

Interagency Advisory Board

Meeting Agenda, December 7, 2009

1. **Opening Remarks**
2. **FICAM Segment Architecture & PIV Issuance** (*Carol Bales, OMB*)
3. **ABA Working Group on Identity** (*Tom Smedinghoff*)
4. **F/ERO Repository** (*Elisa Cruz/FEMA*)
5. **Correlation of SP 800-53 rev. 3/ FIPS 201/ SP 800-63/ PIV-I/ FICAM Segment Architecture** (*Matt Scholl/Bill Macgregor, NIST*)
6. **Use of Optional Form Factor to Meet PIV-I** (*Andrew Sheedy, ActivIdentity*)
7. **Closing Remarks**

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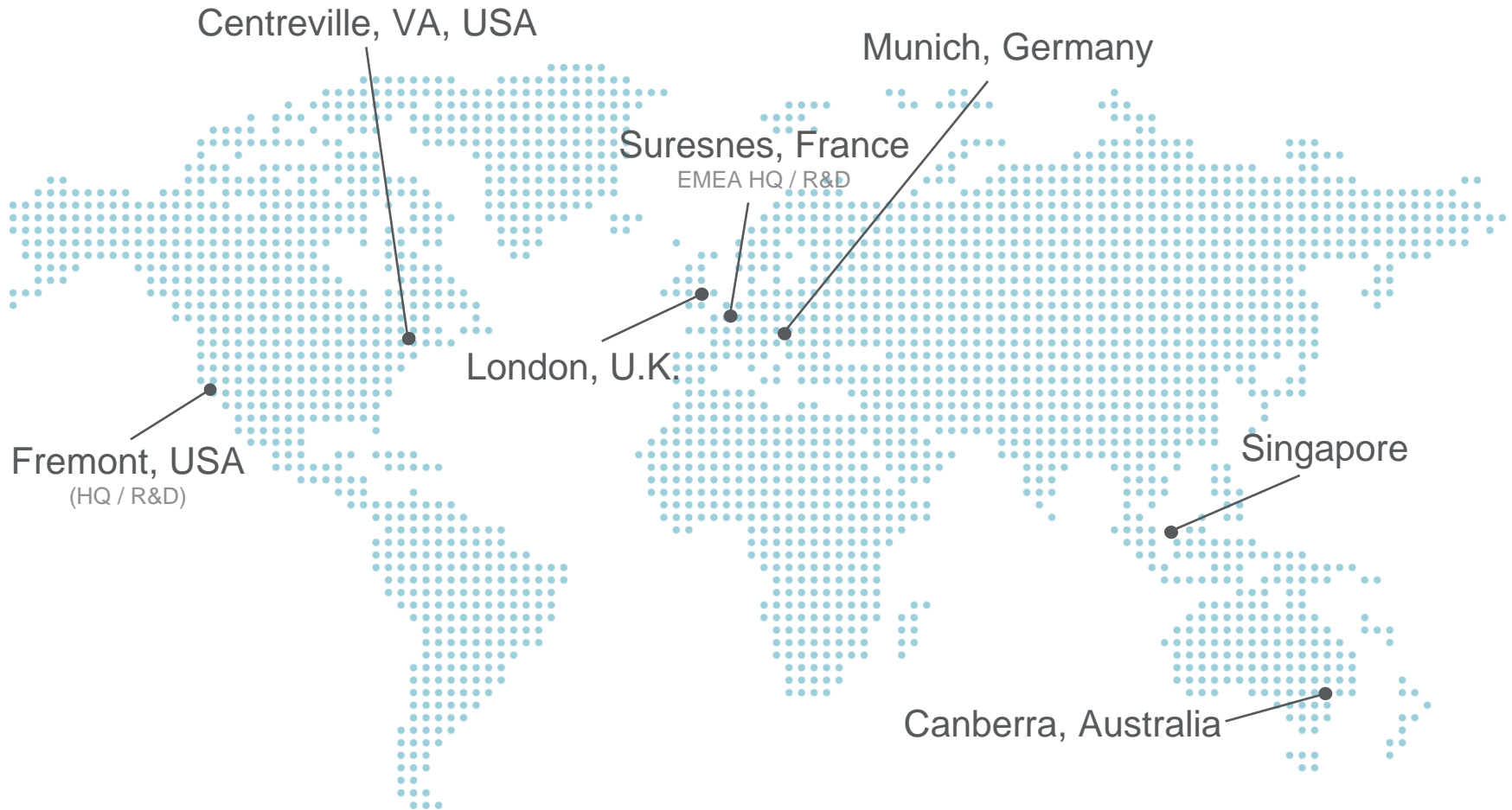
Use of Optional Form Factor to Meet PIV-I Criteria

Andrew Sheedy
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December 7, 2009

ActivIdentity Quick Facts

Mission	Provide strong authentication and credential management to confidently establish a person's identity when interacting digitally.
Vision	To make every digital interaction trustworthy.
Founded	June 1987; first NASDAQ active trading of common shares (Symbol: ACTI) in March 2000; part of Russell 2000® Index
Employees	231
Revenue	\$63.4 million (last 12 months)
Patents	200+
Customers	2,500+

ActivIdentity Global Presence



ActivIdentity Product Lines and Products

Strong Authentication

ActivIdentity 4TRESS™ AAA Server for Remote Access
ActivIdentity 4TRESS™ Authentication Server

Credential Management

ActivIdentity ActivID™ Card Management System
ActivIdentity ActivID™ Batch Management System

Security Clients

ActivIdentity ActivClient™
ActivIdentity ActivClient for Common Access Card
ActivIdentity Authentication Client
ActivIdentity SecureLogin™ Single Sign-On

Authentication Devices

ActivIdentity Smart Card	ActivIdentity Smart Card Reader
ActivIdentity USB Token	ActivIdentity OTP Token
ActivIdentity DisplayCard Token	ActivIdentity Software Token
ActivIdentity Hardware Security Module	

PIV-I Today

- As of today, 4 Million PIV Cards have been issued via 21 providers
- A great deal of interest has been expressed by the federal community and private sector firms in interoperable credential guidance.
- Hence *Personal Identity Verification (PIV) Interoperability for Non-Federal Issuers* was released by the Federal CIO Council in May, 2009 to provide this guidance.
- The existing guidance calls out required physical topography features (*ref. Personal Identity Verification (PIV) Interoperability for Non-Federal Issuers, v1.0.0, sec 2.2.2*)
- Due to deployment realities and private sector input, it is reasonable to expect that this specification will evolve.

The ActivKey SIM - Form Factor Alternative for PIV-I



- A USB form factor smart card
 - Contains a FIPS-201 APL certified PIV smart card chip
 - No smart card reader required
 - CCID-compliant device requires no driver for Windows or Mac
- Advantages
 - Extremely durable
 - Can be quickly deployed.
 - Issuance and replacement scenarios are not delayed by card printing workflows.

Lifecycle Management of the ActivKey SIM

- Can be managed out of CMS Infrastructure
 - Can leverage an existing CMS deployment with negligible overhead to the existing infrastructure
 - Full lifecycle management is possible as with the PIV card.
- Can be issued “standalone” (non-PIV profile)
 - Quick deployment of tokens without a CMS
 - Ideal for small, limited deployments
 - Full CMS lifecycle management capabilities are not available

Phone Secure Element

- FIPS Certified smart card chip inside
- Available with or without contactless support
- All credential life cycle management available over the air utilizing current CMS infrastructure



Questions and Answers

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