



Transportation Security Administration Transportation Worker Identification Credential

Personalization of a TWIC™

The following items are printed on a card at personalization:

- Photograph
- Name
- Expiration Date
- Agency Code
- Card Serial Number and Bar Code

The following items are personalized electronically:

- Integrated Circuit Chip
 - PIV Data Model
 - Card Capability Container
 - CHUID
 - PIV Authentication Key
 - Fingerprint Templates
 - Photograph
 - Digital Signature Key
 - Key Management Key
 - Card Authentication Key
 - Security Object
 - TWIC Data Model
 - Signed CHUID
 - Unsigned CHUID
 - TWIC Privacy Key
 - Fingerprint Templates
 - Security Object
- Magnetic Stripe
 - TWIC Privacy Key

Some Methods of Identification / Authentication

Visual Check – Perform a visual inspection of the TWIC™ and verify the presence of security features, expiration date and a visual comparison of the photo on the card to the individual presenting the card

CHUID Check – Verify the CHUID is granted access in the PACS and / or verify the digital signature of the CHUID and verify the CHUID is not on the Hotlist

Biometric Check – Authenticate the individual by performing a 1:1 fingerprint biometric match against the fingerprint template stored in the TWIC™

PIN Verification – Require the cardholder to enter the correct PIN number that is stored in the TWIC™

Digital Photo Check – Visually compare the photo stored in the TWIC™ with the individual presenting the card

Card Authentication – Verify the card is authenticate and not cloned by performing a private key operation