

Federal Public Key Infrastructure Policy Authority (FPKIPA)

Minutes of the 11 July 2006 Meeting

GSA Headquarters Building, 18th and F Streets, NW, Washington, DC Room 7001

A. AGENDA

- 1) Welcome & Opening Remarks / Introductions
- 2) Discussion / Vote on 13 June 2006 FPKIPA Minutes
- 3) Results of e-Vote on USPS Cross-Certification
- 4) Update on FPKIPA's Memo to NIST on Requested Changes to FIPS 201
- 5) Policy Upgrade Requirements of Cross-Certified Entities
 - o RFC 2527 to RFC 3647-formatted CPs
 - o Upgrade to Medium Hardware as prerequisite for HSPD-12
- 6) FPKI Certificate Policy Working Group (CPWG) Report
 - o Update on MIT Lincoln Laboratory LLC Mapping at Medium
 - o Discussion on FBCA CP Omnibus Change Proposal: 2006-02
- 7) FPKI Operational Authority (FPKI OA) Report
 - o Status of FBCA/Applicant Cross-Certification Technical Testing
 - o FPKI OA Directory Outage
 - o Audit Requirements of the OA
 - Technical POCs
 - Signed Original MOAs
 - OA FRP Evaluation List
- 8) Final Meeting Items
 - o Other topics
 - Criteria and Methodology Revision-Volunteers
 - SSP-WG
 - Other SPP Issues
 - August 8, 2006 FPKIPA Meeting
- 9) Adobe Briefing and Action Items Review
- 10) Adjourn Meeting

B. ATTENDANCE LIST

VOTING MEMBERS

The meeting started with a quorum of twelve (12) voting members present of thirteen (13) voting members, or 92.3%, where a quorum of 66.6% was required. Four agencies were represented by proxies (Commerce, DoD, DHS, and USPS). OMB continues to be an ex-officio member and the Department of Energy is currently a non-voting member because of its audit status. The FPKIPA

welcomed USPS to FPKIPA membership. It became cross-certified by an e-vote in June 2006 (see Agenda Item No. 3)

NOTE: Contact information for all participants in this meeting was removed 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 will be redacted to remove POC information. FPKIPA members needing POC information on other members and participants should contact the Secretariat.

Organization	Name	Email	Telephone
Department of Commerce (NIST) – Proxy to HHS	Polk, Tim by PROXY to HHS		
Department of Defense (Proxy to NASA)	Mitchell, Deborah by PROXY to NASA		
Department of Energy	Not currently a voting member		
Department of Health & Human Services	Alterman, Peter		
Department of Homeland Security	Hagerling, Don by PROXY to HHS		
Department of Justice	Morrison, Scott		
Department of State	Caldwell, Sally		
Department of the Treasury	Schminky, James		
GPO	Hannan, John		Teleconference
GSA	Temoshok, David		
NASA	DeYoung, Tice		Teleconference
OMB	Ex-Officio Member		
USDA/NFC	Absent		
USPS	Taylor, Andrew (for Mark Stepongzi), by PROXY to HHS		
USPTO	Purcell, Art		

OBSERVERS

Organization	Name	Email	Telephone
FPKI/FICC	Spencer, Judith		
Department of State (ManTech)	Froehlich, Charles R.		
Adobe	Chisolm, Rebecca		
Adobe	Landwehr, John		
GSA	Jenkins, Cheryl		Teleconference
Enspier (Secretariat)	Fincher, Judy		
State of Illinois	Anderson, Mark		Teleconference
GSA	Cornell, John		
Wells Fargo	Drucker, Peri		Teleconference
Department of the Treasury (eValid8)	Dilley, Brian		
FPKI/FICC support (FC Business Systems)	Petrick, Brant		

C. MEETING ACTIVITY

Agenda Item 1

Welcome & Opening Remarks / Introductions—Dr. Peter Alterman

This meeting took place at the GSA Headquarters Building, 18th and F Streets, NW, Washington, DC, Room 7001. Dr. Peter Alterman of HHS and Chair of the FPKIPA called the meeting to order at 9:40 a.m. with attendee introductions. The Chairman expressed wishes for a speedy recovery to Don Hagerling (DHS) who recently underwent a kidney transplant. The FPKIPA's special invited guests were John Landwehr and Rebecca Chisolm of Adobe.

