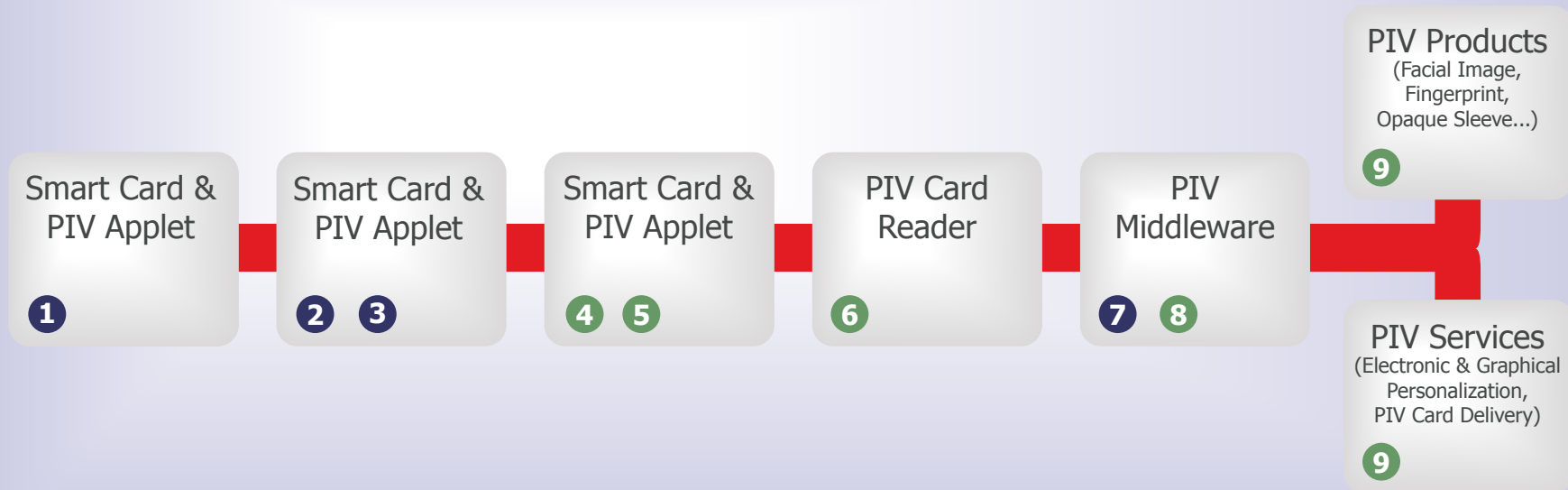


FIPS 201 Compliant Identity and Access Solution



NIST PIV Program Governed Testing

- 1 NPIVP PIV card applet certification
- 2 CAVP CAVS certification
- 3 CMVP FIPS 140-2 certification
- 7 NPIVP middleware certification

GSA FIPS 201 Evaluation Program (EP)

- 4 GSA VTDR and GSA lab testing
- 5 GSA PIV card approval
- 6 GSA card reader approval
- 8 GSA middleware approval
- 9 GSA EP approval of additional FIPS 201 products and services



GSA FIPS 201 EP Approval Mechanisms

(see Lab. Spec. Approval Mechanisms Section)

The Vendor Test Data Report (VTDR ● = required)¹ is a technical report submitted by the Vendor/Supplier demonstrating the conformance of the product or service to one or more requirements for that category.

The requirements for the VTDRs are published on the GSA EP web site as documented in each product or service's approval procedure.

The submitted test report is reviewed by the lab to determine whether the product or service meets the given requirements and should be forwarded to the laboratory.

The VTDR must contain sufficient data to show that each applicable VTDR requirement is met.

The Laboratory Test Data Report (LTDR) is a technical report produced by the laboratory during the evaluation demonstrating the conformance of the product or service to one or more requirements for that category.

The Vendor Documentation Review (VDR) is performed by the laboratory as part of the evaluation process. In this activity, the vendor supplies product or services documentation to the lab for their review.

