

SG-Network TF Conf Call Notes - DRAFT

Date/Time: 08Jul10, 2-3pm EDT, [Audio Only](#)

Participants:

Ron Cunningham (vice-chair)	Jerry Armes
Cheong Siew	Kelly Flowers
Dennis Brewer	Vincent Bemmell

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

Agenda Items / Major Discussions:

DA Use Case Comm-Path Scenarios Requirement Row Parsing: Ron indicated that David Gosch offered up some resources (pending company approval) to help develop the Excel parsing macro for removing a lot of the proposed manual copy / paste / edit process for the 92 DA payloads to account for additional comm-path scenarios.

Database Data Flow Ref Parsing Routine & Database: Ron provided a high level sequence of how the database parsed comm-path scenarios from the payload parents data flow ref pseudo code could be processed within the database to allow the user to view and select which comm-path scenario and which interfaces to be selected for reporting and extraction of requirement rows suitable for additional analysis and network traffic modeling. Dedicating some time at the face-to-face meeting was recommended.

Documents Comment/Feedback Template: Ron indicated that the r1.1 of the comments/feedback template had been created and posted to the SG-Network Interim Release 4 and work-in-progress folders. Matt still needs to send out the email to the various LISTSRV groups about it's availability and recommended use on SG-Network deliverables. Ron requested that the conf call participants proceed to use that updated template to capture and provide comments/feedback.

System Requirements Specification – It was noted that George Cosio had posted an update to the SRS r3.X document that included line numbers. All were requested to take note and use the comments/feedback template.

Pricing Use Case: Vincent & Ron continue to work out the general approach and level of details (what actors) to include into the pricing payload requirement sets. Rather than a discreet use case for Pricing, the approach that Ron & Vincent are taking is to add the payload requirements into the DR / DLC use case.

SMS Text & e-mail based messages to Customer – Ron indicated a need to add payloads for these types of messages to the customer in a couple of existing use cases, and queried the group on whether or not additional back-office actors were needed to document up the requirements.

It was agreed to:

not add additional actor(s) to ref diagram to account for the creation and transport of SMS text and/or e-mail messages to the customers.

NISTIR 7628 next release – Vincent indicated that there is an updated draft of the release of the [document](http://collaborate.nist.gov/twiki-sggrid/pub/SmartGrid/NISTIR7628v1July2010/draft-nistir-7628_whole_07-06-10.doc) “http://collaborate.nist.gov/twiki-sggrid/pub/SmartGrid/NISTIR7628v1July2010/draft-nistir-7628_whole_07-06-10.doc” and noted that it has increased in size to ~500 pages.

PAP 2 Draft of Guidelines for Use of Wireless in the Smart Grid – several were interested to know if SG-Network had provided PAP 2 with what was needed for compiling and 1st release draft of the guidelines. [Ron inquired as to what's needed and Nada Golmie provide link to current draft of the guideline and indicated a need to for a section that provides a high-level description of the requirements SG-Network has worked up and URLs to our document/latest revisions in section 3 of the draft [guidelines](http://collaborate.nist.gov/twiki-sggrid/pub/SmartGrid/PAP02Wireless/NIST_Priority_Action_Plan_2_r04.pdf) "http://collaborate.nist.gov/twiki-sggrid/pub/SmartGrid/PAP02Wireless/NIST_Priority_Action_Plan_2_r04.pdf". A quick scan also indicates that other portions of section 3 contains some stall information that SG-Network needs to update. Ron made a commitment to get at least the requested information to PAP 2 Tuesday 13Jul10.]

Detroit face-to-face Meeting Agenda – Ron summarized the time blocks that the posted agenda included for SG-Network:

Monday	3-5pm	SG Communications Boot Camp
Tuesday	10:30-noon	SG Communications
	1-3pm	SG Security / SG-Network
	3:30-5:30pm	SG-Network
	6-7:30pm	SG-Network
Wednesday	8-9:45am	SG-Network
	1-3pm	SG-Network
	3:30-5:30pm	SG-Network
Thursday	8-10am	SG Communications / PAP 1
	10:30-noon	SG Communications / PAP 1

The primary work tasks mentioned, included:

- SRS updating
- Security C / I / A vetting
- PAP 1 coordination
- Requirements Table reviews and additions (ref the ToDos section)
- Database Data Flow Ref parsing, comm-paths requirement rows selection; queries & reporting & extractions

Work items just need to be slotted into available time boxes.