Agenda Item 2

Discussion/Vote on 13 June 2006 FPKIPA Minutes—Ms. Judy Fincher

Ms. Fincher stated that she received only a few typographical comments on the 13 June 2006 minutes and that these had been incorporated. The minutes were approved by twelve (12) "Yes" votes of thirteen voting members or 92.3% where a simple majority of 50% was required. Brant Petrick posted the minutes to the web site on 11 July 2006, after the meeting.

Approval vote for 13 June 2006 FPKIPA Minutes			
Voting members	Vote (Motion –DOJ; 2nd – GPO)		
	Yes	No	Abstain
Department of Commerce (Proxy to HHS)	X		
Department of Defense (Proxy to NASA)	X		
Department of Energy	Not currently a Voting Member		
Department of Health & Human Services	X		
Department of Homeland Security (Proxy to HHS)	X		
Department of Justice	X		
Department of State	X		
Department of the Treasury	X		
GPO	X		
GSA	X		
NASA	X		
OMB	Ex Officio Member		
USDA/NFC	Absent-Did Not Vote		
USPS (Proxy to HHS)	X		
USPTO	X		

Agenda Item 3

Results of e-Vote on USPS Cross-Certification— Dr. Peter Alterman

Dr. Alterman stated that the FPKIPA approved the USPS cross-certification by an e-vote in June 2006. This is a special case where USPS has voting rights. But, no MOA or LOA will be issued until the USPS satisfactorily completes their audit mitigation plan. The FPKIPA will review their status no later than the FPKIPA September meeting and at that time will either vote to upgrade their cross-certification to Medium or vote to revoke cross-certification.

Ten (10) of the twelve voting members, or 83.3%, approved the USPS cross-certification at Basic, where a 75% majority of eligible voters was required during the time window specified (COB June 30).

Results of e-Vote to Cross-Certify USPS at Basic			
Voting members	Vote		
	Yes	No	Abstain
Department of Commerce	X		
Department of Defense	X		
Department of Energy	Not currently a Voting Member		
Department of Health & Human Services	X		
Department of Homeland Security	Did Not Vote		
Department of Justice	X		
Department of State	X		
Department of the Treasury	X		
GPO	X		
GSA	X		
NASA	X		
OMB	Ex-officio Member-Does Not Vote		
USDA/NFC	Did Not Vote		
USPTO	X		

Agenda Item 4

Update on FPKIPA’s Memo to NIST on Requested Changes to FIPS 201— Judith Spencer

Judith Spencer reported on the status of the memo submitted to NIST by the FPKIPA on requested changes to FIPS 201.

The memo requested that NIST review FIPS 201-1 requirements as they pertain to the FPKIPA. Specifically, the memo requested that NIST revoke the FIPS 201 requirement requiring entities cross-certified with the Federal Bridge to assert the Common Policy OIDs by January 1, 2008. The comment period ended June 16, 2006. The NIST review committee is currently reviewing all comments, she said.

Ms. Spencer stated that NIST will recommend to OMB that they release a policy statement regarding the forthcoming changes to the FIPS 201-1 prior to the release of FIPS 201-2. This process will probably take 18 months, she said, and in the end, NIST will probably do what the FPKIPA has requested, she said, pointing out that several members of the review committee appear to be favorably disposed.

ACTION: Tim Polk of NIST, the Department of Commerce representative to the FPKIPA and member of the review committee, will push to have the FPKIPA's concerns addressed. He will notify the FPKIPA via email as to the decision of NIST regarding the memo, probably before the end of the month.

Agenda Item 5

Policy Upgrade Requirements of Cross-Certified Entities—Dr. Peter Alterman, Judith Spencer

➤ **RFC 2527 to RFC 3647-formatted CPs**

Judith Spencer reported on activities to issue the Common Policy CP in 3647 format. She sent the latest version of the Common Policy CP to the CPWG last Friday. There are only four or so unresolved issues, she said. There were lots of changes to the verbiage, she said, but not to the requirements. In addition, she is currently comparing the FBCA CP and Common Policy CP at Medium, Medium Hardware and High and so far has only found six or so discrepancies. She will send it out to the CPWG with new comment bubbles when it's finished.

Ms. Spencer stated that the CPWG tasked Enspier to do a gap analysis of the CPS matrices, comparing the new Common Policy CP in 3647 format to the 2527 format version. That work will be completed before the special meeting with the SSPs (originally scheduled for August 4, now being moved into September).

