



Minutes of the 13 October 2009 Meeting
USPS, 475 L'Enfant Plaza, SW, Washington, DC.
CR 2P316 (inside CR 2P310)
9:35 a.m. – 10:40 a.m.

A. AGENDA

- 1. Welcome / Introductions**
- 2. Discuss/Vote on 8 September 2009 FPKIPA Minutes**
- 3. Results of the e-vote on Cross-Certifying Illinois at Medium Hardware**
- 4. FPKIPA Certificate Policy Working Group Report**
 - a. Discuss/Vote on the revised FPKIPA By-Laws**
 - b. Information Only: State of Illinois Mapping Report**
 - c. Information Only: GPO Mapping Report**
 - d. Information only: GPO Audit Report**
- 5. FPKI Management Authority (FPKI MA) Report**
 - a. FPKI MA Budget**
 - b. Directory Outages in September**
 - c. Directory hits in September**
 - d. FPKI MA Validation Issues**
 - e. TAG Report on Elliptical Curves**
 - f. Entrust Interoperability Testing**
 - g. Relocation of P1 and P2 (Primary and Secondary FPKIA Sites)**
- 6. ICAM Update**
 - a. White Paper: The Realized Value of FPKI**
 - b. The TAO of Attributes Workshop**
 - c. PIV-I for non-Federal Issuers**
 - d. Change Proposals Submitted by Dave Cooper**
 - e. Demonstration of PACS Interface to PIV, PIV-I, CAC, TWIC, etc.**
 - f. FY09 FPKIPA Year End Report--Accomplishments**
- 7. Adjourn Meeting**

B. ATTENDANCE LIST

VOTING MEMBERS

The meeting began with a quorum of 12/14 (or 85.7%) where a two-thirds majority was required. One member joined later, after the quorum was established, and one member was absent (USPTO). Two members (Treasury and NRC) gave their proxies for this meeting to the Chair.

We redacted contact information in the published FPKIPA minutes at the request of FPKIPA members. This information will be posted to a secure web site for FPKIPA members only at some point in the future. FPKIPA minutes already posted

on the website have been redacted to remove POC information. FPKIPA members needing POC information on other members and participants should contact the Secretariat at Judith.fischer@pgs.protiviti.com.

Organization	Name	Telephone
Department of Defense	Mitchell, Debbie	Teleconference
Department of Health & Human Services	Slusher, Toby	Teleconference
Department of Homeland Security	Miller, Tanyette	Teleconference
Department of Justice	Morrison, Scott	
Department of State	McCloy, Mark	
Department of Treasury	Proxy to Chair	
Drug Enforcement Administration (DEA CSOS)	Jewell, Chris	Teleconference
GPO	Hannan, John	
GSA	Spencer, Judith	
NASA	Levine, Susan	Teleconference
Nuclear Regulatory Commission- NRC	Proxy to Chair	
SSA	Mitchell, Eric	Teleconference
USPS	Stepongzi, Mark	
USPTO	Absent	

OBSERVERS

Organization	Name	Telephone
DHS Support (Protegeus, Contractor)	Shomo, Larry	Teleconference
FPKIPA Support/Secretariat (Contractor, Protiviti Government Services)	Fincher, Judy	
State of Illinois	Anderson, Mark	Teleconference
IdenTrust	Schambach, Marco	Teleconference
GSA Support (Contractor, Unisys)	Petrick, Brant	
Department of State/ Co-chair, CPWG (Contractor, ManTech)	Froehlich, Charles	
GSA Support (Consultant, RJ Schlecht Consulting)	Schlecht, R.J.	
FPKI MA Support (Consultant, PGS)	Louden, Chris	Teleconference
GSA/PM/FPKI MA	Jenkins, Cheryl	Teleconference
FPKI PA (Contractor, PGS)	McBride, Terry	
FPKI MA Technical Liaison (Contractor, Protiviti Government Services)	Brown, Wendy	
GPO/Office of the Federal Registrar	Massimini, Mike	Teleconference
Wells Fargo	Schwartz, Ruven	Teleconference
DoE (Contractor, M Squared Strategies, Inc.)	Olson, Evan	
DoE	Varghese, Jebby	Teleconference
USPS	Kramer, Eric	

C. MEETING ACTIVITY**Agenda Item 1****Welcome / Introductions—Judith Spencer, Chair**

The FPKIPA met at the USPS Headquarters, 475 L'Enfant Plaza, SW, Washington, DC, CR 2P316 (inside CR 2P310). Judith Spencer, Chair, called the meeting to order at 9:35 a.m. and conducted introductions of those present in person and via teleconference. We wish to thank Mark Stepongzi of USPS for hosting this meeting.

