e-Authentication Initiative

Where we are, how we arrived, where we are going

CSSPAB
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President’s Management Agenda

- 1st Priority: Make Government citizen-centered
- 5 Key Government-wide Initiatives:
  1. Strategic Management of Human Capital
  2. Improved Financial Performance
  3. Expanded Competitive Sourcing
  4. Electronic Government
  5. Budget and Performance Integration
e-Authentication Initiative
Mission:

Public Trust in the security of information exchanged over the internet plays a vital role in the e-Gov transformation. The e-Authentication Initiative makes this trust possible.

e-Authentication Initiative
Goals:

- To build and enable mutual trust needed to support wide spread use of electronic interactions - Authentication Gateway
- To minimize the burden on public when obtaining trusted electronic services from the Government – Electronic credentials with more value
- To deliver common interoperable authentication solutions – define levels of risk and business needs of each e-Government initiative
e-Authentication Initiative
Value Proposition:

**Citizen Value** – Trusted, consistent method of proving identity to the federal government, and protection of the confidentiality and sensitivity of data

**Government Value** – Provide advanced authentication capabilities, reducing redundant costs and cycle times for individual agencies requiring authentication solutions

The Challenge to Interoperability

Authentication interoperability becomes much more complex as the number of credential providers and relying parties increases.
The Need for the Authentication Gateway

- The Authentication Gateway simplifies and unifies interoperability:
  - Common way to determine and validate "Trusted" credentials
  - "Common Rules" for Agreements among Gateway, Agencies and Credential Providers.

Defining the Need

- Signature Required
- Identity Verification Required
- Identity Verification Not Required
- Low Risk
- High Risk
- e-Gov Initiatives
- General Information
- Proprietary Information
- Personal Information
- Change Request
- Benefit Application
- Privilege Management
Accomplishments in FY02:

- Obtained e-Gov Funding
- President’s Management Council oversight
- e-RA process developed & implemented
- Policy and Privacy groundwork laid
- Communications strategy developed
- Gateway Development Team created
- Target applications identified (ongoing)
- Prototype R&D lab setup
- Industry RFI released
- Gateway Prototype IATO received

Course of Action - FY03:

- Complete e-RAs for remaining e-Gov initiatives
- O&M on prototype Gateway
- Obtain authority to operate in “live environment”
- Obtain Acquisition Plan approval
- Select Government-wide Agency Contract (GWAC)
- Design, build, test, C&A, cutover production GW
- Integrate e-Gov applications
- Establish requirements for ECPs to interface to GW
- Consummate agreements with ECPs
- **Plan for common authentication service across government**
How We Got Here: Requirements Development Process

Status of E-Authentication Program

- R&D has shown that the E-Auth industry is currently:
  - Enterprise-based rather than inter-enterprise
  - Centrally managed rather than distributed
  - Proprietary solutions rather than open
  - Priced for the enterprise rather than multi-enterprise
- The RFI responses and other research has shown that the E-Auth industry is:
  - Adopting federated solutions
  - Evolving to distributed management
  - Utilizing open standards
  - Adapting pricing to multi-enterprise solutions
- Agency E-Gov systems are becoming ready to utilize a common open, standards-based e-Auth infrastructure
The e-Authentication Gateway

♦ **Is not:**
  - An issuer of ID credentials
  - A collector of personal information
  - A repository of information
  - The Federal Bridge Certification Authority
  - e-Security

♦ **Is:**
  - A provider of validation services for multiple forms of ID credentials
  - A source of risk/assurance levels for multiple forms of ID credentials
  - Available for all e-Gov initiatives
e-Authentication in FY03 – Message to Industry

- Research and development will continue through MTS to evaluate open, standards based cross domain solutions
- Proprietary solutions will be evaluated only if an agency application needs that particular solution
- Procurement planned for completion; this may include use of performance based contracting, share in savings concepts, public/private partnership and other forward looking contracting methods
- Government has applied to join the Liberty Alliance and seeks to drive open solutions

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e-Authentication Message to Government:

- Prototype Gateway is operational in a test environment as of 9/30/02
- It will undergo a delta certification and accreditation (C&A) for live transactions by 01/06/03
- Gateway will provide authentication and verification services to the 24 e-Gov initiatives
- Gateway will provide authentication services across Government lines of business
- E-Authentication team is ready to discuss your authentication needs NOW!!!!
**e-Authentication - Early Adopters**

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<tr>
<th>Agency</th>
<th>Application</th>
<th>Credential</th>
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<td>WebCAAF</td>
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THANKS!

**e-Authentication - Summary**

- Authentication Gateway capability exists in FY03
- Acquisition of production Gateway services will be conducted early in 2Q03
- Draft Statement of Objectives may be released in December 02
- Industry is proprietary, enterprise solutions
  - e-Authentication is a very large enterprise
  - Industry is moving towards open solutions
- No FY03 funding has been received
- E-Gov applications and others can be interfaced to the Gateway at this time