



# Electronic Authentication Stepping Up

Mike Butler  
GSA

MAY 2008

## Federal Acquisition Service

# An integrated approach to identity ...

- Federal Information Processing Standard (FIPS) 201:** Personal Identity Verification (PIV) of Federal employees and contractors (<http://csrc.nist.gov/publications/fips/fips201/FIPS-201-022505.pdf>)
- Executive Order 13356:** Strengthening the Sharing of Terrorism Information to Protect America (August 27, 2004) (<http://www.fas.org/irp/offdocs/eo/eo-13356.htm>)
- OMB M-04-04:** E-Authentication Guidance for Federal Agencies (<http://www.whitehouse.gov/omb/memoranda/fy04/m04-04.pdf>)
- OMB M-05-05: Electronic Signatures:** How to Mitigate the Risk of Commercial Managed Services (<http://www.whitehouse.gov/omb/memoranda/fy2005/m05-05.pdf>)
- OMB M-03-22:** OMB Guidance for Implementing the Privacy Provisions the E-Government Act of 2002 (<http://www.whitehouse.gov/omb/memoranda/m03-22.html>)
- HSPD-5 Management of Domestic Incidents:** Establishes a single, comprehensive national incident management system (February 28, 2003) (<http://www.whitehouse.gov/news/releases/2003/02/20030228-9.html>)
- HSPD-6 Integration and Use of Screening Information:** Consolidates the Government's approach to terrorism screening and information collection and usage in screening processes. (September 16, 2003) (<http://www.whitehouse.gov/news/releases/2003/09/20030916-5.html>)
- HSPD-7 Critical Infrastructure Protection:** Federal departments and agencies are to identify, prioritize, and protect United States critical infrastructure and key resources (December 17, 2003) (<http://www.whitehouse.gov/news/releases/2003/12/20031217-5.html>)
- HSPD-8 National Preparedness:** Defines "first responder" as those who are responsible for the protection and preservation of life, property, evidence, and the environment (December 17, 2003) (<http://www.whitehouse.gov/news/releases/2003/12/20031217-6.html>)
- HSPD-11 Comprehensive Terrorist-Related Screening Procedures:** Research and development on technologies, including biometric identifier (also Exec Order 13356) (<http://www.whitehouse.gov/news/releases/2004/08/20040827-7.html>)
- HSPD-12 Policy for a Common Identification Standard for Federal Employees and Contractors:** Sets a standard for secure and reliable forms of identification (<http://www.whitehouse.gov/news/releases/2004/08/20040827-8.html>)
- H.R. 1:** Implementation of the Recommendations of the 9-11 Commission. Signed by the President on 6 August 2007.

## Being Pragmatic

- IDENTITY costs a lot of money ... to retrofit
  - Access, authentication, vetting, privacy
  - Rules / policies are not concise
  - The **NEED** (VALUE) has never been greater ...
    - Business – support the good / thwart the bad
    - Government- provide services, access, exchange of information
    - Value/Protection for our citizens

