

## SG-Network TF Conf Call Notes - DRAFT

**Date/Time:** 17Jan2011, 2-3pm eastern

**Participants:**

Matt Gillmore (chair)	Jorjeta Jetcheva
Ron Cunningham (vice-chair)	Juan Oliver
Andy Bordine	Michael Northern
Doug Gray	Mike Corbett
Gary Stuebing	Vincent Bommel
Jerry Armes	

Note: others may have been on the call, but the note taker did not catch names.

**Agenda Items / Major Discussions:**

**SRS Review – Distribution Domain Use Cases** – Andy Bordine walked through the edits being made on the Distribution domain use cases in section 3 of the SRS. Clarifications of how to categorize, summarize, and apply the section 3 template as represented in the Meter Reading use case were discussed.

It was agreed:

- Ron would assist Andy in merging in the alternative comm-path graphics specific to the distribution sections being discussed
- Continue to use the payload parent row actors and non-functional information for inclusion in the “Business Objectives” tables and retain as is the “Implications and Rationale” tables

**PAP 2 Guidelines & Post v1.0 Work** – Matt reminded the group that NIST had sent out to the PAP02 working group distribution a call for approval to release the draft as v1.0 of the “NIST Special Publication, Guidelines for Assessing Wireless Standards for Smart Grid Application” by 28Jan2011. Here's a link to the latest draft

<http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PAP02Objective3> and to the previous draft comments and their disposition

<http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PAP02Wireless>

It was clarified that the NIST email asked for an approval of the latest draft as v1.0 and not asking for further edits of this draft.

It was agreed:

- Matt would follow-up with NIST as to whom the approval for this latest draft was intended e.g. the PAP 2 working group mail distribution, the appropriate representatives of the groups/organizations that contributed to this body of work, the content providers and contributors?

The group was reminded to consider and provide feedback to Don Sturek's email 12Jan2011 concerning “Project Kickoff Request for SG-NET: Last Mile Wireless Requirements” from OpsenSG TC as a new and follow-on the the work and deliverbale of PAP 2 mentioned above.

**Jerry Armes – Hand Offs e.g. Requirements Database** – Jerry summarized the status of the database, the user documentation, and perceived high priority needs. The latest database (based on r4.1 draft6 Requirements Table) and user documentation are

in the SG Network work-in-progress database-wip folder. Ron also reiterated to call for database coders and indicated that the effort is at a critical decision point of what needs to be accomplished when and on what platform e.g. SG Network's database deliverable to be wrapped up by end of March or later in 2<sup>nd</sup> quarter 2011 and do we leave the deliverable as MS ACCESS 2000/2002/2003 with VBA and Active X controls or is the deliverable to be MS SQLite and .NET tools or something else? Jerry also mentioned that in changing to a different platform, the issue of code licensing will also need to be revisited.

It was agreed:

- Matt would have an associate of Consumers Energy perform a quick assessment of the effort and time to convert/port the current database environment (as is) to a MS SQLite and .NET tools.

**To-Do's** (description, lead person, [current state](#))

1. **System Requirements Specifications** – normalize to other OpenSG SRS documents in style, target audience, and adding new use case content:
  - Comment/feedback template - [Matt will send notification out to several groups to start using the template after performing some additional vetting of the process and template to a few testers.](#)
  - core SRS editors/reviewers (Matt Gillmore, George Cosio, Klaus Bender, John Buffington, Ron Cunningham, Vincent Bommel) – [Need to continue to provide content especially for section 3. Target is to complete SRS by end of Mar2011.](#)
  - Actor Normalization ([Andy Bordine](#)) - sub-group to provide recommendations with primary focus on distribution actors with intent of establishing or reusing a good categorization of especially DA actors, but decompose a category only as needed to clarify documentation of use case business functional and volumetric requirements. [Andy to work with Ron on the objectives and deliverables of this effort. Consider collaborating with Doug Houseman.](#)
2. **SG-Network Deliverable(s) Release 5/6 potential use cases** – the next priority set of use cases requirements draft potentials (see below for partial list).
  - Updated use case and targeted release table – [continue to review and comment on release 4.1 draft6, and continue to complete the remaining documentation for the next release.](#)
  - Scan Previous use case requirements for consistent inclusion of error and other management payloads and prepare needed payload requirement sets (Mike Corbett) [Other use cases are being investigated.](#)
  - HAN (plus those for PLC technology consideration) – Matt Gillmore and Don Sturek to reach out to ASHRAE(?) and SAE(?) for their current use case documentation for incorporating into functional/volumetrics requirements deliverables. [Dealing with document terms of use and access points.](#)
  - DA, divided into sub use cases:
    - Additional comm-paths added to already documented sub-use cases (Ron Cunningham) [target for release 4.1](#)
    - DA Maint, DSDR, Volt / Var – [Distributed](#) (Bill Godwin, Andy Bordine, Ron Cunningham) [targeted for release 5.0](#)
  - Outage Mgmt (Matt Gillmore) [add payloads for ultimate consuming actors of outage information targeted for release 4.1](#)
  - PHEV (Ron Cunningham & Vincent Bommel) [add “follow the money” payloads and](#)

- others as extracted from SAE, targeted for release 4.1.
- PrePay (Ron Cunningham) add “follow the money” & SMS text & email payloads targeted for release 4.1
  - Pricing – TOU, RTP, CPP (Vincent Bemmell & Ron Cunningham) – add in the pricing payloads, targeted for release 5.0
  - Configuration Mgmt (Kory Fifield) targeted for release tbd. Matt to follow-up on this.
  - Security key exchange – Need to add payload, Matt will send inquiry out to group on what the appropriate “How Often” should be, targeted for release tbd
  - Payload Implications, LIC, CIA vetting – continue to document the implications and work with the network-security sub team to vet payload LICs and C-I-A values based on the application payloads
3. **Functional/Volumetrics database (Jerry Armes, Klaus Bender, Kelly Flowers, Matt Gillmore, David Gosch, Ron Cunningham)** – Jerry to provide assistance to address loading/processing the Requirements Table split out of the Payload security LIC, C-I-A, Implications to a separate expanded spreadsheet tab as illustrated in r4.1 draft 7.
  4. **Analysis of 1800 MHz band for Smart Grid** – Need to schedule up a focus group working session to further link the utility business requirements and deployment topologies issues to a specific amount of xMHz spectrum from available spectrum bands.

**Next Working Session / Conf Call(s):**

Monday 24Jan2011 2-3pm eastern.

URL <https://www2.gotomeeting.com/join/738908066>

Use microphone and speakers (if using VoIP) - a USB microphone/headset is recommended. Or, call in using your telephone. **Mute phone when not in the conversation.**

Dial **714-551-0021**

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