

## SG-Net TF Conf Call Notes - DRAFT

**Date/Time:** 12Feb10, 4-5pm EST

**Participants:**

Matt Gillmore (Chair)  
Ann Lardner Pogue  
Bill Godwin  
Bill Leslie  
Claudio Lema (sp)  
David Cypher  
Dennis Brewer  
Howard Choe

Jerry Armes  
John Lilley  
Lester Eastwood  
Michael Northern  
Nada Golmie  
Rick Tolway  
Ron Cunningham  
Vincent Bemmell

**Agenda Items / Major Discussions:**

**SG-Net PAP 1 & 2 Deliverable(s) Format** – Matt Gillmore overviewed: the table-of-content including content that was drafted in the 02-04Feb10 face-to-face meetings; draft of inclusion of functional & volumetric business requirements directly into a portrait text document; deliverable content gaps; and made a call for volunteers to create additional draft content or edits of what currently exists. Matt indicated he would post his working draft to the SG-Net (old AMI-Net) TF website folder.

Discussed what format (portrait, landscape, hybrid, illustrative image (but not readable reduced graphic object of page of the spreadsheet and associated diagram) with text describing the functional & volumetrics table development and interpretation, including reference to attached spreadsheet file and diagram pdfs versus formatting all content into the text document directly with/without attached separate tables and diagram(s). Also discussed forming the functional & volumetrics spreadsheet with actor header rows versus an actor column formats. It was agreed to:

- the 1<sup>st</sup> release would include the functional & volumetric business requirements for the use cases: Meter Reading; Service Switch; Pre-Pay; and PHEV
- the native spreadsheet & pdf of diagram(s) files included in deliverables regardless of final format of the text documentation
- the native spreadsheet of the functional & volumetrics would continue to retain the actors column to aid in the user performing their own row sorts and filtering by column cell content.
- consider reuse of other existing OpenSG and/or IEEE documentation formats
- if functional & volumetrics table is to be included directly into the text document, make the table(s) landscape mode for readability
- consider option to use an illustrative single page example of the table with text describing the content interpretation and refer reader to the attached spreadsheet
- assignments/volunteers were identified for further content development (see To-Dos section)

**Functional/Volumetric Requirements Mapping to NISTIR table 3.3 Security Needs**

– Vincent Bemmell discussed the need to map the NISTIR security “Table 3.3 Power System Reliability Impact Levels” to the functional & volumetric business requirements as was agreed in the 03Feb10 face-to-face meeting. This will result in replacing the current single security column into three columns.

Discussed whether the mapping should be performed at the interface points e.g. communication paths or for each specific payload. It was agreed to:

- perform this mapping at the payload level in the table

**Functional/Volumetric Requirements – Vetting of Content** – Ron Cunningham explained the rationale for preparing the overview of the process and details behind documenting: the various comm path options between any given source and destination actor pair; how the volumetrics will differ for the same payload depending upon which dataflow is being specified; how quantities of payload change as the one traverses from one end of a dataflow to the other, especially on those that cross multiple domains, actors, networks; the need to make sure the volumetric content was consistent from an engineering perspective; where the payload size types generally are found; the volume of functional & volumetric documentation requirements for any given use case.

### To-Do's

1. **SG-Net Diagram content** – all to review and especially the utilities, provide data/message flow and network connection updates to best represent a consolidated view across the utilities. [A few additional edits have been provided.](#)
2. **SG-Net Diagram actors data/message flows** – [Ron Cunningham will work up a version that adds the “enterprise service bus / integration” actor, but version may not be available for inclusion in the 19Feb10 release.](#)
3. **Functional/Volumetrics database** – Jerry Armes prepared the 2<sup>nd</sup> draft.
4. **NISTIR Actors, Data/Message Flows** – SG-Net to provide feedback to NIST concerning revising the NISTIR actors, data/message flows to better match utility SG architectures/designs and deployments.
5. **PAP 1 & 2 Deliverable(s) file format & content assignments:**
  - a **actor descriptions** - Bill Godwin to prepare draft of actor descriptions
  - b **NMS** – Paul Duffy to prepare a draft definition and functions specific to the expanded scope of NMS.
  - c **Functional & volumetrics table** Bill Leslie (assisted by Michael Northern) reformat spreadsheet version into a landscape text table format
  - d **Definitions** – Matt Gillmore, Michael Northern, Ron Cunningham to draft content for the remaining missing definitions
  - e **Acronyms** – Michael Northern to clean up and validate the list
  - f **Revision History** – Michael Northern will reuse format used by OpenHAN
  - g **Authors** – Matt Gillmore to draft
  - h **Preface** – Matt Gillmore to draft
  - i **Security Reliability Impacts** – Vincent Bommel will work in the initial mapping
  - j **Payload volumetrics vetting** – Ron Cunningham will prepare a 1<sup>st</sup> pass at flagging those volumetric values that appear to not fit within a given payloads ultimate source and consumer(s) actor dataflow lineage e.g. from the parent down through the sub-dataflows and make that available by Tuesday morning 16Feb10
6. **02-04Feb10 Face-to-Face Notes** – need to prepare and post session(s) notes.

**Next Working Session / Conf Call(s):** 16Feb10,11-12am EST, 19Feb10, 4-5pm EST