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To Whom It May Concern,

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

- IOS XR version 7.0

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

- Cisco 8200 Series Routers
- Cisco 8800 Series Routers

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

- Cisco FIPS Object Module Version: 6.2, FIPS 140-2 certificate #2984

Acumen Security confirmed that the following features leverage the embedded cryptographic module to provide cryptographic services.

1. Session establishment supporting the following service:
   - SSHv2
2. All underlying cryptographic algorithms supporting the following service key derivation function:
   - SSHv2
3. Hashing for the following services:
   - SSHv2
   - SNMPv3
4. Asymmetric key based encryption/authentication for the following services:
   - SSHv2
   - RSA Key Generation
5. Symmetric encryption/decryption for the following services:
   - SSHv2
   - SNMPv3

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,

Ashit Vora
Laboratory Director
Acumen Security