

Biometrics Testing

A PIV System Perspective

...prior to deployment

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NIST Biometrics Testing in Support of HSPD-12

- **SP800-76 defines Conformance and Test Procedures**
- **Tests defined on**
 - **Template generators, 10 validated**
 - **Template matchers, 7 validated**
- **Results available at**
<http://fingerprint.nist.gov/MINEX/>
- **Data model test toolkit in 'beta'**
 - **Based on SP800-85B**

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Lessons & Issues

- + Testing provides strong evidence of *fitness* and *interoperability*
- + Real-time quality scores are a boon at enrollment

- ? Standard API vs. standard data model
- ? Static metadata vs. dynamic binding
- ? Fixed platform vs. multiple platform