These changes should not affect the currently approved SSPs. "We have a valid policy and SSPs who qualify against it. Any changes required by this rewrite will be phased in and 'milestoned' before the policy can go into effect. Any tightening of their ops will affect CA operations, but not the certificates they issue," according to Ms. Spencer.

Dr. Alterman asked when the agencies believe they can make the changes to move to the 3647 version of their CPs.

Brian Dilley said that Treasury is almost done converting the 2527 version of their CP to the 3647 format. He stated that Treasury has 46

change proposals regarding the new 3647 format. DoD and State are also in the process of moving to the new 3647 RFC version.

The FPKIPA agreed that federal agencies and other cross-certified entities should move to the 3647 format by September/October, 2007.

FPKIPA members also had questions about the process for capturing and reviewing the changes to individual agency CPs. David Temoshok wanted to know if re-certification was required. Judy Spencer asked if the CPWG would have to review the self-re-certifications. John Cornell felt the review should occur during the yearly audit. Cheryl Jenkins asked if entities could just do a delta audit of the changes and if a new CPS would be required. Re-doing CPSs would cost a lot of money, she said.

ACTION: Judith Spencer agreed to put together a proposal for review of the 3647 formatted CPs. This proposal should cover how agencies handle the timing of the upgrade, how to integrate with their CPS, and how to shortcut the process safely.

➤ **Upgrade to Medium Hardware as prerequisite for HSPD-12**

Dr. Alterman raised the question as to whether the FPKIPA should make a policy statement regarding the need to upgrade to Medium Hardware. As federal agencies cross-certified at Medium LOA begin issuing PIV cards in conformance with HSPD-12, should they be required to cross-certify again, using the new Medium Hardware OIDs?

David Temoshok felt we should take up this issue with agencies when they confirm they are in the "end state," not when they begin issuing PIV cards. Else, he asked, how would you know when agencies enroll in the PIV program?

Judy Spencer noted that the differences between Medium certs on a hardware token and Medium Hardware are very minor.

ACTION: Judith Spencer will draft a policy statement regarding Medium/Medium Hardware certs on PIV cards.

Dr. Alterman stated that the FPKIPA will refer the issue of Medium and Medium Hardware on PIV cards to the CPWG, using Judith Spencer's proposal.

John Landwehr stated that Adobe's Reader allows any CA that is Medium Hardware or higher to auto-validate. Adobe is looking for Medium Hardware OID on a PIV card in order for it to validate.

Dr. Alterman asked if we should require all agencies to change their CPs and then have the CPWG review the changes?

John Cornell proposed that the CIOs should send this information to all federal entities affected by HSPD-12. Others felt that it was more important for PKI operational staff to receive the information. The Policy Authority agreed that both should be informed at the same time.

Dr. Tice DeYoung proposed that the CPWG review potential policy changes and Ms. Spencer concurred.

Agenda Item 6

FPKI Certificate Policy Working Group (CPWG) Report—Judith Spencer

- Update on MIT Lincoln Laboratory LLC Mapping at Medium
Judy Fincher reported that MIT has not yet responded to the CPWG's comments on the mapping matrices. We expect that response by July 20, else the CPWG will not get the document in time to review it before the July 27 CPWG meeting.

Judith Spencer pointed out that MIT used an older version of the FBCA CP and that many changes were required, as a result.

Tim Polk, Co-chair of the CPWG, was on business travel in Canada and was not able to join in via teleconference.

- Discussion on FBCA CP Omnibus Change Proposal: 2006-02
Judith Spencer summarized the major changes made in this Change Proposal.

Section 3.1.5

The Federal PKI Policy Authority is responsible for ensuring name uniqueness in certificates issued by the FBCA. *Entity CAs shall identify the authority that is responsible for ensuring name uniqueness in certificates issued by the entity CA.*

Section 3.2.3.1 insert the following at the end of the first paragraph:

For Medium and High Assurance, identity shall be established no more than 30 days before initial certificate issuance. Entity CAs being considered for cross certification must comply with this requirement.

Practice Note: The FBCA will impose this requirement on existing cross- certified Entity CAs one year from the effective date of this change.

John Hannan (GPO) wanted to know if these changes had also been made in the Common Policy CP, and Judith Spencer replied that these two documents are now aligned.

