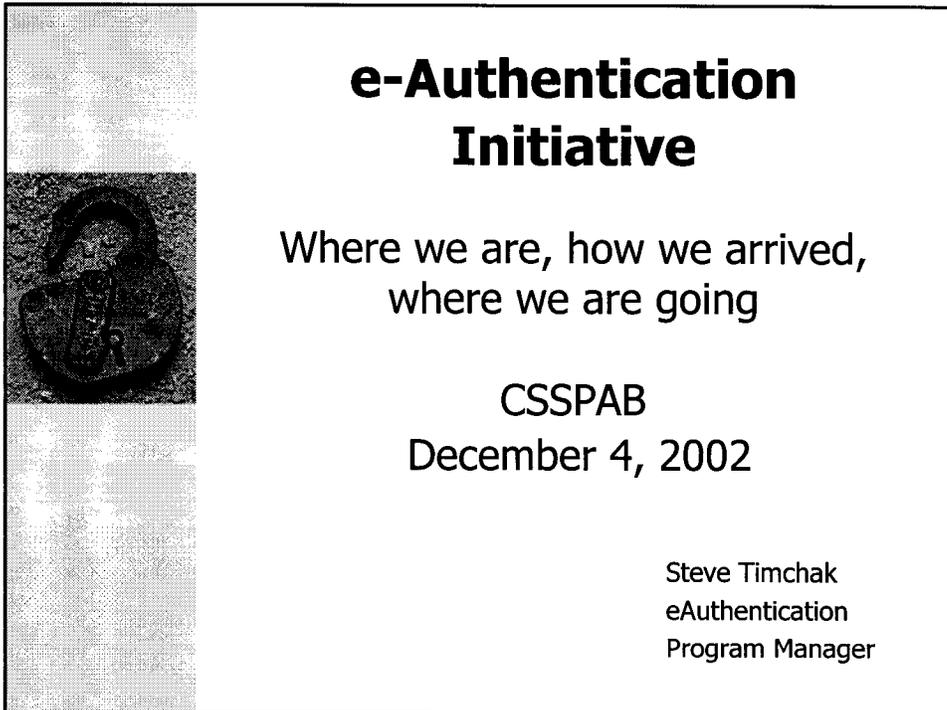


# e-Authentication Initiative

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

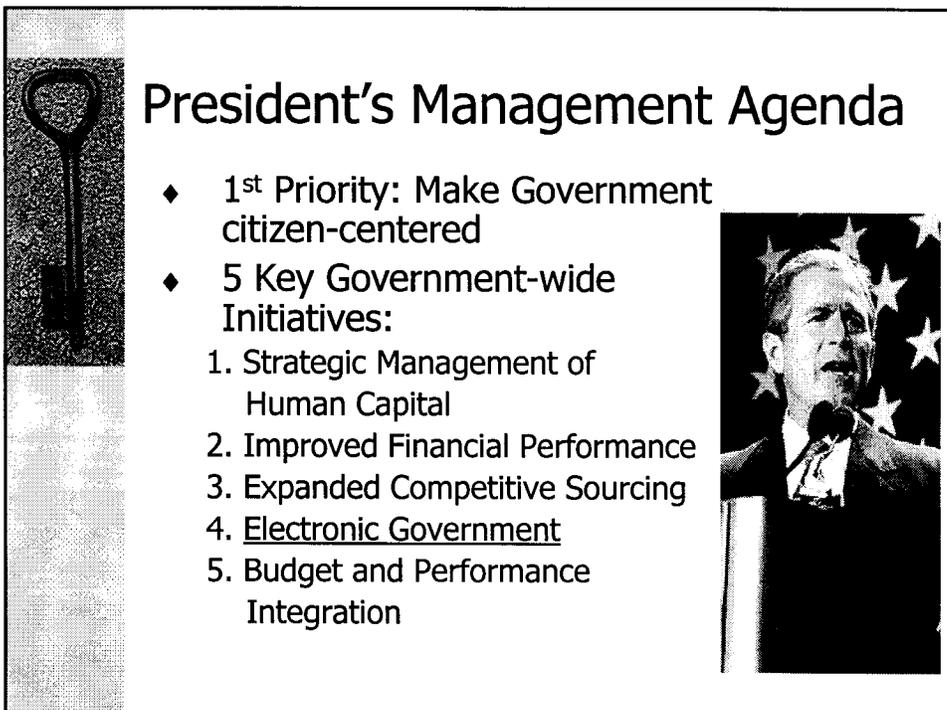
CSSPAB  
December 4, 2002

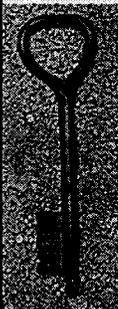
Steve Timchak  
eAuthentication  
Program Manager



