SG-Network TF Conf Call Notes - DRAFT

Date/Time: 23Sep10, 2-3pm EDT
Participants:

Ron Cunningham (vice-chair)	John Buffington
Andy Bordine	Juan Oliver
Bill Godwin	Kelly Flowers
Cheong Siew	Kuor Hsin Chang
David Gosch	Mark Van Wyhe
George Cosio	Mike Corbett
Gwen Durrill	Vincent Bemmel
Jerry Armes	

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

Agenda Items / Major Discussions:

SGIP - St. Louis face-to-face meeting – Ron summarized a few points that Matt captured from the meetings (see below). Matt will prepare and make available a more detailed version.

- <u>NARUC</u> – anticipated review and use of deliverables coming out of PAP 1 and PAP 2 and OpenSG_SG Network TF
- <u>PAP 15</u> – expects to use SG Network smart grid requirements in addressing PLC
- <u>PAP 2</u> – plan to finish work by end of 2010, slimming down the original intent of running the wireless model for all wireless standards/technologies in the smart grid to just 1 or 2, with guidance of how to, so that the reader can be run the model for those not included; also SGIP's CSWG requested inclusion of security payloads and associated overhead be included in the network requirements
- <u>PAP 1</u> – working to finalize it's efforts and confirmed not taking on: the C12.22 item that was introduced at the Detroit joint OpenSG/PAP 1 meeting or the network management system detailed requirements topic.
- <u>SGIP</u> – preferred the SG Network TF's reference diagrams versus other reference diagrams e.g. they are technology agnostic and include alternative deployment approaches

weekly conf call schedule – Ron relayed that Matt is considering moving the weekly conf calls to avoid some recurring conflicts he is having with the Thursday 2pm eastern time. A query to the participants will be sent out polling for a better time block.

Database Next Steps – David Gosch and Jerry Armes summarized some of the progress todate:

- <u>program management</u> – Juan and David have drafted the initial scrum artifacts (located in the SG Network Database-wip folder) for management of the remaining development work for the Requirements Data base and User Interface to that database
- <u>user (and project) profile & variable/scaling parameters</u> – initial designs and prototypes were shown and discussed

<u>It was agreed to:</u>

- post database with these current draft design concepts to the Database-wip folder

SRS – Section 3 – Payload Groupings and Content – Ron walked through the updated spreadsheet posted earlier this week that summaries the parent payloads by use case and includes drafts of the use case scenarios (payload groups). Of the section 3 content authors/editors, most were caught up in normal company work resulting in little time to work the SRS. All were reminded that the target is to have the SRS to a state that it can be vetted during the November face-to-face meeting.

Payload C–I–A Risk Level Inconsistencies – Ron walked the participants through the current reduced set of payload C-I-A risk level inconsistencies and the recommended resolution of those.

It was agreed to:
- change the payload name for "circuit_device_status_resp-data" to qualify it for those payloads that were initiated by the feeder line device versus the payload as a dirent response to another actors request for the circuit device status
- change the risk levels for both "FeederVR_new_config_ack" and "FeederVR_new_config_cmd" to be consistent with the other feeder line device new config request and acknowledge payloads as no one could justify why the feeder voltage regulator required a different set of risk values.
- Ron will revise the payload C-I-A pivot table and send out to bothe SG Network and the OpenSG Security sub team.

network centric view – ran out of time to discuss. It will be moved up in priority for discussion in next week's conference call.

Note: checkout the ToDos for other updates that were mentioned in the conference call or provided to Matt or Ron.

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.
   - core SRS editors/reviewers (Matt Gillmore, George Cosio, Klaus Bender, John Buffington, Ron Cunningham, Kelly Flowers, Vincent Bemmel) – Matt will update the Meter Reading example template based on the needed content changes based on the Requirements Table summarized spreadsheet and use case scenarios assessment, and make that available to the group. Next draft for vetting is planned for 01-04Nov10 face-to-face meeting.
   - 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. Needing to restart this effort.
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 – release 4.1 vetting planned for 01-04Nov10 face-to-face meeting if not before.
- Release 4.0 errors – to be resolved in release 4.1
- Scan Previous use case requirements for consistent inclusion of error and other management payloads and prepare needed payload requirement sets (Mike Corbett) Additional payloads have been drafted for the Premise Network Admin use case. 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
    - Dispatch Distributed Storage (Ron Cunningham) add island messaging to customer and revise use case targeted 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 Bemmel) 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 Bemmel & Ron Cunningham) – add in the pricing payloads, targeted for release 5.0
- Configuration Mgmt (tbd) targeted for release tbd
- Security key exchange – need to add payload, request NIST to provide best practices, from that the "How Often" will be prepared, targeted for release tbd

3. **Requirements Payloads C-I-A and L-M-H Values –** Ron to post out the resolutions noted in the notes above..
4. **Functional/Volumetrics database (Jerry Armes, Klause Bender, Kelly Flowers, Matt Gillmore, David Gosch, Ron Cunningham) –** refer to the status noted above
5. **Analysis of 1800 MHz band for Smart Grid –** Don Strurek distributed 24Sep10, a call for some addition analysis to be added to the document for submittal to the OpenSG TC at the November face-to-face meeting.
6. **SG-Network Website Cleanup & Archiving –** Matt & Ron to perform some website content and folder cleanup to make it easier to locate and find content. This includes potential relocating the content from the SG Communications home page to the specific SG Network TF webpage.
7. **Deliverables Q/A Process and Format –** Implementation of Q&A process on hold pending completion of other higher priority tasks.

Next Working Session / Conf Call(s):
Thursday 30Sep10 2-3pm EDT
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.

Dial **714-551-0021**
Access Code: **738-908-066**
Audio PIN: Shown after joining the meeting

Meeting ID: 738-908-066