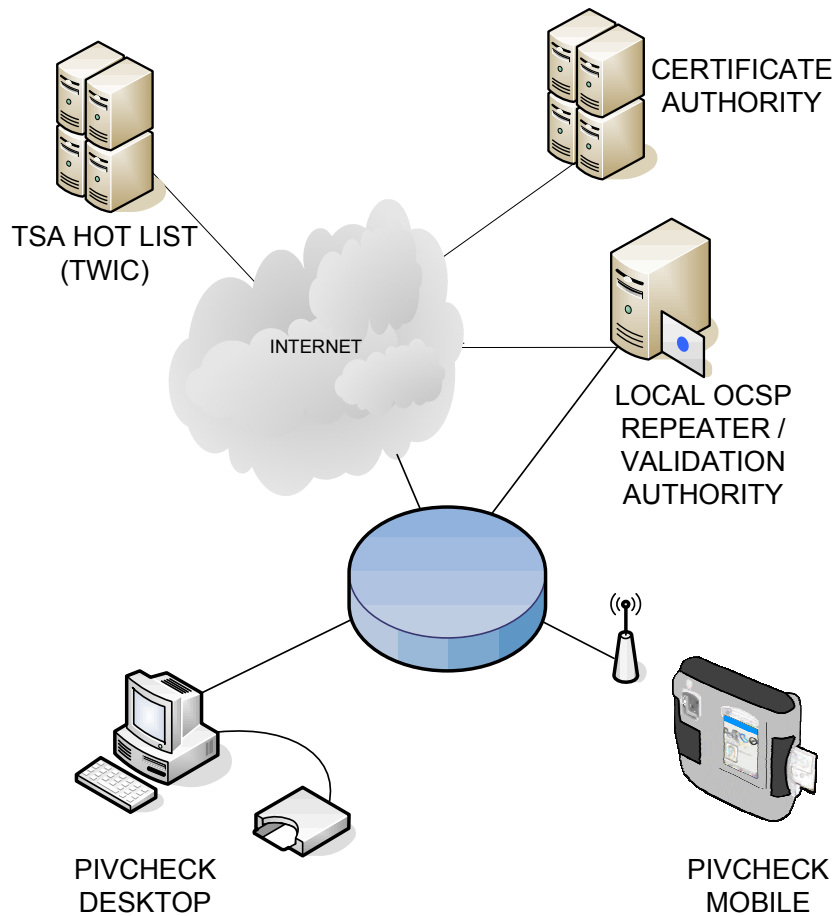


Mobile and workstation-based solutions for PIV and TWIC cardholder verification



Key Benefits:

- Enables FIPS 201-compliant validation
- Modular solution providing maximum deployment flexibility
- Operates with COTS FIPS 201 PIV-II and ANSI INCITS 378-compliant fingerprint capture devices
- Supports PIV, NG CAC, and TWIC credentials

PIVCheck Mobile Edition™ is a mobile hardware and software solution, with Ethernet, WiFi, and GSM connectivity that provides strong, three-factor authentication, managing the acquisition of cardholder data from a smart card and performing on-card biometric matching. Digital certificates are verified using the issuer's validation authority, OCSP responder or repeater. All cards are validated using FIPS-201 challenge-response in order to identify forged or cloned cards. PIVCheck validates all PIV, TWIC, NG CAC, and FRAC cards. TWIC card FASC-Ns are also verified against a live or cached TSA Hot List.

PIVCheck Desktop Edition™ is a software solution that is deployed on a PC or laptop and uses USB-based compatible fingerprint and smart card readers. PIVCheck Desktop has the same look, feel and functionality as PIVCheck Mobile.

Features:

- Simple graphic driven process for ease of use.
- Real-time certificate validation directly from handheld and desktop applications.
- If no network connectivity, can use cached TSA Hot List and/or Certificate Revocation Lists.
- Upgrade modules include audit trail reporting, Wiegand door control, PACS registration and automated certificate re-validation and revocation.



PIVCheck 3-Factor Validation Process



Something you have. FIPS 201-compliant credential is inserted in reader. Information is retrieved from the card for CAK validation.



Something you know. Stored PIN is compared to user entry for validation. PIN is entered via on-screen random keypad.



Something you are. Stored biometric is compared to user entry for validation using NIST- and MINIX-certified template generator and matching algorithm.



Not authenticated. Occurs if invalid PIN is entered, card is expired/cloned/forged, biometric doesn't match, one or more certificates are revoked, or FASC-N is on TSA hot list.



Authenticated. Indicates PIN and biometric matched, card is valid, not expired, certificates are not revoked, and FASC-N is not on TSA TWIC hot list.



Supports all FIPS 201-compliant credentials:

- Department of Defense (PIV-II and NG CAC)
- Transportation Worker Identification Credential (TWIC)
- First Responder Authentication Credential (FRAC)

Model	Model Name	Description
PVC-M	PIVCheck Mobile	PIVCheck Mobile software with Datastrip DSV2+ ^{Turbo}
PVC-M/S	PIVCheck Mobile SWO	PIVCheck Mobile software only
PVC-D/S	PIVCheck Desktop SWO	PIVCheck Desktop software only

Requirements:

PIVCheck Mobile	Operates on the Datastrip DSV2+ ^{Turbo} biometric mobile terminal which may include 802.11 Communication Module, Dual Grip Battery Cover, and NEC fingerprint matching options. GSM, GPRS cards and services are available but not included.
PIVCheck Desktop	Operates on Intel-based PC with minimum 1.8 GHz CPU, 1GB RAM, 40 GB hard disk, and Microsoft Windows XP SP2, Windows 2003 Server, Vista Business Editions with Microsoft .NET Framework 2.0. Supports Identix BTO-500, Secugen Hamster, Lumidigm Venus, and Cogent CSD301 fingerprint capture devices and most USB-based smart card readers.
Network	For real-time card validation, network connectivity with validation authorities is required. For real time TWIC validation, Internet connectivity is required.