## President's Management Agenda

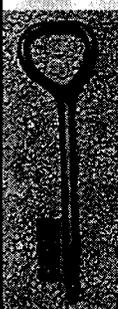
- ◆ 1<sup>st</sup> Priority: Make Government citizen-centered
- ◆ 5 Key Government-wide Initiatives:
  1. Strategic Management of Human Capital
  2. Improved Financial Performance
  3. Expanded Competitive Sourcing
  4. Electronic Government
  5. Budget and Performance Integration





## 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:

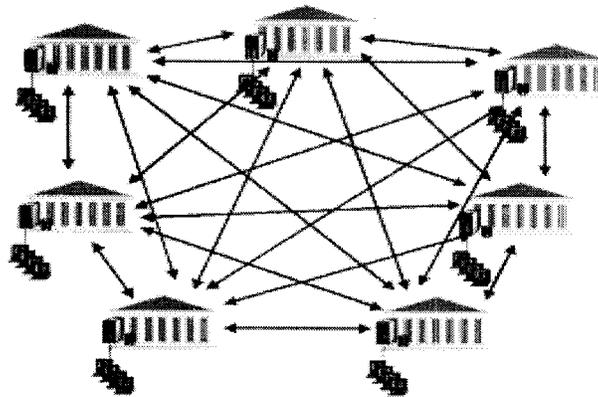
Citizen Value – Trusted, consistent method of proving identity to the federal government, and protection of the confidentiality and sensitivity of data

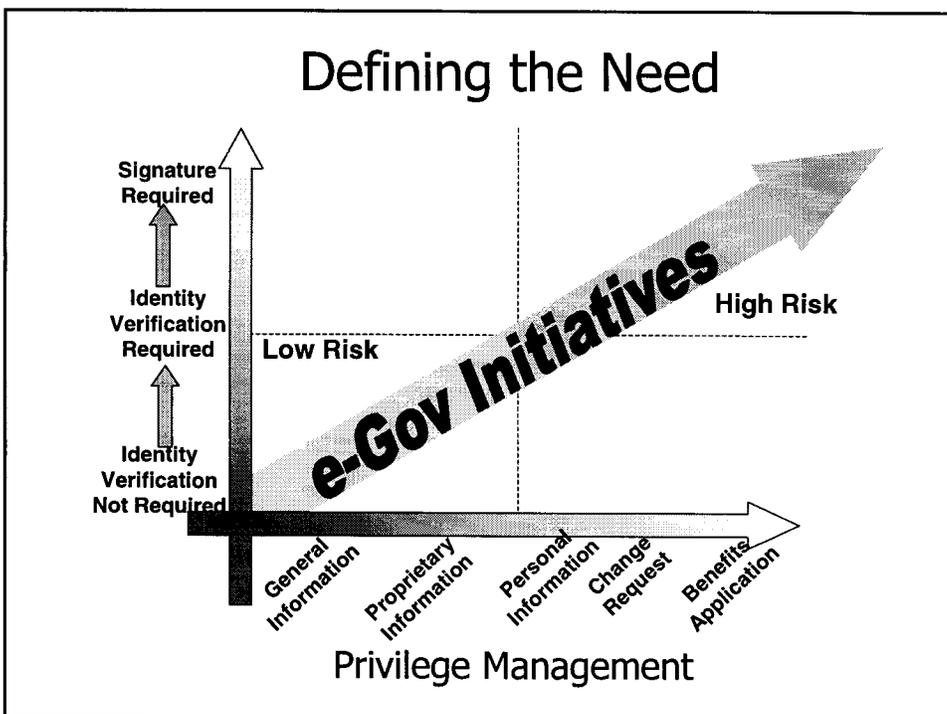
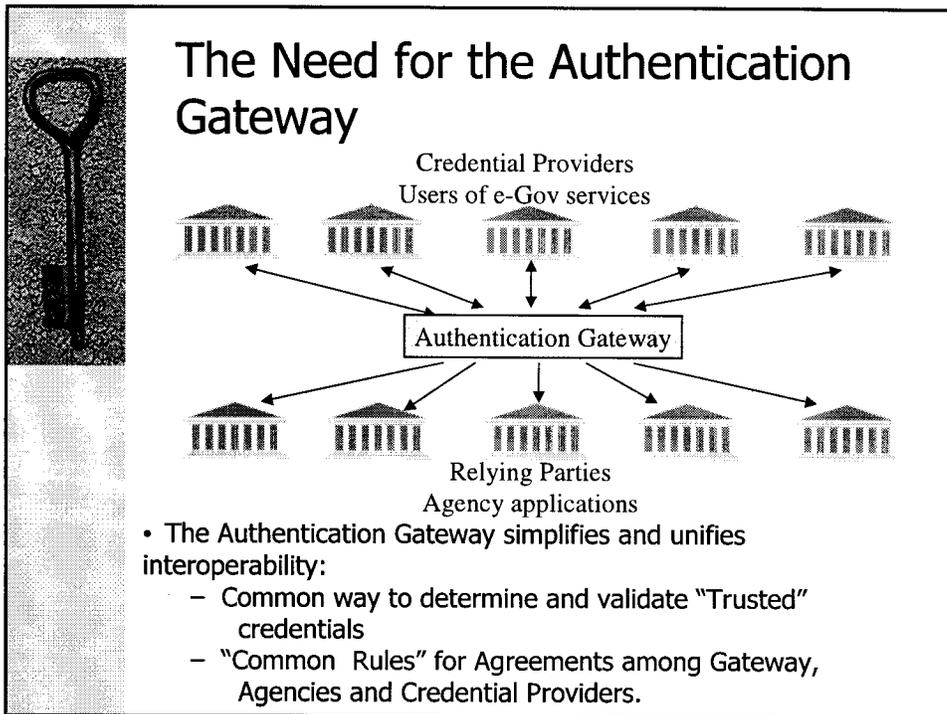
Government Value – Provide advanced authentication capabilities, reducing redundant costs and cycle times for individual agencies requiring authentication solutions

