

CSWG/NIST Smart Grid Privacy Subgroup

July 20, 2012

Attendance

- Rebecca Herold – The Privacy Professor
- Ken Wacks – GWAC
- Chris Kotting – EIS Alliance
- Amanda Stallings – PUCO
- Krystina Schaefer – PUCO
- Bruce McMillan – MS SNT
- Tim Tobin – Hogan Levels
- Leonard Tillman – Balch & Bingham
- Dan Friedman – Tandem
- Mike Coop – Think SG
- Sarah Cortez – Inman Technology
- Anan Sokker – FPL

Subgroup Updates –

- Use Cases – Team is making progress (75% complete). Reviews and revisions based on comments from everyone who sent them in. On task to meet August deadline.
- 3rd Party Team – wrapping up activities. Recommendations paper will be sent to Marianne Swanson who will forward the approved copy to the Twiki. To be used in the next version of the NISTIR. Sent the NAESB REQ 22 gap analysis to NAESB for further action.
 - When posted the report will be available at: <http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPCosSIFNAESBREQ22>
- Training & Awareness – Rebecca to send a note next week after Marianne looks at 3rd party rec paper. After that, we will begin regular meetings to start slides for 3rd party training.
- PEV Team – Team has been on hiatus for quite some time. Background – Society of Auto Engineers and their specifications that relate to PEVs basically ignored security and privacy in the drafting of their standards. CSWG told SAE that they need to figure out how to bake in security and privacy into their standards. SAE stood up a group called J2136/1 to look at privacy and security protocols. No movement has occurred for months. Potentially have a huge customer base for the standards but motivations have been lacking. There's been a real challenge to get anybody interested in the industry. Plan to rewrite privacy use cases from

Version 1 and base those on the SAE standard. Rebecca states deadline for product is end of August/beginning of September.

- NISTIR 7628 Vol 2 Revision:
 - Reviewed the first version of NISTIR 7628 Volume 2, the Privacy section, and started looking at where *updates* are needed.
 - This should NOT be a wholesale replacement but expansion and/or renewal of the chapter is possible. Please look through the outline provided and determine where you are able to assist.
 - We need to have all perspectives (e.g., utilities, privacy groups, PUCs, etc.) involved from the beginning of these updates. We do not want to have some of our group members investing a lot of time up front on the updating and then have some members waiting to express concerns after the updates are made. If you have a vested interest in specific areas of this document, then get involved now so that our update process will be as efficient as possible.
 - We need to include something about the NISTIC even though the project is currently on hold. Regardless, the topic needs to be documented.
 - PEV privacy cases will be separated from our traditional privacy use cases. Format TBD.
 - Awareness and training section will have to write about what they've done. PPT slides will NOT be included in the document but rather links to where the slides can be found online.
 - Talk of including a section that describes ways organizations can verify adequate 3rd party security protections.
 - Replace Hob Heater diagram with something more current and relevant that is specific to smart meters (the Hob Heater diagram was not).
 - Suggestion to include guidelines/recommendations for data retention and destruction.
 - Also discussed emerging issues – had a discussion at the F2F, Francis sent a list of issues that may come up in the future. Etc...
 - If there is a specific section you want to work on, please send Rebecca a direct message to rebeccaherold@rebeccaherold.com
 - Good Documents?
 - Work coming out of MIT and Missouri listing what can be extracted from 15-minute data. Bruce will submit to Rebecca for review and possibly add to the updated section.
 - Also, some group members work in metering companies who may have some good comparisons they could submit.
 - Need to update image 5-2.
 - Privacy Impact Assessment: Vol 2 is built around this. Many are using this as a model for their own internal PIAs. There may not be many changes and/or scale down to make within it.

- A lot of people have been using PIA section as a basis for their own internal assessments.
- A possible table for Smart Meters (pg. 27)
- In-depth look at SG privacy concerns. Necessary to go back and see if these concerns are still valid or if there are new concerns that may also be included.
- Table 5-3 also needs updated.
- Everything after pg 40 is summary and appendices
- **Assignment:** Look through this document. Think about what portions of this report that you would like to help update or create. Send Rebecca and/or Tanya a message indicating the sections you want to work on. We will then start meeting in sub-teams to draft/update language for the reports that will ultimately go into the updated NISTIR.
- **Action Items:**
 - Identify the sections that your work activities and interest apply to
 - The items that we have here that sub-teams did not address over the past couple of years will need some people to establish an initial draft.
 - 3rd party, Privacy Use Case Definitions: Anan, Kotting, Amanda NOTE: Third party is defined within the Third Party Privacy Recommendations paper we just finished.
 - Consent & Authorization issues for use of data: Rebecca, TBA, Leonard

Next meeting: August 3, 2012 @ 11:00AM EDT