

## SG-Network TF Conf Call Notes - DRAFT

**Date/Time:** 01Jul10, 2-3pm EDT

**Participants:**

Matt Gillmore (chair)	John Buffington
Ron Cunningham (vice-chair)	John Lampe
Bill Godwin	Klaus Bender
David Gosch	Mark Van Wyhe
Dennis Brewer	Mark Corbett
Geoff Mulligan	Thomas Herbst
George Cosio	Vincent Bommel
Jerry Armes	

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:** Ron overviewed the proposed pattern for expanding the DA centralized use case payload requirement sets to include most of the comm-path scenarios in the reference diagram. Draft of doing this for the FDAMC-001 & FDAMC-004 requirement parents was presented. This will add 14 new requirement rows for each payload and would include 8 unique comm-path scenarios between DMS and a feeder line device. [\[note: applying this pattern to the 92 applicable DA payloads would add another 1288 requirement records\]](#).

Discussed:

- a) **process to continue expanding for the DA payload requirement sets e.g.** - 2 options were mentioned:
  - o manual copy/paste/redact of the pattern already started;
  - o use the pattern and create a spreadsheet macro/script to replicate, but factor in the existing documented payload appropriate attributes.
- b) **How the consumer is to use the embedded comm-path scenarios data in the requirements table** – Ron overviewed the requirement table content (once loaded into the requirements database), could be used to parse into the comm-path scenarios, then have the user select which comm-paths (deployment approach) to have the requirements filtered / reported / extracted for further analysis e.g. traffic modeling over specific interfaces or networks.

It was agreed to:

- o to continue to use the pattern via a manual copy / paste / redact process until someone volunteer to write the spreadsheet macro, vet it out and make available for use.

**Data Flow Ref Parsing Routine & Database:** Jerry showed current state of the parsing routine and how the database could handle the various formed based inquires and the comm-path data selection and extraction.

Discussed:

- a) additional work on the: data flow ref parsing and comm-path routines; form based quires / reports / data extraction
- b) necessary steps to make the database accessible on the SG-Network website

**System Requirements Specification** – George provided current status of restructuring and harmonizing the document. The TOC and general section structure is ~80% done. The heavy work remains to provide content for the missing TOC items. Matt expressed a target of having a draft ready for review at the face-to-face meeting 20-22Jul10.

Discussed:

- a) editors – if anyone has the time to work on this document beyond those listed in the To-Dos section below, please notify Matt, Ron or George.
- b) SRS working session – separate SRS editors sessions will be needed to help move this along. Matt to schedule at least the initial work session.

**Documents Comment/Feedback Template:** Matt worked the participants though gaining consensus on the comment/feedback form that Ron had updated (in an attempt to capture the previous edits Matt made but were lost) and posted to the website.

It was agreed to:

- o Ron would apply a few other edits to the template and Matt would send out notification to OpenSG SG-Network, OpenSG Security, and PAP 2 email lists.

**Pricing Use Case:** Vincent overviewed the payloads of interest and unless further changes were needed would proceed with preparing the draft of the payload requirement sets.

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

## To-Do's

1. **gotomeeting Organizer Credentials** – Matt Gillmore to work with support staff in resolving and applying new credentials to the conf call gotomeetings so at least the vice-chair can also start the gotomeetings.
2. **System Requirements Specifications** – normalize to other OpenSG SRS documents in style, target audience, and adding new use case content:
  - o Comment/feedback template Ron Cunningham applied additional edits and Matt will send notification out for several groups to start using the template.
  - o core SRS editors/reviewers (Matt Gillmore, George Cosio, Klaus Bender, John Buffington, Ron Cunningham, Kelly Flowers, Vincent Bommel)
  - o Actor Normalization (Bill Godwin) sub-group to provide recommendations with primary focus on distribution actors with intent of establishing or reusing a good categorization only decompose a category as needed to clarify documentation of use case business functional and volumetric requirements.
3. **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).
  - o 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.
  - o Scan Previous use case requirements for consistent inclusion of error and other management payloads especially those beyond the field DA devices and Smart Meters.
  - o 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 Bommel) Ron prepared a comparison between the SG-Network initial draft of C / I / A values and what OpenSG Security subgroup proposed values based on Requirements Table 3.0 draft2, along with several observations of apparent differences between reviewers and requirements content preparers. A work session with representation from SG-Network and the OpenSG Security sub-group helped establish some agreed to interpretations of documenting the C / I / A values for the already released work and future release. Ron will post summary of these conversations to the SG-Network work-in-progress folder.
  - 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 5. Cheong Siew will provide Ron with some information from IEEE P1547.4 that might help in this effort.
    - DA Maint, DSDR, Volt / Var (Bill Godwin & Ron Cunningham) other comm paths and distributed control for release 5. Ron has worked out the parent Data Flow Ref and has a draft pattern of payload requirement sets for subsequent copy /paste /small edits for the other field DA payloads.
  - Outage Mgmt (Matt Gillmore) add payloads for ultimate consuming actors of outage information targeted for release 5
  - PHEV (Ron Cunningham & Vincent Bommel) add “follow the money” payloads and others as extracted from SAE, targeted for release tbd.
  - PrePay (Ron Cunningham) add “follow the money” payloads targeted for release 5
  - Outage Mgmt (Matt Gillmore) add payloads for ultimate consuming actors of outage information targeted for release 5
  - Price (RTP / TOU) (Vincent Bommel & Ron Cunningham) targeted for release 5
  - Configuration Mgmt (tbd) targeted for release tbd
4. **Functional/Volumetrics database** – version 3 of the database was prepared and loaded with release 3.0 requirements, but is only currently available directly from Jerry Armes
  5. **Data Flow Parsing Routine (Jerry Armes & Kelly Flowers)** – Jerry & Kelley will collaborate in preparing the parsing routines.
  6. **Deliverables Q/A Process and Format** - Daniele Loffreda will continue to work with Matt Gillmore and Ron Cunningham on gathering up the Qs & As and setting up the website to handle FAQs and Q/A process and content.

#### **Next Working Session / Conf Call(s):**

Thursday 08Jul10 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