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June 18, 2018

To Whom It May Concern:

Acumen Security verified that the following software faithfully embeds a FIPS 140-2 validated cryptographic module,

- IOS 15.2

The software version is known to operate on the following hardware platform(s):

- CGS 2520
- IE 2000
- IE 4000
- IE 5000

During the review, Acumen Security confirmed that the following cryptographic module is properly incorporated into the product:

- IOS Common Cryptographic Module (IC2M) Rel5 FIPS 140-2 – Cert #2388

As part of the review, the software was tested on all of the hardware platforms.

Acumen Security confirmed that the following features leverage the embedded cryptographic module to provide cryptographic services for **IKE/IPsec, SNMPv3, 802.1x, TLS and SSH.**

- Session establishment supporting each service,
- All underlying cryptographic algorithms supporting each services' key derivation functions,
- Hashing for each service.
- Symmetric encryption for each service.

Details of the verification may be obtained from Cisco Systems, Inc. at the request of interested parties. This letter represents the independent opinions of Acumen Security and does not imply endorsement of the product by the CMVP or any other parties.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ashit Vora', is written over a light blue horizontal line.

Ashit Vora
Laboratory Director