

SG-Network TF Conf Call Notes - DRAFT

Date/Time: 11Jun2012, 4pm eastern

Participants:

Matt Gillmore (chair)	Klaus Bender
Ron Cunningham (vice-chair)	Rich Tolway
Bill Godwin	Scott Sternfeld
Doug Gray	Tim Godfrey
Jerry Armes	

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]

OpenSG Face2face Cincinnati – SG Communications WG Tentative Agenda –
 Matt lead the group through developing the following tentative agenda:

Day / Time	Title	Topic(s)	Host
Monday			
1-2:30pm	OpenSG	OpenSG Overview	Chris Knudson
2-5pm	SG-Communications	Boot Camp	Matt G
Tuesday			
10:30-12pm	SG-Communications	WG Activity Overview	Matt G
1-3pm	SG-Network	SRS working activity	Matt G
3:30-5pm	SG-Network / SG Simulations (?)	See action item below	Matt G / Craig R
Wednesday			
8-10am	SG-Network	SRS working activity	Matt G
10:30-12pm	SG-Network	Requirements work session	Ron C / Matt G
1-3pm	SG-Network	SG-Networks todo's for PAP2	Matt G / Ron C
3:30-5pm	OpenFAN	Re-visit scope, purpose, etc	Tim G
Thursday			
8-10am	SG-Network	SG-Comm's misc., see action item below	Matt G
10:30-12pm	SG-Network / PAP02	SGIP PAP02 joint session with SG Networks, will use SG Networks call info	PAP02 / SG-Network

Action Items:

- ⤴ Matt to discuss SG-Network / SG-Simulations joint session need with Craig Rodine
- ⤴ Ron to discuss need for potential SG-Networks /EIM TF joint session need with Jim Horstman

PAP02 Activities Update – Doug and Ron provided status of the PAP02 and SDO sub-team activities to-date. Discussed:

- NISTIR 7761 r2 section 6 “Factor to Consider” content revision/addition is currently the editing focus by the SDO sub-team. Section 6 topics includes:
 - Coverage, Capacity, Latency Tradeoffs
 - Advanced Antenna Systems & Spectrum Issues
 - MultiHop / Multi-Link /Mesh
 - Smart Grid Deployment Modeling Framework & Tool
 - Interoperating & Networking with other Wireless Solutions
 - Satellite
 - 802.15/11
 - 802.15.4g
 - Assessment of Modeling Tool Run Results
 - Evaluate and Assessment of Multi-Dwelling Units Meters in Basements or High Rise to apartment HAN devices
 - Common Wireless Technology Characterizations and Business Drivers
- Workplan/schedule is being updated for status and remaining work tasks. A lot of the NISTIR 7761 r2 draft content is planned to available for internal PAP02 review by the July SGIP face2face PAP02 work session. The updated workplan/schedule will be shared with SG-Communications also.
- SDO Sub-Team and PAP02 Conf Calls – The SDO Sub-Team working session conference calls have been merged back with the SDO conference calls with the PAP02 conf calls going to a weekly schedule and 1.5 hrs duration.
- Model-Area Wireless Assessment Tool – work continues on finalizing the tool both for SG Network Requirements inputs, SDO standards representative technology parameters input, vetting the modeling engine, and structuring the outputs.
- Baseload “Blue Sky” and high-water-mark Traffic Volume Payloads – The initial draft of separating the baseload payloads from all the payloads (aka. High water mark, worst case comm network loading) was introduced to the group. The plan is to run the wireless modeling tool once with the baseload payload requirements and then for the high-water-mark payload requirements as part of the wireless standards representative technologies, spectrum bands, across the model-area density categories. Ron noted that during the preparation of this material, it was found that 11 requirement rows in the Premise Network Admin use case had errors in the payload name/type coding that will be fixed in the next release of the Requirements. This additional coding of the payloads (potentially using the classification identified by Doug Houseman), should be considered for inclusion into the payloads table.

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 18Jun2012 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.**

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