Agenda Item 2**Discuss/Vote on 8 September 2009 FPKIPA Minutes— Judy Fincher**

The FPKIPA approved the redline 8 September 2009 FPKIPA minutes by 12/12 (or 100%) of members voting, where a 50% majority vote was required. Two members were absent for this vote; and one of those joined after the vote.

Approval vote for 8 September 2009 FPKIPA Minutes – red line version			
	Vote (Motion- USPS 2 nd - Treasury)		
	Yes	No	Abstain
Department of Defense	√		
Department of Health & Human Services	√		
Department of Homeland Security	√		
Department of Justice	√		
Department of State	√		
Department of the Treasury – Proxy to the Chair	√		
Drug Enforcement Administration (DEA CSOS)	√		
GPO	ABSENT FOR THIS VOTE		
GSA	√		
NASA	√		
Nuclear Regulatory Commission (NRC) –Proxy to Chair	√		
SSA	√		
USPS	√		
USPTO	ABSENT		

Agenda Item 3**Results of the e-Vote on Cross-Certifying Illinois at Medium Hardware—Judy Fincher**

Ms. Fincher said that the FPKIPA voting representatives unanimously approved cross-certification of the State of Illinois at Medium Hardware via e-vote. Ms. Spencer congratulated Mark Anderson.

Agenda Item 4

FPKI Certificate Policy Working Group (CPWG) Report--Charles Froehlich

1. *Discuss/Vote on the revised FPKIPA By-Laws*

Mr. Froehlich reported that the FPKIPA By-Laws have been modified to reflect changes in our methods and have been synchronized with the FPKIPA Charter. This item is now ready for a vote, once FPKIPA members have a chance to review it. Ms. Fincher will distribute the By-Laws (Final version) to the FPKIPA listserv prior to the 10 November 2009 FPKIPA meeting. It is anticipated the FPKIPA will vote on the By-Laws at that meeting.

2. *Information Only: State of Illinois Mapping Report*

Mr. Froehlich said that Illinois successfully completed its mapping and that the two remaining issues have been resolved.

3. *Information Only: GPO Mapping Report*

Mr. Froehlich said the CPWG has accepted the GPO Mapping Report, incorporating recommended changes and clarifications. No vote is required by the FPKIPA since this was only a migration to 3647-RFC format.

4. *Information only: GPO Audit Report*

The CPWG has accepted the GPO Audit Report. No vote is required since it was not contentious. This was the first WebTrust for CA (WTCA) audit to fully satisfy the FPKIPA audit report requirements, e.g., the Audit "Cook Book."

Agenda Item 5

FPKI Management Authority (FPKI MA) Report—Cheryl Jenkins

Ms. Jenkins joined the FPKIPA meeting via teleconference to report on FPKI MA activities. She also asked Chris Loudon to speak on the ECC issue.

1. *FPKI MA Budget*

The FPKI MA budget for the re-design has been approved, including one-time costs associated with relocating the Primary and Secondary sites, Ms. Jenkins said.

2. *Directory Outages in September*

Ms. Jenkins said that the FPKIA Directory was out two hours in September due to bandwidth issues. The new service is expected to be turned on 13 November 2010.

3. *Repository hits in September*

There were 19 million connections to the FPKIA repositories in September, up from about 18 million in August, Ms. Jenkins reported.

4. *FPKI MA Validation Issues*

The Technical Advisory Group (TAG) is looking at path validation issues within the FPKIPA community.

5. *TAG Report on Elliptical Curves—Chris Loudon*

Mr. Loudon reported that the FPKI MA TAG completed the ECC White paper that describes use of elliptical curve technology across all four policies (FBCA, C4CA, E-Gov and COMMON). The next step is to discuss the paper with NIST; and then, in a month of two, it will be distributed to the FPKIPA.