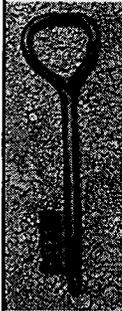


## The Challenge to Interoperability

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

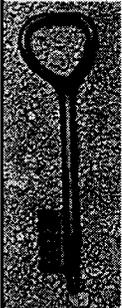






## Accomplishments in FY02:

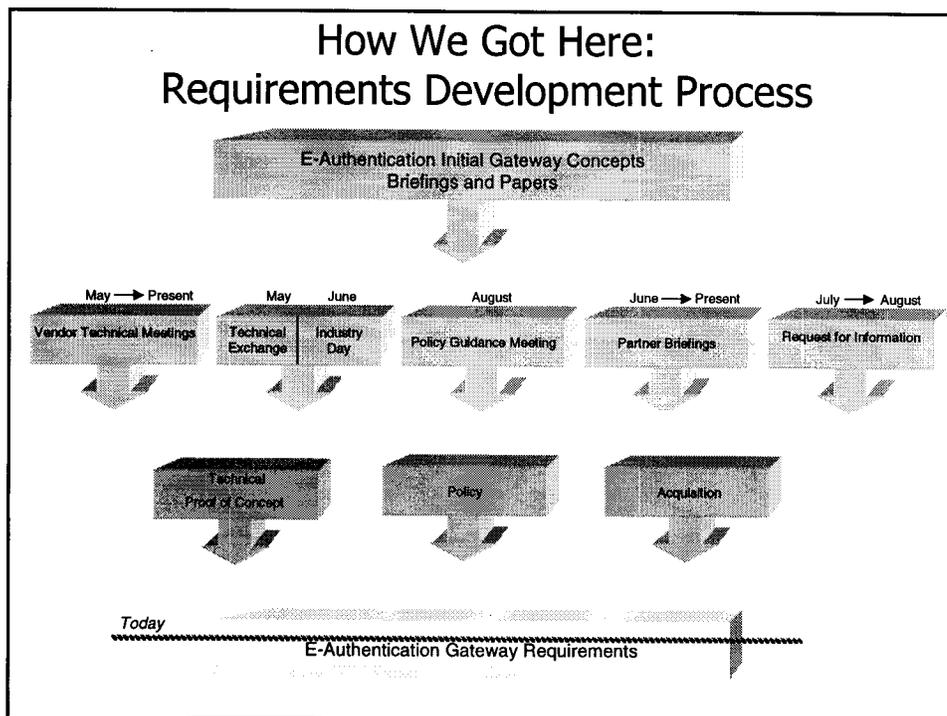
- ◆ Obtained e-Gov Funding
- ◆ President's Management Council oversight
- ◆ e-RA process developed & implemented
- ◆ Policy and Privacy groundwork laid
- ◆ Communications strategy developed
- ◆ Gateway Development Team created
- ◆ Target applications identified(ongoing)
- ◆ Prototype R&D lab setup
-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