Section 5.2.3 (table)

The CPWG changed the FBCA CP at the Medium LOA so that the auditor cannot assume any other role, except the Operator role:

Medium:

Individual personnel shall be specifically designated to the four roles defined in Section 5.2.1 above. Individuals may only assume one of the Officer, Administrator, and Auditor roles, but any individual may assume the Operator role. The CA and RA software and hardware shall identify and authenticate its users and shall ensure that no user identity can assume both an Administrator and an Officer role, assume both the Administrator and Auditor roles, and assume both the Auditor and Officer roles. No individual shall have more than one identity.

Section 2.2.1 (a new requirement)

Append the following:

For the FBCA, CA certificates and CRLs shall be available for retrieval 24 hours a day, 7 days a week, with a minimum of 99% availability overall per year and scheduled down-time not to exceed 0.5% annually.

Charles Froehlich commented on discussions his engineers had held with Microsoft on Section 6.1.5:

Section 6.1.5 in the Change Proposal reads:

CAs that generate certificates and CRLs under this policy shall use SHA-1, SHA-224, SHA-256, SHA-384, or SHA-512 hash algorithm when generating digital signatures. Signatures on certificates and CRLs that are issued after 12/31/08 shall be generated using, at a minimum, ~~SHA-224~~SHA-256.

Mr. Froehlich (State/Cygnacom) requested that this email be included in the minutes:

"During our review of this change proposal vis-a-vis our current policy, the Entrust/Cygnacom engineers on staff noted the following regarding the proposed change to paragraph 6.1.5:

"Microsoft cannot support SHA-224 at this time, and isn't expected to until Vista is released. The 2009 start date may or may not be optimistic for DoS to get Vista and Server 2007 deployed everywhere. Its also possible MS will release backports to XP and [Server] 2003, but I haven't heard anything to suggest that yet."

"Just to follow up on the last comment, when I talked to the MS CAPI Project Manager, he indicated that they would not backport the SHA-256 capability, but they may have changed their minds."

After the meeting, Larry Shomo (DHS) also joined in this discussion via email:

"The information we have for Microsoft support of SHA-256 is that it will be supported in Service Pack 3 for Server 2003, enabling the Microsoft CA to use it. As far as support for SHA-256 in the Microsoft Desktop Suite, it will be supported in Longhorn when it is released."

Ms. Spencer urged the FPKIPA members to review this Change Proposal carefully, to make sure it doesn't break anything.

The Chair insisted that a vote on the Omnibus change proposal occur at the August meeting.

ACTION: Judy Fincher, Secretariat, will send an email to the FPKIPA listserv, reminding members to review the FBCA CP Omnibus Change Proposal: 2006-02 and be prepared to vote on it at the August Policy Authority meeting.

Agenda Item 7

FPKI Operational Authority (FPKI OA) Report—Cheryl Jenkins

- Status of FBCA/Applicant Cross-Certification Technical Testing
Ms. Jenkins reported that interoperability testing with Boeing is still continuing. Their Security Department is trying to put up a Border Directory.
- FPKI OA Directory outage
Ms. Jenkins reported that the directory was down over the holiday weekend, but has been restored. As a result, we did not meet the 99.95% availability requirement (of the old Policy). The OA will submit an Incident Report. The Chair was informed.
- Audit Requirements of the OA
 - Technical POCs
Ms. Jenkins stated that the OA needs technical POCs for all cross-certified entities, including which listservs they should be on.

ACTION: The FPKIPA is asked to respond to the current POC list that Ms. Jenkins will send out, providing up-to-date POC information.

- Signed Original MOAs—this item was not discussed.
- OA RFP Evaluation List
Ms. Jenkins asked for volunteers to participate in the evaluation of the OA Operations RFP that will be published next week. The RFP is for a new Federal Bridge ops contractor to replace Mitretek.

ACTION: Cheryl Jenkins will review the SOW for the e-auth Centralized Validation Server to make sure it does not include Bridge ops.

The following people volunteered: Judy Spencer, Peter Alterman.

