

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**atsec information security corporation**

9130 Jollyville Road  
Suite 260  
Austin, TX 78759-7473  
Ryan Hill  
Phone: 512-615-7393 Fax: 512-615-7301  
Email: ryan@atsec.com  
<http://www.atsec.com>

**ITST: CRYPTOGRAPHIC AND SECURITY  
TESTING**

**NVLAP LAB CODE 200658-0**

**Basic Cryptographic and Security Testing**

<u>Code</u>	<u>Description</u>
17BCS	Basic Cryptographic and Security Testing

**Cryptographic Algorithm Validation Testing**

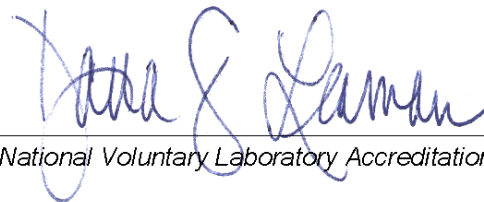
<u>Code</u>	<u>Description</u>
17CAV	Cryptographic Algorithm Validation Testing
17CAV/01	NIST - Cryptographic Algorithm Validation System (CAVS) for all FIPS-approved and NIST-recommended security functions as required in FIPS PUB 140-2 Annex A (and all superseded versions)

**Automated Cryptographic Validation Testing (ACVT)**

<u>Code</u>	<u>Description</u>
17ACVT/01	Automated Cryptographic Validation Testing (ACVT) for all FIPS-approved and/or NIST-recommended security functions as required in FIPS 140-2 Annexes (and all superseded versions)

**Cryptographic Modules - Hardware 1 Testing**

<u>Code</u>	<u>Description</u>
17CMH1	Cryptographic Modules - Hardware 1 Testing (FIPS 140-2 or successor, Security Level 1 to 3)



For the National Voluntary Laboratory Accreditation Program

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- 17CMH1/01 All test methods in accordance with FIPS 140-1, except those listed in 17CMH2/01
- 17CMH1/02 All test methods in accordance with FIPS 140-2, except those listed in 17CMH2/02 and CAVS

**Cryptographic Modules - Hardware 2 Testing**

<b><u>Code</u></b>	<b><u>Description</u></b>
17CMH2	Cryptographic Modules - Hardware 2 Testing (FIPS 140-2 or successor, Security Level 4 and above)
17CMH2/01	Test methods for Physical Security Level 4, in accordance with FIPS 140-1
17CMH2/02	Test methods for Physical Security Level 4, in accordance with FIPS 140-2

**Cryptographic Modules - Software 1 Testing**

<b><u>Code</u></b>	<b><u>Description</u></b>
17CMS1	Cryptographic Modules - Software 1 Testing (FIPS 140-2 or successor, Security Level 1 to 3)
17CMS1/01	All test methods in accordance with FIPS 140-1, except those listed in 17CMS2/01
17CMS1/02	All test methods in accordance with FIPS 140-2, except those listed in 17CMS2/02 and CAVS

**Cryptographic Modules - Software 2 Testing**

<b><u>Code</u></b>	<b><u>Description</u></b>
17CMS2	Cryptographic Modules - Software 2 Testing (FIPS 140-2 or successor, Security Level 4 and above)
17CMS2/01	Test methods for Software Security Level 4, in accordance with FIPS 140-1
17CMS2/02	Test methods for Software Security Level 4, in accordance with FIPS 140-2

**Personal Identity Verification Testing**

<b><u>Code</u></b>	<b><u>Description</u></b>
17PIV	Personal Identity Verification Testing (NPIVP, FIPS 201)
17PIV/01	PIV Card Applications Conformance Test Suite for products meeting specifications in the Federal Information Processing Standard 201 and NIST Special Publication 800-73 or their successors
17PIV/02	PIV Middleware Conformance Test Suite for products meeting specifications in the Federal Information Processing Standard 201 and NIST Special Publication 800-73 or their successors

**General Services Administration Precursor Testing**

<b><u>Code</u></b>	<b><u>Description</u></b>
17GSAP	General Services Administration Precursor Testing (GSAP test methods, FIPS 201)

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17GSAP/01	FIPS 201 Evaluation Program - Electromagnetically Opaque Sleeve
17GSAP/02	FIPS 201 Evaluation Program - Electronic Personalization
17GSAP/03	FIPS 201 Evaluation Program - PIV Card
17GSAP/04	FIPS 201 Evaluation Program - PIV Card Reader - Authentication Key
17GSAP/05	FIPS 201 Evaluation Program - PIV Card Reader - Biometric
17GSAP/06	FIPS 201 Evaluation Program - PIV Card Reader - CHUID (Contact)
17GSAP/07	FIPS 201 Evaluation Program - PIV Card Reader - CHUID (Contactless)
17GSAP/08	FIPS 201 Evaluation Program - PIV Card Reader - Transparent
17GSAP/09	FIPS 201 Evaluation Program - Template Generator
17GSAP/10	FIPS 201 Evaluation Program - Card Printer Station
17GSAP/11	FIPS 201 Evaluation Program - CHUID Authentication Reader (Contact)
17GSAP/12	FIPS 201 Evaluation Program - CHUID Authentication Reader (Contactless)
17GSAP/13	FIPS 201 Evaluation Program - Template Graphical Personalization
17GSAP/14	FIPS 201 Evaluation Program - Facial Image Capturing Camera
17GSAP/15	FIPS 201 Evaluation Program - Biometric Authentication System
17GSAP/16	FIPS 201 Evaluation Program - CAK Authentication System
17GSAP/17	FIPS 201 Evaluation Program - Certificate Validator
17GSAP/18	FIPS 201 Evaluation Program - Certificate Validator (without authentication)
17GSAP/19	FIPS 201 Evaluation Program - Card Reader - Biometric Authentication
17GSAP/20	FIPS 201 Evaluation Program - CHUID Authentication System
17GSAP/21	FIPS 201 Evaluation Program - Facial Image Capturing (Middleware)
17GSAP/22	FIPS 201 Evaluation Program - PIV Authentication System
17GSAP/23	FIPS 201 Evaluation Program - SCVP Client
17GSAP/24	FIPS 201 Evaluation Program - SCVP Client (without authentication)

**Security Content Automation Protocol Testing**

<b><i>Code</i></b>	<b><i>Description</i></b>
17SCAP	Security Content Automation Protocol Testing (SCAP, CVE, CCE, CPE, CVSS, XCCDF and OVAL)
17SCAP/01	eXtensible Configuration Checklist Description Format (XCCDF)
17SCAP/02	Open Vulnerability and Assessment Language (OVAL)
17SCAP/03	Open Checklist Interactive Language (OCIL)
17SCAP/04	Common Vulnerabilities and Exposures (CVE)
17SCAP/05	Common Configuration Enumeration (CCE)
17SCAP/06	Common Platform Enumeration (CPE)
17SCAP/07	Common Configuration Scoring System (CCSS)
17SCAP/08	Common Vulnerability Scoring System (CVSS)
17SCAP/09	Asset Identification
17SCAP/10	Asset Reporting Format (ARF)
17SCAP/11	Trust Model for Security Automation Data (TMSAD)
17SCAP/12	Security Content Automation Protocol (SCAP)