The Site Visit (●) is performed **by the laboratory** as part of the evaluation process for services with an onsite component such as electronic personalization, graphical personalization and PIV card delivery. Site visits not only include documentation review but may also include observing the actual process being carried out. Service Providers need to have equipment and processes in place for identity authentication and verification to demonstrate execution of the PIV Card Delivery Service.

Pre-requisite Certifications (●) are verified **by the laboratory** as part of the evaluation process. The laboratory reviews existing certificates such as the FIPS 140-2 or NPIVP certificates, checking for applicability and conformance with the GSA requirements for the certification. Note: pre-requisite certificates listed do not include additional FIPS 201 EP Approved Products that may be required such as SCVP Clients or Template Matchers.

Categories

- ³ Biometric Authentication System
- ³ Caching Status Proxy
- ³ CAK Authentication System
- Card Printer Station
- ⁴⁹ Certificate Validator
- ⁴⁹ Certificate Validator (Without Authentication)
- ³ CHUID Authentication System
- ³ Cryptographic Module
- Electromagnetically Opaque Sleeve
- ⁴⁷ Electronic Personalization (Product)
- Facial Image Capturing Camera
- Facial Image Capturing (Middleware)
- ²⁶ Fingerprint Capture Station
- ¹⁶ Single Fingerprint Capture Device
- ⁴ OCSP Responder
- ⁴⁸ PIV Card
- ³ PIV Card Reader – Authentication Key
- ¹³⁶ PIV Card Reader – Biometric
- ¹³⁶ PIV Card Reader – Biometric Authentication
- ³ PIV Card Reader – CHUID Authentication (Contactless)
- ³ PIV Card Reader – CHUID Authentication (Contact)
- PIV Card Reader – CHIUD (Contactless)
- PIV Card Reader – CHIUD (Contact)
- PIV Card Reader – Transparent
- ³ PIV Authentication System
- ⁵ PIV Middleware
- ³ SCVP Client
- ³ SCVP Client (Without Authentication)
- ⁶ Template Generator
- ⁶ Template Matcher

Services

- ⁴⁷ Electronic Personalization Service
- Graphical Personalization Service
- PIV Card Delivery

- | | |
|--------------------------------|---|
| 1 FBI PIV Spec 071006 (FBI) | 6 SP 800-76 (MINEX) |
| 2 FBI Elec. F'print Spec (FBI) | 7 SP 800-76-1 (MINEX) |
| 3 FIPS 140-2 Level 1 (CMVP) | 8 SP 800-85 (NPIVP) |
| 4 FIPS 140-2 Level 2 (CMVP) | 9 Federal PKI Policy Authority (PD-VAL) |
| 5 SP 800-73 (NPIVP) | |

Web Addresses

GSA FIPS 201 EP:

fips201ep.cio.gov

FIPS 201 Evaluation Program Approved Products List (APL):

fips201ep.cio.gov/apl.php

FIPS 201 EP FAQ:

fips201ep.cio.gov/faqList.php

FIPS 201 Supplier's Handbook:

fips201ep.cio.gov/documents/Suppliers_Handbook_v5.0.0.pdf

FIPS 140-2 Crypto Module Validation Program:

csrc.nist.gov/groups/STM/cmvp/index.html

NIST PIV Program:

csrc.nist.gov/groups/SNS/piv/npivp/index.html

FIPS 201 Standard:

csrc.nist.gov/publications/fips/fips201-1/FIPS-201-1-chng1.pdf

FBI IAFIS:

fbi.gov/hq/cjisd/iafis/cert.htm

MINEX:

fingerprint.nist.gov/minex/

Government Smart Card Handbook:

smartcard.gov/information/smartcardhandbook.pdf

General Commercial Web Site:

www.FIPS201.com

atsec information security corp.:

www.atsec.com

1 FIPS 201 Evaluation Program — Suppliers Policies and Procedures Handbook