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. **SG-Network contributions to PAP 2 Guidelines Draft** – Ron & Matt work with SG-Network team to provide as current as possible the information requested for section 3 by 13Jul10.
2. **gotomeeting Organizer Credentials** – Matt & Ron to work with support staff in applying new credentials to the routine weekly gotomeetings.

3. **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 Bemmell) – [Ron to schedule up 1 or 2, 1-2 hr sessions of this smaller group the week of 12-16Jul10. and also some dedicated time during the Detroit face-to-face meeting.](#)
 - Actor Normalization (Bill Godwin) - 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 [e.g. must the actor list in the SRS: match exactly what is in the ref diagram and the detailed requirements table? The Requirements Table may need these qualifiers, but must the SRS actor list be an exact match?; distinguish between an utility and REP or 3rd party CIS; use multiple qualifiers of actors e.g. switches, voltage sensors, reclosers, for variants of that actor and which domain that actor resides \(distribution versus transmission\) qualifiers.](#)
4. **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 – [Matt Gillmore to attempt to rebuild the table as it was edited during the 17Jun10 conf call and post to the website.](#)
 - Scan Previous use case requirements for consistent inclusion of error and other management payloads [especially those beyond the field DA devices and Smart Meters.](#)
 - 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.
 - Security C / I / A values (Vincent Bemmell) [A SG-Network & SG-Security joint session at the Detroit face-to-face meeting is scheduled Tuesday afternoon to help address this and associated coordination points.](#)
 - DA, divided into sub use cases:
 - Dispatch Distributed Storage (Ron Cunningham) [add island messaging to customer and revise use case for potentially a generic DER versus being focused just on Storage Batteries, targeted for release 4.1.](#)
 - DA Maint, DSDR, Volt / Var (Bill Godwin & Ron Cunningham) [other comm paths and distributed control for release 4.1. Ron worked out the general specs / needs for the Excel macro that would use the pattern of DMS to feeder line device additional child requirement rows that Juan Oliver \(whom David Gosch engaged\) to help code up this Excel macro. After vetting the macro on a few parent rows, the macro will be applied to generate the necessary 4.1 draft edits to the 92 DA payloads that matched the specific DMS to feeder line device pattern of child requirement rows.](#)
 - Outage Mgmt (Matt Gillmore) [add payloads for ultimate consuming actors of outage information targeted for release 4.1](#)
 - PHEV (Ron Cunningham & Vincent Bemmell) [add “follow the money” payloads and others as extracted from SAE, targeted for release tbd.](#)
 - PrePay (Ron Cunningham) [add “follow the money” & SMS text & email payloads](#)

- targeted for release 4.1
- Outage Mgmt (Matt Gillmore) add payloads for ultimate consuming actors of outage information targeted for release 5
- DR / DLC (Vincent Bommel & Ron Cunningham) – add in the pricing payloads, targeted for release 5
- Configuration Mgmt (tbd) targeted for release tbd
- 5. **Functional/Volumetrics database** – version 01July2010 of the database is currently available directly from Jerry Armes. Ron is awaiting response to a UCAiug & OpenSG HelpDesk Service Request concerning any policies or restrictions of uploading a zipped version of the db to the website.
- 6. **Data Flow Parsing Routine (Jerry Armes & Kelly Flowers)** – Jerry & Kelly will collaborate in preparing the parsing routines. Work session for further development being scheduled for Detroit face-to-face meeting.
- 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 15Jul10 2-3pm EDT

URL <https://www2.gotomeeting.com/join/964616387>

Use microphone and speakers (if using VoIP) - a USB microphone/headset is recommended.
Or, call in using your telephone.

Dial 914-339-0014

Access Code: 964-616-387

Audio PIN: Shown after joining the meeting

Meeting ID: 964-616-387