- Status of FBCA/Applicant Cross-Certification Technical Testing (any changes in bold)

<u>Completed</u>			<u>Current</u>	<u>Future</u>
Dept of the Treasury	Dept of Energy	USPTO	Boeing	Adobe
NASA	State of Illinois	DHS		
USDA/NFC	Dept of Labor	HEBCA		
ACES/DST	Wells Fargo			
DOJ	GPO	DoD		
DoD KMI	ACES/ORC	USPS		
Government of Canada	DoD ECA	CertiPath		
Dept of State	ACES/AT&T	DEA CSOS		

Agenda Item 8

Final Meeting Items—Dr. Peter Alterman

Other Topics

Criteria and Methodology Revision-Volunteers

We need volunteers to work on the re-write of the Crits and Methods document. It was written in 2002 and modeled after a Canadian document. We now have four years of operational experience. The existing theoretical description often does not mesh with the reality. For example, there is still a reference to the FPKI Steering Committee (FPKISC) and its oversight role over the FPKIPA. This is no longer accurate.

The following people volunteered: Cheryl Jenkins, Judith Spencer, John Hannan, Art Purcell, Dr. Peter Alterman.

SSP-WG

Judith Spencer reported on a meeting she and Dr. Alterman held with the NRC on 10 July. The NRC is asking to see the GSA C&A; the GSA audit letter is not sufficient for them. GSA currently does the C&A on SSPs and issues the ATO and IATO on CA ops. RA ops are handled by the agencies, themselves.

She raised the question as to the appropriate role for the FPKIPA vis-à-vis the SSP-WG. This resulted in a discussion re the FPKIPA role. Judith Spencer wanted the FPKIPA to decide on SSP approval and issue instructions to Cheryl Jenkins to sign the root cert of the entity? Currently only NASA, GSA (Steve Duncan, Judith Spencer), Commerce, and Peter Alterman are participating in the SSG-WG.

Dr. Alterman said that the head of the FICC is the cognizant authority for the SSP-WG, since it originated as a FICC WG. Judith Spencer wanted to see the FPKIPA own the policy, as well as the process. Jim Schminky wanted to leave the process as is. David Temoshok wanted to see the type of infrastructure that the Policy Authority brings into the approval process for SSPs. It's not just HSPD-12 implementation that's at stake. There are broader issues, from the trust standpoint. The FPKIPA has a role, he said.

Judith Spencer asked if agencies who become PIV card users and work with SSPs should become voting members of the FPKIPA.

Dr. Alterman stated that it's in the FPKIPA By-laws that agencies have to do a Registration Practices Statement (RPS), the CPS for the registration function only. Once an agency accepts an SSP as their provider, they will have to send a memo to the FPKIPA, asking to participate.

ACTION: The SSP re-write committee headed by Dr. Peter Alterman will create a new section 4 of the Crits and Methods (C&M) document for SSPs. This will bleed into the FPKIPA Charter and By-Laws. Dr. Alterman said the C&M re-write will be analogous to what we did with ACES, i.e., we ask for their bona fides: memo of application, 800-79 compliance statement, and audit summary.

It was decided that the FPKIPA chair, Dr. Peter Alterman, will take over responsibility for SSP policy and processes.

Other SSP Issues

Treasury has now become a Shared Service Provider (SSP). Dr. Alterman noted that Steve Duncan is still not participating in the FPKIPA meetings. Mr. Duncan is Chair of the SSP-WG.

August 8, 2006 FPKIPA Meeting

Art Purcell/USPTO, will try to find a conference room for the next FPKIPA meeting to be held on August 8, 2006 at the new USPTO building in Alexandria near the King Street Metro.

Agenda Item 9

Adobe Briefing

John Landwehr, Director, Security Solutions & Strategy, Adobe, gave an update on Adobe's digital signature support and cross-certification.

Adobe currently has support for digital signatures. Support for SHA-256 was put in Release 7.0 of the Adobe Acrobat Reader. Version 6.0 has support for a single root key. This is their method for establishing trust of the roots. It's managed at the application level, he said.

Regarding cross-certification: Our Certificate Policy maps to your Medium Hardware, he said. We're now looking at the logistics. There are two options:

- a. Cross-certify the individual agency or SSP. Are there publically-facing documents that will automatically validate?
 - i. HHS, Yes, e.g., the CMS documentation.
 - ii. State, Yes, the Bureau of Counselor Affairs.
- b. Double cross-certify. Adobe would cross-certify the FBCA root and the FBCA would cross-certify agencies. This should work and has been discussed with NIST. But, he asked, how do we know the CA isn't issuing Medium software certs?

John Hannan (GPO) wanted to know if Adobe is inspecting OIDs to make sure it is at Medium Hardware or higher?

