

SG-Network TF Conf Call Notes - DRAFT

Date/Time: 05Dec11, 4pm eastern

Participants:

Matt Gillmore (chair)

Michael Northern

Ron Cunningham (vice-chair)

Tim Godfrey

Doug Gray

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

Agenda Items / Major Discussions:

SRS Edits – Matt summarized the current state of the SRS per the “SG Network SRS Version V3.8_09192011v6.doc” file posted to the SRS-wip folder. The main points were the reworking of section 4 with full stubs for all the previously missing use cases. e.g. section four now contains ~30 subsections. The updated use case and communication paths options diagrams need to be populated into section 4 along with payload summarized content from the updated Requirements Table. Matt indicated that he would work with internal Consumers Energy resources to perform these task, then post the result back to the group for a critical review and additional of missing textual content. There is some additional missing content for sect 2.1.4 that Matt will also be included.

Requirements Table 5.1 – Ron reported that the Requirements Table “SG Network System Requirements Specification v5.1.drafta.xls” was frozen and a clean (version edits accepted) “SG Network System Requirements Specification v5.1.xls” file was created. This included updating the: payloads tab for the “Audit_Application_Event” payload type change to alert and the associated text in the C-I-A rationale cell; payload-usecase-row-cnt tab. The Requirements Table 5.1 now contains 7855 rows. These files have been posted to the Rqmt-Table-wip folder.

Action Items:

- ⤴ The Requirement Table (clean r5.1) version needs to be used to update the content in the SRS section 4 and in section 5.4 for the payloads.
- ⤴ Ron will post the two files (frozen wip drafta and the clean 5.1) into the SG Network TF Latest_Release_Deliverables folder concurrent with the pending release of the SRS or within 1 month, whichever comes first.
- ⤴ Ron will refresh the Requirements Database with the clean r5.1 content and post to the SG Network TF Database-wip folder.

Deployment Profiles – Ron introduced a table that played out the vast majority of deployment profiles that existed in the SG Network Reference Diagram and Requirement Table. The draft profile table contains 72 unique AMI only profiles and 5 unique DA only profiles. For the deployments with a combined AMI and DA, that set results in the sum of the previous 72 + 5 and another 6 profiles unique to having DA and AMI share the same field network infrastructure. The intent is to bring this information into both the SRS as well as the Requirements Database efforts to provided sufficient text to clearly explain that all of these deployment profile options are contained with the current SG Network deliverables and how to extract out specific deployment profile requirements.

Action Items:

- Ron will post the draft profile table to the SRS-wip folder and work up the content for inclusion into the SRS and investigate creating and linking graphic representations of these profiles with the profile table.

PAP2 Update – Doug provided status of the SDO sub-team efforts. Rework of the text of section 4 is almost complete. That revised section 4 will be used to request and update from the SDOs for their wireless standards specifications and characteristics as called out in section 4 for inclusion into the version 2.0 document. Doug also indicated that section 5 content is still under review and the SDO expect to complete that content revision by end of Jan2012. There is also a PAP2 conf call Tuesday 06Dec2011 8:20 am Mountain time for 1.5 hours.

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: May include Margaret Goodrich's input on CIM mapping to payloads, if available in time for SRS publishing. [Margaret showed examples of mapping several SG Network payloads to CIM. Margaret and Ron to work out the refining the mapping process to reduce the resource requirements. Note: it is not expected that this CIM mapping will make it into the current SRS deliverable.](#)

sect 2.2.1.4 – Matt will update section with text to describe the process that also used the use case Reference Diagrams and the recent Requirements Table Ref Diagram to Requirements Table vetting processes

sect 2.2.1.5 – move the Requirements Table “Illustrative” figure from sec 3.1.1 into sub-section of 2.2.1.5 near the discussion on the Requirements Table and column descriptions, which might end up decomposing the figure further

sect 4 – [Matt insert current use case and comm-path options diagrams into appropriate sub-sections and stub out the new sub-sections sub items.](#)

sect 5 Appendix

- Matt to add acronyms (abbreviations) from Requirements Table 5.0 “HowOften-abbrev-xref” tab into section 5.2
- [Ron work up deployment profile content for inclusion into the Alternative / Multiple Communication Paths or an addition Appendix section](#)
- Matt to re-copy 5.5 into the document from Requirements Table 5.0
- Matt to evaluate 5.5 change to landscape page formatting

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** (Jerry Armes, **Klaus Bender, Kelly Flowers, Matt Gillmore, Mark Thompson, Ron Cunningham**) – 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 12Dec2011 4-5pm eastern – normal SG Network TF weekly call, last one for 2011

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

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