March 28, 2016

To whom it may concern,

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

- Acano Server Firmware (v1.8)

As part of the review, the software was tested, as follows:

- Acano Server Firmware (v1.8) running within a VMware ESXi Hypervisor

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

- OpenSSL FIPS Object Module SE, version 2.0, FIPS 140-2 certificate # 2398

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

- Encryption, Diffie-Hellman, and hashing associated with the following services:
  - SSH,
  - HTTPS (TLS)
  - XMPP (TLS)
  - SIP-TLS (TLS)
  - SYSLOG (TLS)
  - H.235
- Asymmetric authentication associated with the following services:
  - SSH,
  - HTTPS (TLS)
  - XMPP (TLS)
  - SIP-TLS (TLS)
  - SYSLOG (TLS)

Each of the above referenced services can be configured in a manner that restricts algorithm selection to only FIPS 140-2 approved algorithms.

Additionally, Acumen Security confirmed that the above referenced embedded cryptographic module is initialized in a manner consistent with the instructions provided in the non-proprietary Security Policy. 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