The FPKIA TWG will meet this month. If you wish to have your technical representatives participate in the TWG, email Cheryl Jenkins at Cheryl.Jenkins@gsa.gov.

6. *Entrust Interoperability Testing—Terry McBride*

Mr. McBride reported that the interoperability testing is completed with the Entrust non-Federal Clone.

The next step is for Judy Fincher (Secretariat) to contact Gary Moore to inquire about the audit.

7. *Relocation of P1 and P2 (Primary and Secondary FPKIA Sites)*

Ms. Jenkins reported there has been no progress on finding relocation sites for the Primary and Secondary sites. Ms. Jenkins and Ms. Spencer plan to meet next week to review the results of the OMB data call for suitable Federal Data Centers to host the Primary Site (P1). Ms. Spencer reported that Treasury (Jim Schminky) has renewed his offer to host the secondary site (P2), but with some changes. Ms. Jenkins expects to select both sites this month.

Agenda Item 6

ICAM Update—Judith Spencer

1. *White Paper: The Realized Value of FPKI*

Ms. Spencer plans to submit the FPKI White Paper to the FPKIPA once the latest submission from the Department of State is incorporated. The Executive Summary may also need re-work. Carol Bales will review it before it goes out to the ICAMSC. This is planned before the next FPKIPA meeting (10 November 2009). Ms. Spencer said that OMB's Carol Bales has requested a condensed version for presentation to Senior Management.

2. *The TAO of Attributes Workshop*

Ms. Spencer attended the Tao of Attributes Workshop sponsored by Internet2 and GSA, September 28-29, 2009 at NIH. Workshop details are at <http://middleware.internet2.edu/tao-of-attributes>. She urged the FPKIPA to come up with a "bumper sticker" phrase to describe the mission of the FPKIPA, as well as a "buzz word," following the advice of one of the workshop speakers. Terry McBride suggested "High Value Security" as a potential "bumper sticker" for the FPKIPA.

3. *PIV-I for non-Federal Issuers*

- a. Ms. Spencer said that the PIV-I document issued in May 2009 is gaining traction and penetration within industry. Vendors want to issue

ID cards that emulate the PIV card and plan to use the PIV-I document as guidance.

- b. Federal agencies are also looking at possibilities for letting PIV-I cards be read at the kiosks to be located at the agencies for building access (PACs). To do this we need to be able to verify that the PIV-I card was issued with a Medium Hardware cert and has a PIV-I OID. She reported that Chris Loudon has written a White Paper on how this would work. Additional requirements would need to be added to the FBCA, e.g., a new policy OID for credentials that claim PIV-I. She expects this to result in the addition of a Medium Hardware PIV-I Policy for id-fpki-common-pivAuth in the FBCA. There is also interest in making id-fpki-common-cardAuth interoperable across domains. id-fpki-common-cardAuth was originally intended for local use only.
 - c. Ms. Spencer reported on information provided to the CPWG at its last meeting regarding testing of the PIV card to digitally sign FISMA reports. FISMA reporting by December 2009 requires use of the PIV card. Several agencies, such as Treasury and DHS cannot perform the test when using it in conjunction with "Blue Coat." Ms. Spencer said we need an agency-wide solution.
4. *Change Proposals submitted by Dave Cooper*
- a. UUIDs--The issue is that the FASC-N will not work in the PIV-I scenario, so NIST defined a GUID which is used in conjunction with the "9999" entered into the FASC-N for non-Federal issuer use.
 - b. Cryptographic Key Length— To pull COMMON into compliance with NIST SP 800-57.

Both of these Change Proposals will be put on the agenda for the next CPWG meeting, October 20, 2009.

