

# Revisions to the PIV Biometrics Specifications

DRAFT FIPS 201-2 WORKSHOP  
APRIL 18 + 19, 2011

[patrick.grother@nist.gov](mailto:patrick.grother@nist.gov)



Image Group, Information Access Division  
National Institute of Standards and Technology  
US Department of Commerce



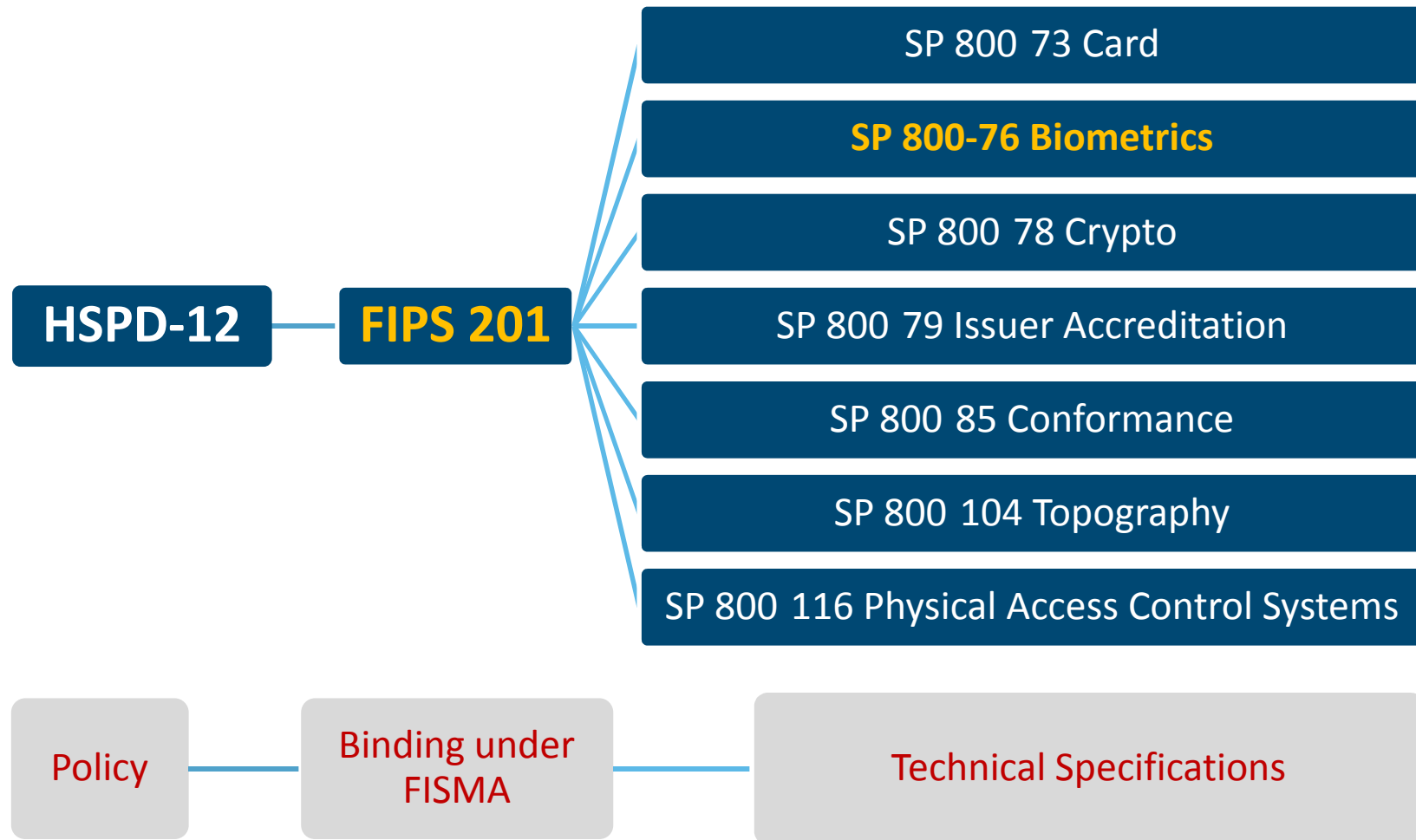
<http://biometrics.nist.gov/76.pdf>

Draft 800-76-2 released April 17, 2010

Posting to the SP register is imminent

<http://csrc.nist.gov/publications/PubsSPs.html>

# PIV :: Documents Hierarchy





1. Preamble
- 2. Iris**
3. Match-on-Card
4. Swipe sensors
5. Accuracy specifications
6. Next steps

## Part 2: Iris



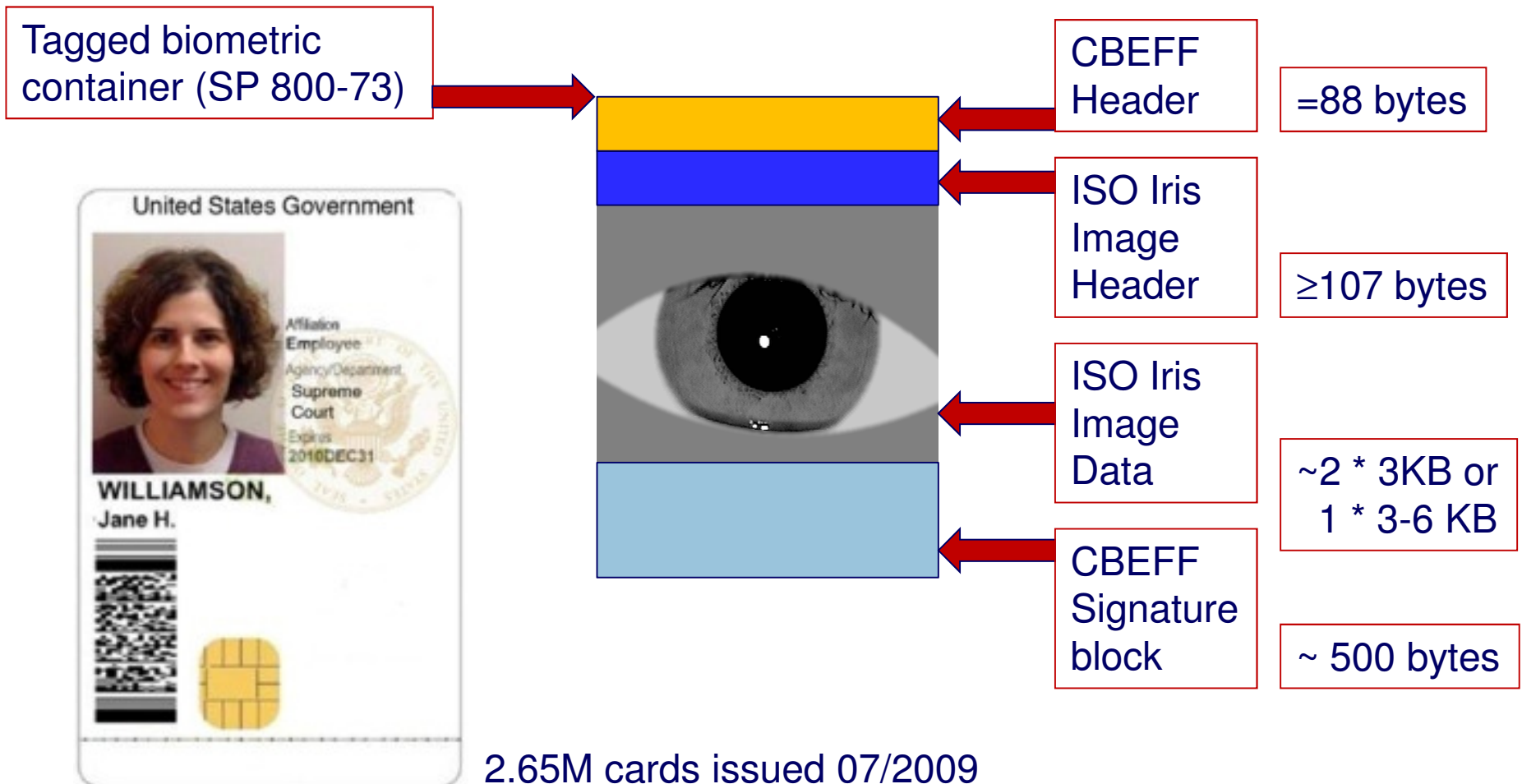






# Change #1 :: Iris for PIV :: Implementation

Following the arrangement of fingerprint minutia data on current PIV cards... Two irises in one container.



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## Part 3: Match-on-Card

# Change #2 :: Addition of MOC :: Background

## MINEX II

**Accuracy and speed of card-based algorithms**

**P. Grother, W. Salamon, C. Watson, M. Indovina, and P. Flanagan,  
MINEX II Performance of Fingerprint Match-on-Card Algorithms Phase  
II / III Report NIST Interagency Report 7477**

Three editions, 2008, 2009 and 2011

**Contact: [patrick.grother@nist.gov](mailto:patrick.grother@nist.gov)**

## sBMOC “Secure Biometric Match-on-Card”

**Demonstration of secure protocols for biometric authentication.**

**D. Cooper, H. Dang, P. Lee, W. MacGregor, and K. Mehta. Secure  
Biometric Match-on-Card Feasibility Report. NIST Interagency Report  
7452, November 2007.**

**Contact: [william.macgregor@nist.gov](mailto:william.macgregor@nist.gov)**







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## Part 3: Swipe Sensors








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## Part 5: Minimum Accuracy Specifications





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6. Next steps



**Part 6:  
Next Steps**

# SP 800-76-2 IS OPEN FOR COMMENT

EMAIL COMMENTS [PIV\\_COMMENTS@NIST.GOV](mailto:PIV_COMMENTS@NIST.GOV)

BY JUNE 6, 2011

THIS IS THE SAME DEADLINE AS THE FIPS 201-2

