

MyID CMS PIV

| FIPS 201 Credential Management for Federal Agencies



MyID® CMS PIV is the US Federal edition of Intercede's credential management system. It issues and lifecycle manages FIPS 201 Personal Identity Verification cards, from enrollment through to termination. One installation supports PIV, PIV-I and CIV, and issues derived credentials to mobile, virtual smart cards and passkeys.

Aligned with standards that matter most for US federal Identity

FIPS 201-3

Personal Identity Verification of Federal Employees and Contractors, latest revision. Logical and physical credentials on one card.

NIST SP 800-76

Biometric data specification for PIV. Fingerprint capture, facial image capture, conformant templates.

HSPD-12

Homeland Security Presidential Directive 12. Common identification standard for federal employees and contractors, the foundation of PIV.

NIST SP 800-73

PIV card data model and interface specification. MyID supports cards that comply with SP 800-73-4, personalised in compliance with the specification.

NIST SP 800-78

Cryptographic algorithms and key sizes for PIV. Approved algorithms, validated in deployment.

Executive Order 14028

Software Bill of Materials (SBOM) and supply chain security. In line with the US Executive Order on Improving the Nation's Cybersecurity, an SBOM for MyID is available on request to support federal procurement.

HIGHLIGHTS

Comprehensive Compliance

PIV, PIV-I and CIV are supported within a single MyID CMS installation, with each population individually scoped and audited.

Separation of duties

FIPS 201-3 needs more than one operator, and MyID enforces it at every step.

Diverse 9B keys in hardware

PIV compliant builds diversify 9B keys in the HSM, one per card serial number.

Derived, not re-enrolled

Cardholders derive credentials from a PIV card issued by MyID or another system.

Passkeys under agency control

Enterprise attestation, minimum PIN length and forced reset keep passkeys secure.

Audit you can verify

Signed audit records with client location, checked by the Audit Verifier Tool.

RELATED DOCUMENTS

The PIV Integration Guide, Installation and Configuration Guide and Administration Guide are available from Intercede support.

Product Version: MyID CMS PIV v2026.2



Feature List

MyID PIV CMS builds on all the capabilities of **MyID Enterprise**, to add features designed to meet the strict technical requirements for Government & Defence grade credential management programs.

MyID PIV CMS adds data attributes, biometric support and PIV smart card personalization to meet US Government requirements for FIPS-201 smart card production. Additionally, it provides features to securely issue PIV Derived Credentials in accordance with the US Government requirements.

MyID PIV IDMS is an optional add-on to **MyID PIV CMS** that provides PIV applicant enrolment and adjudication, enabling MyID to act as a full IDCMS (Identity and Credential Management System).

PIV SMARTCARD MANAGEMENT

Smartcard Personalization

- FIPS-201 compliant smartcard personalization

Smartcard Printing

- FIPS-201 compliant smart card printing templates

PIV Card Issuance Process

- Single or Multi-stage card production incorporating pre-personalization, then activation
- Integration with off-site PIV Card production bureau for pre-personalization
- Self-service or operator-assisted card activation processes including fingerprint verification
- Cryptographically verified acceptance of terms and conditions at activation

PIV Card Import

- Import existing PIV Card data & certificates for management through MyID PIV CMS
- Includes import of data attributes and biometrics
- Available as a user operation (PIN authentication required) or import using MyID Core APIs
- CMS can then manage Change PIN, Cancel Credential & Enable/Disable operations against the importing PIV card (certificate revocation depends on a connection to the issuing certificate authority)
- Ideal for transitioning from other PIV issuance services or CMS products to MyID

CERTIFICATE AUTHORITY INTEGRATION

- Creation and management of PIV certificate attributes in accordance with FIPS-201
- Optional integration with MyID SecureVault as a CA independent Key Escrow database

PIV CARD LIFECYCLE

- Self-service and operator-assisted PIN reset processes incorporating fingerprint verification
- Managed card replacement & renewal in accordance with FIPS-201 processes

