

SG-Network TF Conf Call Notes - DRAFT

Date/Time: 12Sep2011, 4pm eastern

Participants:

Ron Cunningham (vice-chair)	Jorjeta Jetcheva
David Cypher	Mark Thompson
David Gosch	Mark Van Wyhe
Doug Gray	Rich Tolway
John Buffington	Vincent Bommel

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

Agenda Items / Major Discussions:

Requirement Database – v5.0 resource needs – Ron described in more details the specific coding needs included in the “database-update-needs-29Aug2011.doc”, and requested those on the call for additional volunteers to assist in the Access VBA coding needs. Matt and Don have a task to reach out to the other OpenSG groups for assistance. Ron stressed that making the Requirements Database usable to the same audience of the Requirements Table and Reference Diagram was another key SG Network TF deliverable.

Requirements Table v5.1 potential additional work – A draft1 for v5.1 has already been started to address the proposed additional requirement documentation needs called out in the ToDo's II section below. Ron also indicated that during the review of the Requirements Database “AlternativePathConnections” table, 3 parent rows pseudo code contained some malformed operators that need to be corrected. Ron also asked the participants, that if they were willing to write up some payload requirements sets, to please contact Matt or Ron.

System Requirements Specifications – The current wip version of the document is [[“SG Network SRS Version V3.8_07202011v1.doc”](#) as found on the SG Network TF website work in progress SRS-wip subfolder. Note: what Ron displayed in the conf call was an older version, my bad.] Ron requested that the section content provides from the last face-to-face working sessions, review those sections and be prepared to discuss further at the next conf call. Ron indicated that completing the SRS and the Requirements Database were what he perceived to be the top priority near term needs for the group.

PAP2 Coordination – A draft workplan and schedule has been prepared and was presented to the PAP2 group 2 weeks ago, that addresses completing a NISTIR 7761 v2.0 and the extended work effort of a Model Area Wireless standards /technology /spectrum assessment. One key input to that effort is having the Requirements Database function to with the capability to correctly:

- select specific deployments communication paths' payloads;
- scale the payloads to the intended deployment;
- factor in all the variable inputs and specific range-values selections;
- filter to the specific use-cases' payloads and data flow or interface;
- aggregating and extracting that data for input into the PAP2 traffic modeling

work

It was also noted that the PAP2 calculation models are currently expected to be needing the following inputs from the requirements side of the group e.g.:

- traffic data arrival rates
- total volumes of data at the periphery of the model area e.g. MB per sq mi or km
- minimum payload latency requirements

Action Item:

- Ron will share out to SG Network TF that work plan as that is a key coordination point between our separate efforts.

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

I. 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.
- SRS section 3 editors/reviewers – Need to continue to provide content.
- Actor Normalization - 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. Consider collaborating with Doug Houseman.

II. Requirements Table - Release 5.1? potential use cases and needs

- A. move parent data flow ref pseudo code bracket imbalance capability into spreadsheet macro code (Cheong)
- B. add checking to see that all of the parent's data flows mentioned in the “pseudo code” are included in the child requirement rows (Cheong)
- C. Distributed DA Maint, DSDR, (Ron) Volt / Var control use case rqmts
- D. (Matt) Security payload overhead - addtl volumetrics (?)
- E. Security Key Exchange add payload rqmts
- F. PHEV and PrePay - add follow the money payload rqmts
- G. 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 19Sep2011 4-5pm eastern – normal SG Network TF weekly call

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**

Access Code: **738-908-066**