

# Interagency Advisory Board

*Meeting Agenda, February 2, 2009*

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1. **Opening Remarks** (*Tim Baldrige, NASA*)
2. **Mini Tutorial on NIST SP 800-116 AND PIV use in Physical Access Control Systems** (*Bill MacGregor, NIST*)
3. **Impact of Agreement Among Four PKI Bridges** (*Tim Pinegar, Protiviti Government Services (PGS) representing GSA/OGPGSA*)
4. **Microsoft's Roadmap for PIV Products: The Impact that will have on PIV Use and Interoperability** (*Vernon Lee, Microsoft*)
5. **Adobe's Roadmap for PIV Products: The impact that will have on PIV Use and Interoperability** (*John Harris, Adobe*)
6. **PAIIWG Update** (*Tim Baldrige, NASA*)
7. **Closing Remarks** (*Tim Baldrige, NASA*)



U.S. General Services Administration

# Office of Governmentwide Policy

## 4 Bridges Forum (4BF) Update to the Smart Card IAB

Tim Pinegar, Protiviti Government Services, Inc.

On behalf of:

Peter Alterman, Ph.D.  
Deputy Associate Administrator  
for Technology Strategy  
General Services Administration

## What is the 4BF?

- A consortium of public key infrastructure (PKI) bridges each serving a major community of interest;
- Leveraging government and non-government federated identities;
- Based on a common foundation of trust;
- Laying the groundwork for a global trust network.

## Who is the 4BF?

- **The Federal PKI Architecture (formerly the Federal Bridge Certificate Authority or FBCA)**, established to enable trusted transactions within the government and between government and its industry partners.
- **SAFE- BioPharma Association**, founded by global pharmaceutical organizations to develop and manage digital identity and signature standards for the pharmaceutical and healthcare industries.
- **CertiPath**, establishing interoperable trusted identities for collaboration within the Aerospace and Defense industry via a standards based PKI bridge.
- **The Higher Education Bridge Certificate Authority (HEBCA)**, developed to facilitate trusted electronic communications within and between institutions of higher education as well as with federal and state governments.

## Who does the 4BF represent?

### ➤ **Current Fed PKI entities include:**

- Government - Dept of the Treasury, Dept of State, DoD, DoD/ECA, Patent & Trademark Office, Gov Printing Office, Dept of Justice, State of IL, DEA/CSOS and US Postal Service
- Industry – ACES/DST (Identrust), ACES/ORC, Verisign, Wells Fargo, Verizon Business (Cybertrust), ORC, Entrust, Certipath and SAFE-BioPharma

### ➤ **Current SAFE-BioPharma member companies include:**

- Amgen, AstraZeneca, Bristol-Myers Squibb, GlaxoSmithKline, Johnson & Johnson, Eli Lilly, Merck, Pfizer, Procter & Gamble, Roche and Sanofi-Aventis.

### ➤ **Current CertiPath members include:**

- Founders - ARINC, EXOSTAR, and SITA.
- Members - EADS, Raytheon, Northrop Grumman, Lockheed Martin, Boeing, and the FBCA

### ➤ **HEBCA: Test mode**

## 4BF Timeline

- 05/2006 - CertiPath cross-certified with the FPKI
- 02/2008 - BioPharma cross-certified with the FPKI
- 06/2008 – Inaugural meeting of representatives from the four bridges
- 08/2008 - 4BF Audit Working Group is formed to define a standard baseline for PKI audit comprehensiveness and quality that incorporates international standards.
- 10/2008 - *Agreement to Cooperate* signed
- 04/2009 – 4BF to launch formal outreach campaign.

## Why was the 4BF formed?

- To address and resolve common issues affecting PKI-based identity federations;
- To stimulate greater use of high assurance electronic identity credentials by raising awareness of the benefits to relying party applications;
- To target outreach to government program managers, application owners, and industry partners who can reap immediate benefits from use of PKI bridges; and
- To stimulate global interoperability via the 4BF trust infrastructure.

## Potential Impacts & Benefits for Government

- Expanded use and acceptance of PIV identity credentials beyond internal agency systems
- Expanded trust framework for agency acceptance of digital credentials issued in the aerospace, defense and bio-pharmaceutical communities
- Improving agency ROI of PIV infrastructure
- Facilitating identity portability



## Current Activities

- Educational and Outreach initiatives
- Audit comparability and auditor qualification requirements analyses (with other industry associations)
- Collaboration with other industry initiatives, e.g., Liberty Alliance Expert Group, Transglobal Secure Collaboration Program, etc.

## For Further Information

- [Peter.Alterman@gsa.gov](mailto:Peter.Alterman@gsa.gov)
- [Judith.Spencer@gsa.gov](mailto:Judith.Spencer@gsa.gov)
- [Tim.Pinegar@pgs.protiviti.com](mailto:Tim.Pinegar@pgs.protiviti.com)
- Mollie Shields-Uehling, ([mollie@safe-biopharma.org](mailto:mollie@safe-biopharma.org))
- [Scott.Rea@Dartmouth.edu](mailto:Scott.Rea@Dartmouth.edu)
- [Jeff.Nigriny@certipath.com](mailto:Jeff.Nigriny@certipath.com)
- <http://www.safe-biopharma.org/index.htm>
- <http://www.certipath.com>
- <http://www.idmanagement.gov>