Cheryl Jenkins stated that PD-Val tools are needed to differentiate those OIDs. John Landwehr responded that PD-Val is partially implemented in Version 7.0 and will be in the next release. We built our own, he said, to provide interoperability across the Windows, MAC OS and Linux platforms.

John Landwehr wanted to know if there was any interest in an API to the engine that talks to the Reader and browsers?

Dr. Alterman said there was interest in talking to the Microsoft Office Suite.

John Hannan (GPO) described the benefit to the US citizen. This makes PKI practical and useful across a plethora of computers across America. It makes PKI easy to use. He said the GPO is moving to take advantage of Public PKI services. GPO wants to link up electronically to mirror the in-based process of document distribution.

ACTION: John Hannan will coordinate with Adobe and John Cornell.

Action Items Review

At David Temoshok’s request, the Chair and Secretary will scrub the Action Items List and review with the POC for each action item before the next FPKIPA meeting.

Agenda Item 10

Adjourn Meeting

The meeting adjourned at 11:45 a.m.

CURRENT ACTION ITEMS

No.	Action Statement	POC	Start Date	Target Date	Status
187	Mr. Tim Polk and Ms. Judy Spencer will meet with DoD to conceptualize a plan to help DoD internally to upgrade its CA's and shore up its infrastructure (repositories).	Judy Spencer, Debbie Mitchell	10 Jan. 2006	Sept. 2006	Open
189	We need to revise the MOA to accommodate E-Auth Federation requirements. Defer to after the E-auth PMO changes the Legal and Business Rules.	Peter Alterman, John Cornell, Georgia Marsh (or PMO rep)	20 July 2006	Oct.-Nov., 2006	Open
191	Mr. Art Purcell will be put on the work team to provide information on federal regulations that govern storage of the documents that will be posted to the shared Document Management Services system on behalf of the Policy Authority.	Cheryl Jenkins, Art Purcell	10 Jan. 2006	14 Feb. 2006	Open
193	Dr. Peter Alterman and the head of the OA will negotiate terms for the cross-certification process and add this language to the By-Laws document. This will be brought to the Policy Authority for a vote. (To coincide with Action Item # 189).	Dr. Peter Alterman, Cheryl Jenkins	10 Jan. 2006	Oct.-Nov. 2006	Open

No.	Action Statement	POC	Start Date	Target Date	Status
211	Ms. Judy Spencer is to speak with Acting Federal Acquisition Service Commissioner G. Martin Wagner regarding leasing other space at the Willow Woods facility for the FPKIA operations center.	Judy Spencer	14 March 2006	31 March 2006	Open
212	Ms. Cheryl Jenkins is to develop an Approach to Application Testing for PD-Val.	Cheryl Jenkins	14 March 2006	8 Aug. 2006	Open
221	Mr. Randy Speed is to inform the FPKIPA when the NFC no longer has any certificates, so that the NFC cross-certification can be revoked.	Randy Speed	9 May 2006	30 Sept. 2006	Open
228	Judith Spencer will draft a policy statement regarding Medium/Medium Hardware certs on PIV cards.	Judith Spencer	11 July 2006	8 August 2006	Open
229	Judith Spencer agreed to put together a proposal for review of the 3647 formatted CPs. This proposal should cover how agencies handle the timing of the upgrade, how to integrate with their CPS, and how to shortcut the process.	Judith Spencer	11 July 2006	8 August 2006	Open
230	Tim Polk of NIST, the Department of Commerce representative to the FPKIPA and member of the review committee, will push to have the FPKIPA's concerns addressed. He will notify the FPKIPA via email as to the decision of NIST regarding the memo, probably before the end of the month.	Tim Polk	11 July 2006	8 August 2006	Open
234	The SSP re-write committee headed by Dr. Peter Alterman will create a new section 4 of the Crits and Methods (C&M) document for SSPs. This will bleed into the FPKIPA Charter and By-Laws. Dr. Alterman said the C&M re-write will be analogous to what we did with ACES, i.e., we ask for their bona fides: memo of application, 800-79 compliance statement, and audit summary.	Peter Alterman, et al	11 July 2006	8 August 2006	Open
235	John Hannan will set up a meeting with John Landwehr (Adobe) and John Cornell (GSA) to discuss legal liability issues of concern to Adobe	John Hannan, John Landwehr, John Cornell	11 July 2006	8 August 2006	Open