## Course of Action - FY03:

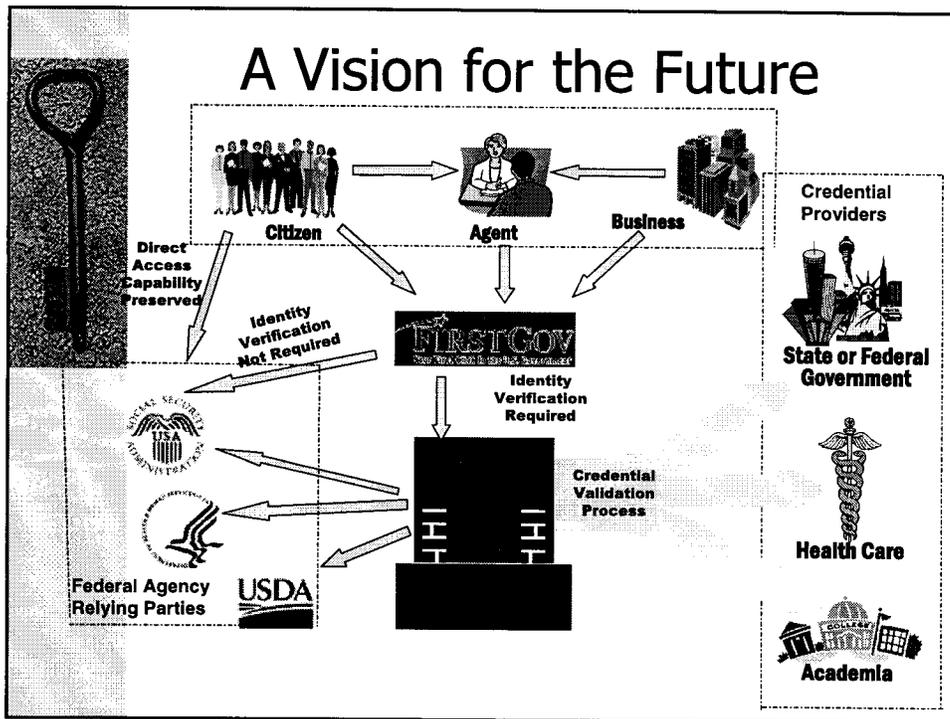
- ◆ Complete e-RAs for remaining e-Gov initiatives
- ◆ O&M on prototype Gateway
- ◆ Obtain authority to operate in "live environment"
- ◆ Obtain Acquisition Plan approval
- ◆ Select Government-wide Agency Contract (GWAC)
- ◆ Design, build, test, C&A, cutover production GW
- ◆ Integrate e-Gov applications
- ◆ 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

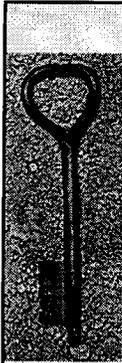


## Status of E-Authentication Program

- ◆ 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

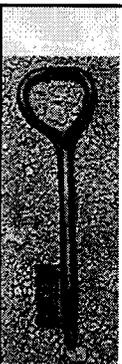


- ## The e-Authentication Gateway
- ◆ **Is not:**
    - An issuer of ID credentials
    - A collector of personal information
    - A repository of information
    - The Federal Bridge Certification Authority
    - e-Security
  - ◆ **Is:**
    - A provider of validation services for multiple forms of ID credentials
    - A source of risk/assurance levels for multiple forms of ID credentials
    - Available for all e-Gov initiatives



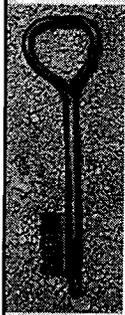
## e-Authentication in FY03 – Message to Industry

- ◆ 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



## e-Authentication Message to Government:

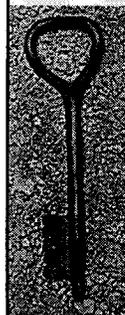
- ◆ Prototype Gateway is operational in a test environment as of 9/30/02
- ◆ It will undergo a delta certification and accreditation (C&A) for live transactions by 01/06/03
- ◆ Gateway will provide authentication and verification services to the 24 e-Gov initiatives
- ◆ Gateway will provide authentication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



## e-Authentication - Early Adopters

<u>Agency</u>	<u>Application</u>	<u>Credential</u>
USDA NFC	WebStar	PKI & P/P
GSA	ACMIS	OPM E/E
FEMA	DMI	PKI
Treasury	SSA	Pay.Gov
GSA	3GS	TBD
SSA	Secure File Xfer	PKI ACES
NDGRO	Seed/Agriculture	WebCAAF

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