved cryptographic module:

1. Cisco Common Cryptographic Module (C3M) version 0.9.8r.1.1 – Cert. #1643

Specifically, Leidos'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 cryptographic algorithms used for SSH v2, SSL 3.1/TLS 1.0, IPSEC in OSPF, RSA Key Generation, SNMP v3 used for session establishment, are offloaded to Cisco Common Cryptographic Module (C3M) – Cert. #1643.
3. Bulk data encryption (via SSH v2, SSL 3.1/ TLS 1.0, IPSEC in OSPF and SNMP v3) for the established SSH, SSL/TLS, IPSEC and SNMP secure connection uses the Cisco Common Cryptographic Module (C3M) – Cert. #1643.

Details of Leidos's review, which consisted of source code review and operational testing, are obtainable by special request.

Please note that for this review, Leidos only examined the Product features referenced above and while the Product may contain other features or functionality, Leidos did not examine these during its review and makes no claims or representations regarding them. Furthermore, the Cryptographic Module Validation Program (CMVP) has not independently reviewed Leidos'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. Leidos offers no warranties or guarantees with respect to the above described compliance review. This letter does not imply a Leidos certification or product endorsement.

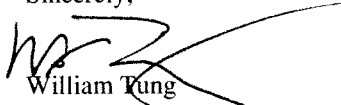
Leidos, Inc.

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Please let us know if you have any questions.

Sincerely,



William Tung
Laboratory Manager

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