NEW ID-One PIV®
243 Card

APR2028

Affiliation
Contractor

Agency/Department
IDEMIA Public
Security

Issued
2025APR14
Expires
2028APR14

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ID-One PIV® 2.4.3
FIPS 140-3 validated

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IDEMIA
PUBLIC SECURITY

INTRODUCING THE LATEST GENERATION OF PIV CARDS: THE ID-ONE PIV® 243

This card is the first PIV card to be added to the General Services Administration (GSA)'s Approved Products List (APL) in four years, after being awarded NIST FIPS 140-3 level 2 certification.

All U.S. federal government agencies and federal contractors are required to purchase only products on the GSA APL, ensuring optimal interoperability and conformance with the technical specifications of NIST's Federal Information Processing Standard (FIPS) 201-3 for a Personal Identity Verification (PIV) system and meet the control, interoperability, and security objectives of Homeland Security Presidential Directive-12 (HSPD-12).

IDEMIA's cards and applets are intentionally designed to exceed FIPS 201 PIV specifications. The addition of the card underscores IDEMIA's commitment to providing trusted solutions to customers amid the ever-evolving cybersecurity landscape.

ID-One PIV® cards offer a versatile 3-in-1 solution for visual identification, physical access, and logical access, including an optional FIDO applet to accommodate non PIV-enabled agency applications. In addition to access, the card can be used for digitally signing emails and encrypting/decrypting data, providing an essential tool for strengthening enterprise security infrastructure and protecting our nation's critical infrastructure, data, and networks. While initially developed for federal employees and contractors, the card can also be configured for state, local, civilian and commercial enterprise use as well.

Highlights

- First product to be added to GSA Approved PIV Cards List in four years

- First to receive FIPS 140-3 Level 2 certification

- Future-proofed to exceed FIPS 201 specifications

NEW FEATURES AND ENHANCEMENTS

- Quantum-resistant cryptographic algorithms that support longer key lengths.

- On-card comparison for fingerprints, face, and iris.

- Built-in support for OAuth with HMAC-based and time-based One-Time Password (OTP).

- Extended PIN lengths and PIN formats.

- One-step reset for recycling of visitor cards.

- Virtual Contactless interface (VCI) permitting contactless communications with mobile phones and tablets.

- Biometric data encryption, irrespective of communication interface (contact or contactless).

FIND YOUR FORMAT

In addition to the PIV Smartcards, the FIPS 140-3 and FIPS 201-3 validated cryptographic module of the ID-One PIV® 243 card is used in IDEMIA's new USB security key, the ID-One Key™ Bolt. These USB-A/C based security keys offer a convenient form factor for digital authentication, and an ideal solution for generating derived PIV credentials.

As a global leader in the delivery of secure identity solutions, IDEMIA offers a range of solutions for securing both facilities and critical digital assets, including hardware tokens for phishing-resistant multifactor authentication and identity and credentialing access management in response to OMB's Memo M-22-09 ("Moving the U.S. Government Toward Zero Trust Cybersecurity Principles").

To learn more about our smart credentials product offering, click here.

To learn more about the PIV standard and the importance of certification, click here.