

# May 20, 2010 NIST Smart Grid Privacy Subgroup Meeting Notes

Minutes by Rebecca Herold

Please send this distribution list any necessary corrections or additions.

We are a diverse group, with often differing viewpoints, but our collaboration and *respectful* consideration of all viewpoints will result in a much more valuable privacy chapter.

Next full group meeting:

**Thursday, May 27, 2010 at 11:00am est**

Here are my summary notes from yesterday's meeting:

## 1) Reviewed Timeline & Final Chapter Status

Over the next two weeks we must:

- Establish final chapter document organization and arrangement (was done during this meeting; May 20).
- Review each section of the chapter document to discuss, debate, explain, etc, the content and what needs to be changed.
- Once we get the organization and wording the way we want it, we then need to make sure all the privacy terms are being used consistently throughout the chapter.

Specific actions needed include:

- Privacy use cases team is meeting separately at least one more time
  - Gail is working on updating the current section
  - ***TO DO: Gail will send updated use cases section to her team, schedule a meeting early next week to review to get the update to Rebecca and into the full document by next Thursday's meeting***
- All group members
  - ***TO DO: Review the content of the draft sent on May 18!***
  - We need to:
    - Include the outstanding privacy use cases details and examples.
    - Determine other content that needs to be included.
    - Determine the content and key points to put within the summary section based upon reviews of the chapter content.
    - Ensure the content is as clear and accurate as possible.
    - Ensure terms are consistent throughout.
    - Ensure consistent capitalization throughout.
    - Make sure all the footnotes are accurate.
    - Make sure all footnotes are accounted for and correctly numbered.
    - Make spacing consistent throughout.
    - Other...to be determined.

## 2) Chapter Organization

- Reviewed organization of the draft that was distributed May 18.
- Tanya: Under PIA, leave principles and findings, put all the recommendations, along with repeating a succinct description of the findings as applicable to the recommendations, in the summary. Really likes current flow of the chapter.
- External readers want at beginning, or at summary. However, putting at beginning could lead to many not reading the full report.
- Put all the recommendations within a summary section. This should get to the heart of the paper.
- Chris K: Make sure that in the PIA section you explicitly point out that the recommendations are in the summary.
- Gail: In the definitions, point to the energy definitions for the entire NISTIR 7628.
- As indicated in the draft, and in past communications, we will compile the key points we want to include in the summary section during our group discussions of the draft over the next week or so.
- ***TO-DO: Rebecca will make the changes and additions as determined during discussion.***

## 3) Additional Items To Address Within Chapter

### Introduction section

- Tanya: In introduction point out there is a summary, and also where the findings and recommendations compilations can be found.
- Chris: Change from passive to active voice. Discussion of the concept of privacy. Definition of privacy terms. Etc.

### What is Privacy section

- Gail: Pick terms that move away from utility, and use smart grid entity. Move away from consumer to individual.
- ***TO DO: Gail will send her ideas for that section; then see her suggested changes.***

### Definitions section:

- Gail: point to energy data items; expand upon the "personal information" definition per her suggested paragraph addition.
- Mark: There were different definitions for "consumers" "customers" etc. in the draft he sent back in March.
- Tanya: ***TO DO: Will check if we will have one definition of "consumer" "customer" etc. for the entire NISTIR.***
- Mark: On KnowledgeBase, there was a listing of terms submitted. Will send a pointer.
- ***TO DO: Determine if there will be definitions of the energy terms included for the full NISTIR 7628.***

### Legal Framework section

- Sarah: General Invasion Of Privacy Concerns With Smart Grid Data, a great sub-header.
- Gail: Add Employee and Labor Laws item.

- Gail: Under Smart Grid Data Ownership; doesn't energy data contain energy data? Change the word customers to individuals.
- Chris K: There are so many different levels of energy data; not all of it is identifiable to a customer. There is substation data. The energy data that is identifiable with an individual depend upon situation.
- Chris K: Really getting into landlord tenant law when bringing those issues into the legal section. E.g., Xbox use.
- Tanya: We need to stay focused on the differences the smart grid brings to the legal issues in this section. Landlord/customer issues have been in existence for quite a while.

#### Addressing OpenHAN (Registration Issues)

- Actually the bigger related issue within the chapter; more of a registration with appliance makers and other third parties, and then subsequent sharing of that information.
- Lillie: Perhaps put a footnote at the appropriate location.
- Chris K: Don't specifically refer to OpenHAN. Already quite a bit about wireless. Include something in about devices being registered with an outside party; a controlling connection with an outside party. This issue isn't openHAN, it is the registration of the device with a third party. Registration/communication could be through the customer's own network. Privacy implications of how the data is captured, if it is captured, and conveyed. How it is conveyed is a security issue. How it is used is a privacy issue. Device registration is independent of any energy usage information. Simple act of frig telling a third party "I'm here" has privacy implications. Smart grid does not REQUIRE that device to communicate.

#### Smart grid data getting onto the Internet

- Tanya: Google gadget is available now.
- Gail: Doing a use case on the Google gadget may be good. Need to have a use case about registering a device with an unregulated entity. May not have anything to do with energy consumption, but does cover data in the smart grid.

Issues that need to be considered for when smart grid data crosses borders into other countries.

- What to include about this?

Other important topics that are missing that need to be addressed?

#### **4) Miscellaneous**

- ***TO-DO: Rebecca will take suggestions and any subsequent updates received in the next few days and send a new draft to the full group before next week's Thursday meeting.***
- The Herndon face-to-face is June 2 & 3. Make your plans to attend now if you haven't yet but plan to go!
- There will be teleconference capabilities for the June Herndon meeting.
- ***REMINDER! NIST has asked me to remind you to please do not distribute the privacy chapter draft documents outside of our distribution group. Our documents are works in progress, and we do not want them to be represented as NIST's final***

***versions or representing NIST's final opinions or viewpoints by being distributed beyond our group to entities that may represent them or interpret them as such.***

Thanks!

Rebecca