

## SG-Network TF Conf Call Notes - DRAFT

**Date/Time:** 16Apr2012, 4pm eastern

**Participants:**

Matt Gillmore (chair)	John Buffington
Ron Cunningham (vice-chair)	Klaus Bender
Bruce Kraemer	Michael Northern
Jerry Armes	Tim Godfrey

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

**Agenda Items / Major Discussions:** [\[text in blue, post the conf call additional information\]](#)

**SRS Edits** – Matt walked the group through the steps of identify/creating the sect 4 sub-sections payload scenarios and then creating and sourcing the data and information for those scenarios. This involves extracting information (via filters) of the parent row payload information. Mat raised the question as to how should the failure payloads (cmd and comm errors) get included in the SRS sections. The Metering Reading section has that played out with the error payloads as one scenario. The other options discussed (using the Premise Network Administration use case) included:

- not detailing out the error payloads
- merging those error payloads into the same payload scenario of their payload the error was about
- distinct payload scenarios but including the normal state (successful) payload along with the error payload

Discussed: the value and issues with going one way or the other, including when the associated total row of the tables was applicable. The consensus was that use one approach consistently though the document.

It was Agreed to:

1. have a scenario containing only the error payloads for the use case sub-section being documented
2. for the error payloads table, do not include the “Totals” row
3. for the payloads table for the non-error payload scenarios, “Totals” row to only include the cell values (with table borders) for the Latency and Reliability columns.

Note: Matt's work-in-progress version of the SRS had the Meter Reading use case scenario sub-section changed to these agreements, that is to be the pattern for the other section 4 sub-sections

**SG Network SG Requirements** – Ron indicated that the SG Network Requirements are being considered as input into other groups work efforts e.g. SGAC's Semantics Mode and OpenSG EIM WG work. Ron indicated he will be presenting some of the SG Network SG Requirements output especially the parent row actors-payloads and some of the payload tab to the OpenSG EIM WG next week. Ron walked through an investigation of evaluating the parent row from/to actors, payloads, payload type, latency, reliability metrics as view from the unique from/to actor pairings looking for repeating patterns that might be of value in feeding into high levels of abstracting the SG Requirements into a reduced requirement set.

Action Item:

- Ron will post this draft work-in-progress to the SG Network website.

**PAP02 Activities Update** – Ron indicated that a portion of extracting and formatting the SG Network requirements for use in the PAP02 mode-area wireless assessment tool included separating the SG Requirements between baseload and special event payloads so that the wireless model could be run for the nominal steady state loads and another one for heavy load periods, adding the special event payloads with the baseload payloads. Ron requested assistance in having someone of SG Network tag the 204 payloads as to their being baseload or special event. Tim Godfrey indicated he would contact Ron offline to see if Tim might be able to assist.

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

### **I. System Requirements Specifications** – the following items need to be updated:

Matt to solicit guidance and How-Tos to allow the numerous figures and tables to be linked into the master SRS source document to allow easier updating of individual figures, tables then allow the intended pdf format of the SRS regenerated as needed, versus all of the manual copy/paste format steps currently being performed.

sect 2.1.4 Deliverables – Matt to add in brief descriptions of the primary tangible deliverables e.g. SRS, Requirements Table, Reference Diagram, Application Payloads Table

sect 2.2.1.3 – Note: it is not expected that the mapping of the SG Network application payloads to CIM messaging will make it into the pending SRS deliverable [unless resources to perform that are identified and volunteered or engaged](#).

Sect 4:

- ⤴ Write the overview for each of the use cases
- ⤴ Matt, reconcile actor definitions with Andy Bordine
- ⤴ Section 4.\*.3 needs Scenarios pasted in and described
- ⤴ NOTE that DA reference architecture is generic for DA use cases
- ⤴ Matt, <in progress> collapse Distribution Grid Management & other DA use cases

sect 5 Appendix

- Matt to evaluate 5.5 change to landscape page formatting
- Ron to work up content to explain the minimal requirements and dependencies when selecting which use cases and application payloads are appropriate for specific Deployment profiles.
- Ron, <in progress> Add Method for adaptation of the requirements table information to specific analysis needs (Copy from NISTIR 7761v1 section 3, and modify)

### **II. Requirements Table - Release 5.2? potential use cases and needs**

- A. Distributed DA Maint, DSDR, (Ron) Volt / Var control use case rqmts
- B. (Matt) Security payload overhead - addtl volumetrics (?)
- C. Security Key Exchange add payload rqmts
- D. PHEV and PrePay - add follow the money payload rqmts
- E. HAN (plus those for PLC technology consideration)

### **III. Functional/Volumetrics database** – refer to “database-update-needs-

29Aug2011.doc" file in the Rqmts-Database-wip folder for list of additional database coding needs.

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

**Monday 23Apr2012 4-5pm eastern – normal SG Network TF weekly call**

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