PIV DERIVED CREDENTIALS

- SP800-157 compliant derived credential solution
- Enables alternative form factors and credential types to be received by the PIV Cardholder
 - Certificates on mobile, security keys, Windows Hello and smart card
 - FIDO passkeys on platform authenticators (e.g Mobile) and Security Keys
- Web browser or full-screen kiosk self-service request processes
- Accepts externally issued PIV cards with 'trusted issuer' policy controls
- Highly configurable policies to map certificate attributes to available types of derived credentials
- Mobile Device Management integration
 - Enables delivery of certificates to MDM managed devices
 - Device status checks against the MDM
 - Microsoft Intune, Omnisia Workspace One, Blackberry UEM
- 7-day, then ongoing revocation checks against originating PIV credential
- APIs for external issuers to trigger derived credential revocation

USER MANAGEMENT

- Dedicated PIV attribute forms and enrolment process
- MyID Core API enables import from external data sources
- Single fingerprint biometric enrolment & verification
- User approval process marking completion of enrolment
- Optional integration with MyID SecureVault as a biometric data store

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MyID PIV IDMS Feature List

PIV IDENTITY MANAGEMENT

- Managed enrolment process that integrates several workstation features & adjudication integrations
- Export fingerprint data using EFT (Electronic Fingerprint Transmission) format for agency data sharing

WORKSTATION FEATURES (OPTIONAL)

- Facial biometric capture
 - Enrol using web cams or digital SLR cameras
 - Quality/position checks with live feedback ensuring compliant images
- Ten-slap fingerprint capture
 - Multi-fingerprint and thumb print enrolment & segmentation
 - Quality scores and thresholds
 - Mark fingerprints that cannot be captured
- Identity document validation
 - Scan, verify and capture data from a wide range of government issued documents (drivers licence, passports)
 - Directly populate/update user records in MyID from the document
 - Integrates with identity document scanners
- Fingerprint card scanning
 - Extract fingerprint images printed on cards using a flatbed document scanner
 - Works in conjunction with Ten-Slap Fingerprint capture module to provide quality scores, segment & convert images to PIV compliant fingerprint templates

ADJUDICATION FEATURES (OPTIONAL)

- Adjudication process management
 - View, submit, resubmit & approve/reject adjudications
 - Role separation for each stage
 - Full audit trail captured
 - Provides a platform for integration with bespoke adjudication services (additional development required)
- Office of Personnel Management
 - Export adjudication data packages for submission to OPM
- Biometric de-duplication service (Optional)
 - Submit applicant fingerprints to search for matches against a database of enrolled fingerprints
 - Configurable fingerprint match thresholds
 - Positive / close matches reported for review, including user photograph from the matched account where held



Technical Data

INTEGRATIONS

This list focuses on PIV Compatible integrations – see MyID Enterprise for the full list of available integrations & deployment requirements.

TECHNOLOGY	VENDOR / FEATURE	PRODUCT
SMART CARDS (FIPS-201 CARD ISSUANCE)	Thales	Thales IDPrime PIV
	IDEMIA	ID-One PIV
	Giesecke & Devrient	Sm@rt Cafe Expert
CERTIFICATE AUTHORITIES	Primekey	EJBCA
	Entrust	Certificate Authority
	Microsoft	Certificate Services
	PKI Integration API (for custom connectors)	
MOBILE DEVICE MANAGEMENT	Microsoft	InTune
	Omnissa	Workspace ONE
	Blackberry	Unified Endpoint Manager
USER DATA SOURCES	MyID is designed to integrate with identity management systems that provide suitable REST APIs or LDAP v3 interfaces for user search and retrieval.	
SINGLE FINGERPRINT READERS	HID	U.are.U 5300 Digital Persona EikonTouch
	Secugen	Hamster IV Hamster Pro Duo SC/PIV Hamster Pro 10 Hamster Pro 20 iD-USB-SC/PIV
	IDEMIA	MSO 1300 (E3 and E4) MSO 1350
TEN-SLAP/MULTI-FINGERPRINT READERS	HID	Guardian Guardian 100/200/300 Patrol
	Thales	DactyScan 84c Multifinger scanner SC500f
	Integrated Biometrics	Kojak Five-O
	Jenetric	LiveTouch Quattro
FACIAL BIOMETRIC IMAGE CAPTURE	Windows compatible web cams supporting high resolution image capture (1080p)	
	Canon	EOS Rebel
IDENTITY DOCUMENT VALIDATION	Desko	PENTA Scanner 4x
	Thales	AT9000
FINGERPRINT CARD SCANNING	Epson	Perfection V500/550

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