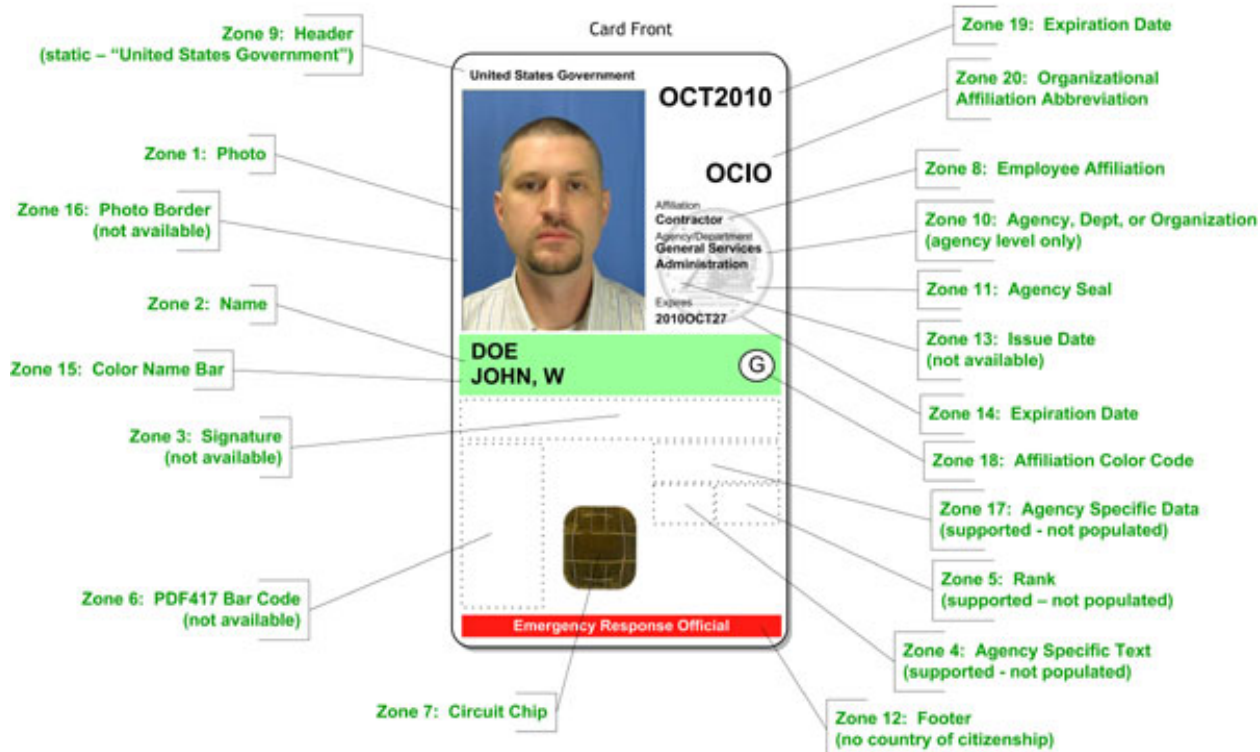
## Federal Acquisition Service

## An opinion ...

- Identity theft is a common occurrence ...
- In most organizations, provisioning of employee identity remains stove-piped and crude (\$\$\$\$)
- Digital signatures ?
- Application owners have little incentive to use external credentials ...
- Our average citizen sees no pragmatic path forward

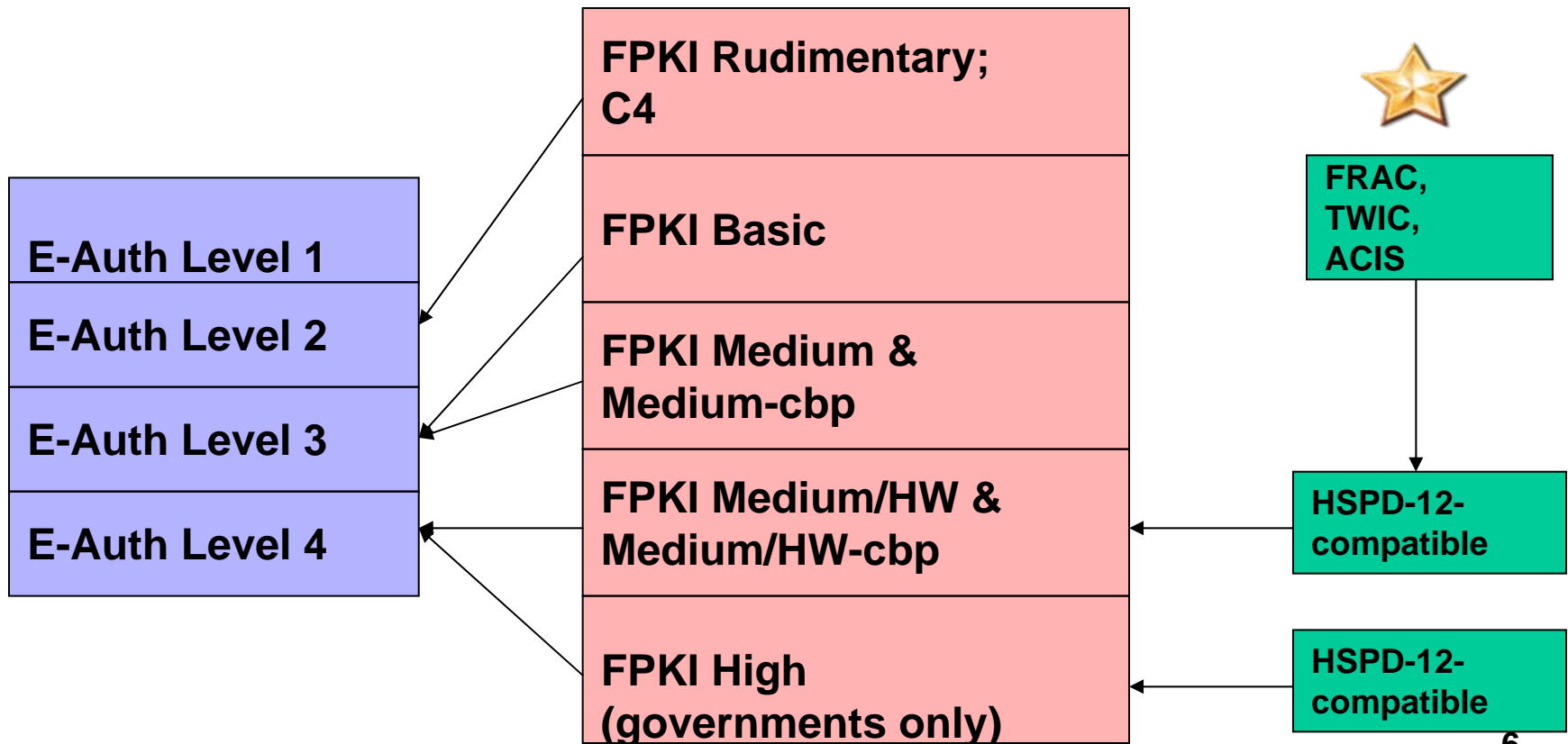
Federal Acquisition Service

# FINDING TRACTION (1)



Federal Acquisition Service

# FINDING TRACTION 2



## Summary

- ELECTRONIC IDENTITY as a personal attribute for every citizen will happen ...
- Success will not be in mandates or centralized government funding ...
- Current path for innovation (+ traction) comes out of the Federal PKI and HSPD-12