PIV
The Personal Identity Verification Initiative

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September 20, 2005
HSPD 12 Presidential Policy Driver


“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

<table>
<thead>
<tr>
<th>Timeline</th>
<th>Agency/Department Requirement/Milestone</th>
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<tbody>
<tr>
<td>August 27, 2004</td>
<td>Directive signed and issued</td>
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<tr>
<td>Not later than 6 months (February 25, 2005)</td>
<td>Issued standard</td>
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<tr>
<td>Not later than 4 months following issuance of standard (June 25, 2005)</td>
<td>Program in place to ensure that identification issued by organizations meet the PIV Standard (Part-1)</td>
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<tr>
<td>Not later than 6 months following issuance of standard. (August 25, 2005)</td>
<td>Identify additional applications that could benefit from conformance to the standard</td>
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<tr>
<td>Not later than 8 months following issuance of standard (October 27, 2005)</td>
<td>Compliance with standard (Part-1)</td>
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## OMB M-05-24 Milestones

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


Thank you!