Electronic Treasury Enterprise Card

GSA Smart Card Handbook
Panel Discussion

Smart Cards in Government 2004
March 10, 2004
What is the Electronic Treasury Enterprise Card (E-TREC)?

- E-TREC is the result of the Treasury Department’s effort to develop a common smart card for use throughout the Department and its fourteen bureaus.
- It was created in 2002 as part of a proof of concept involving six bureaus representing the variety of missions in the Treasury Department.
- The card incorporates multiple technologies and has multiple uses.
Technologies

Capabilities In Common:
- 32K FIPS-certified JAVA smart chip
- J.8 container and Treasury specific container
- Fingerprint biometric for physical and logical authentication
- Magnetic Stripe for legacy access system

Bureau Specific:
- Proximity antenna per legacy access systems
- Bar code
- Card Design
E-TREC works with...

Logical Access:
- Secure sign on
- PKI
- Biometrics

Physical Access:
- Linked with legacy systems through prox technology
- Smart Card readers and biometrics
- Biometrics and legacy prox technology
- Photo ID

Integrated with Property & Uniform Issuance Systems
E-TREC Development:
The Treasury Smart Card Team

- Treasury wide group formed in June 2001 and joined with ongoing PKI effort.
- Treasury implementation team volunteers begin meeting in November 2001 to develop smart card requirements.
- Team is a good mix of missions, talents and knowledge but no background in smart cards.
- In 2001, expectation is smart cards are “out of the box”.

How to Fill In The Knowledge Gaps

- The GSA Smart Card Handbook is a wealth of knowledge.
- Use it to become as familiar as possible with cards, systems, contract issues.
- Participate in the GSA Smart Card Managers forum.
- Smart cards represent an ever changing technology and the challenge is to stay abreast of changes and innovations.
Simple Advice

- Learn as much as you can
- Look to your peers for advice and support
- Be sure you have support from the top – keep the execs engaged
- This is an integrated effort!
  - BE SURE to have the support and involvement from physical access, human resources, training, information assurance, and others.
The rest of the story...

- Treasury Proof of Concept issued more than 2,200 cards
- Treasury Office of CIO will continue to work with Treasury bureaus to issue cards
- Program was affected by government reorganization in 2003
- Two bureaus are now under Department of Homeland Security and one is under Department of Justice
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