

PIV

The **P**ersonal **I**dentity **V**erification Initiative

William I. MacGregor

September 20, 2005

HSPD 12 Presidential Policy Driver

Home Security Presidential Directive 12 (HSPD 12):

“Policy for a Common Identification Standard for Federal Employees and Contractors”

Dated: **August 27, 2004**

HSPD 12 Requirements

Secure and reliable form of personal identification that is:

- ❑ Based on sound criteria to verify an individual employee's identity
- ❑ Strongly resistant to fraud, tampering, counterfeiting, and terrorist exploitation
- ❑ Rapidly verified *electronically*
- ❑ Issued only by providers whose reliability has been established by an official accreditation process

HSPD 12: Requirements (cont.)

- ❑ Applicable to *all* government organizations and contractors except identification associated with National Security Systems
- ❑ Used for access to Federally-controlled facilities and logical access to Federally-controlled information systems
- ❑ Flexible in selecting appropriate security level – includes graduated criteria from *least* secure to *most* secure
- ❑ Implemented in a manner that protects citizens' privacy

HSPD-12 Milestones

Timeline	Agency/Department Requirement/Milestone
August 27, 2004	Directive signed and issued
Not later than 6 months (February 25, 2005)	Issued standard
Not later than 4 months following issuance of standard (June 25, 2005)	Program in place to ensure that identification issued by organizations meet the PIV Standard (Part-1)
Not later than 6 months following issuance of standard. (August 25, 2005)	Identify additional applications that could benefit from conformance to the standard
Not later than 8 months following issuance of standard (October 27, 2005)	Compliance with standard (Part-1)

OMB M-05-24 Milestones

Timeline	Agency/Department Requirement/Milestone
October 27, 2006	Begin compliance with standard (Part-2)
October 27, 2007	Verify and/or complete background investigations on current employees & contractors
October 27, 2008	Complete background investigations for all Federal department or agency employees employed over 15 years

(PIV Use Case Animation)

Summary

- It's about Personal Identity Verification
 - Trusted
 - Versatile
 - Interoperable
- PIV does not directly provide
 - Authorization
 - Access Control

Normative Documents

Partial Listing

- **HSPD 12***
- **FIPS 201***
- IAB PAIIWG PACS
- ICAO PKI for MRTD
- CP for Federal PKI
Common Policy
Framework
- ISO 7816 parts 1-6,8,9
- SP800-73 Smart Cards
- SP800-76 Biometrics†
- SP800-78 Crypto
- SP800-79 Accreditation
- SP800-85 Conformance†
- SP800-87 Agency Codes†

*PIV Governing Documents

†In preparation

Biometrics

- PIV Cards can store two fingerprint data objects (optional)
- Technical and policy questions will be settled
- Revisions to standards will be made through applicable processes

For Further Information

NIST PIV Home Page:

<http://csrc.nist.gov/piv-program/>

Web Forum Q&A & Downloads:

<http://piv.nist.gov>

Thank you!