5. *Demonstration of PACS Interface to PIV, PIV-I, CAC, TWIC, etc.*
The Smart Card Alliance will meet in conjunction with the Smart Card Interagency Board (IAB) on October 27. The afternoon session will be a field trip to a vendor in Herndon, VA, to see a PACS Interface product. It reads PIV, PIV-I, CAC, FRAC TWIC, etc. The GSA sponsored the development of this product to prove that PACS integration with PIV and PIV-like cards is technically feasible and can be done economically. GSA plans to publish the product specifications in the January-February timeframe and hopes to have biometrics working by January.
6. *FY09 FPKIPA Year End Report—Accomplishments*
- a. Ms. Spencer said she used the FY09 FPKIPA Year End Report as input to the ICAMSC 2009 Accomplishments.
 - b. Ms. Fincher will distribute the FY09 FPKIPA Year End Report to the FPKIPA, once new input is incorporated from DoS and SAFE-Biopharma.

Agenda Item 7

Adjourn Meeting—Judith Spencer

Ms Spencer entertained a motion to adjourn. USPS made the motion and DoS seconded. The FPKIPA had a voice vote, with all “Yeas.” Ms. Spencer adjourned the meeting at 10:40 a.m.

CURRENT ACTION ITEMS

No.	Action Statement	POC	Start Date	Target Date	Status
285	Judith Spencer and DoD will go off-line to discuss name uniqueness. She suspects there is name collision.	Judith Spencer, Debbie Mitchell	8 May 2007	22 May 2007	Open
316	Judith Spencer said we should post an explanation of the purpose of the C4CP to the FPKIPA website, explaining that the FPKIPA needs this policy for those entities who cannot meet Federal Bridge cross-certification requirements, but who need an E-Authentication Level 2 credential.	??	13 Nov. 2007	26 Nov. 2007	Open
327	Cheryl Jenkins will send the annotated Implementation Plan to Judy Fincher for distribution to all cross-certified members of the FPKIPA.	Cheryl Jenkins	11 Dec. 2007	January 2008	Open
331	Dr. Alterman will draft language for the FBCA policy change procedure to do some "reality testing" and distribute it to the FPKIPA.	Dr. Peter Alterman	8 April 2008	13 May 2008	Open
366	Debbie Mitchell will share the finalized DoD Test Plan; the FPKIPA will then review it and decide what pieces they can and cannot do. Then Cheryl Jenkins will follow up to make sure the test plan includes testing at the application level,--not just the PKI level.	Debbie Mitchell, FPKIPA, Cheryl Jenkins	13 May 2008	10 June 2008	Open
371	Dr. Alterman will inform Verizon Business Systems (VBS) that their application was approved and will ask for the ETA for the Policy.	Dr. Peter Alterman	8 July 2008	15 July 2008	Open
373	Deborah Gallagher will check with DHS to verify the FRAC requirement.	Deborah Gallagher	9 Sept. 2008	14 Oct. 2008	Open
375	The FPKIPA Chair will take the enduring proxy and meeting schedule issues under advisement and will notify non-attendees that they risk losing their voting privileges if they persist in unexplained absences and do not designate a proxy when they cannot attend.	Judith Spencer	14 October 2008	12 November 2008	Open
376	Debbie Mitchell will ask Camie Webster if the PKITHING tool and other tools used in the testing are available to the FPKIPA community	Debbie Mitchell	10 Feb. 2009	19 Feb. 2009	

No.	Action Statement	POC	Start Date	Target Date	Status
377	Judith Spencer will send out the organizational "wiring diagram" from Ms. Mitchell to the FPKIPA voting members before the next FPKIPA meeting (14 July 2009).	Judith Spencer	9 June 2009	15 June 2009	Open
378	Cheryl Jenkins will send out guidance to the agencies on how to use the various root stores.	Cheryl Jenkins	9 June 2009	14 July 2009	Open
379	Cheryl Jenkins will provide a milestone and timeline sheet for the redesign effort. This will be provided as a dashboard on a monthly basis to the FPKIPA.	Cheryl Jenkins	9 June 2009	14 July 2009 and monthly afterwards	Open
380	R.J. Schlecht will re-convene the defunct Audit Working Group (AWG) in the July timeframe.	R.J. Schlecht	9 June 2009	14 July 2009	Open
381	Judith Spencer will check with NIST for additional guidance on device certificates.	Judith Spencer	9 June 2009	18 June 2009	Open
382	Judith Spencer will talk with Bill Macgregor at NIST about guidance for Key Management history.	Judith Spencer	9 June 2009	18 June 2009	Open