

SG-Network TF Conf Call Notes - DRAFT

Date/Time: 29Apr10, 2-3pm EST, Audio ONLY

Participants:

Matt Gillmore (chair)	John Buffington
David Cypher	Paul Duffy
David Pilon	Ron Cunningham
Dennis Brewer	Vincent Bommel
Jerry Armes	

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

Agenda Items / Major Discussions:

Face-to-face Agenda – Matt Gillmore lead the group through firming up the SG-Network TF work sessions 04-06May10. The agenda as of the end of the conference call was:

Monday afternoon - Boot Camp

Tuesday

AM2 - session

Intro -

Data Base design, structure, demo

Break into teams (depends upon who is available)

a) Vet Pre-Pay

b) Meter Events

c) DA use case development

DSDR

Fault clear, isolation, reconfig

Dispatched energy resources

d) Outage mgmt

Wednesday

Interim Release 3 potentials, continue development

Include Pre-Pay

Meter Events

Power Quality

Outage Mgmt

Tamper

DA for VR, CBC, Switch, Sensors

Things to come

Firmware updates

FCAPS

DSM

DR

FAQ Daniele Loffreda (MDT time zone) to call in for an hour

Thursday

AM1: section 6 for the pap 2 deliverable

AM2: SG-Network on work to date

CIA assignments

Architechure review

Interim release 3

AM3: Q&A and wrap-up

Functional/Volumetric Requirements:

Meter Events Use Case – David Pilon provided status of current documentation effort. David requested some additional guidance on documenting the requirements per the published instructions.

PrePay Use Case – Ron Cunningham provided status of rework of the requirements draft r0.3 document. Four payloads yet to be documented.

PAP 15 use case Requirement Needs – Vincent Bommel summarized the scan for use cases and from a couple sources. He will post those materials on the SG-Network website.

It was agreed to:

- David Pilon will provide Ron Cunningham with current documentation for a review and feedback on normalizing the requirement documentation to the instructions for Release 3.0

NIST PAP 2 Guidelines Draft – Matt Gillmore reviewed with the group, the content that SG-Network agreed to provide to PAP 2 for inclusion into the guidelines document. One of those items is an actors list. The due date for this material is June.

Requirements Database – Jerry Armes over-viewed the current state and some of the early query reports possible. One of those was an actors report that could be used to feed into the PAP 2 Guidelines deliverable.

Requirements Database – Ron Cunningham described some of the recent changes to the reference diagram and a separate set of diagrams that illustrate several parent source-consumer actor pairings communication path scenarios (options). Those diagrams will be posted to the website and will be discussed in the face-to-face meeting as the current interpretation of the requirements table content impacts the data that is feed into the wireless model.

Note: checkout the Todos for other updates that were mentioned in the conference call.

To-Do's

1. **SG-Net Diagram content** – a) [feedback is needed on whether or not to include the actor "Enterprise Bus / Integration Layer" actor;](#)
2. **Functional/Volumetrics database** – [the face-to-face will have a session focused on working out the details on the database requirements, schema design, data load, user interface and any pre-built queries, and build.](#)
3. **NISTIR 7628 Actors, Data/Message Flows, LICs, C/I/As** – SG-Net to provide feedback to NIST concerning revising the NISTIR actors, data/message flows, LICs, C/I/As to better match utility SG architectures/designs and deployments and payload details. [SG-Network participants are asked to provide any feedback \(not general statements, but specific content changes\) back to at least Matt Gillmore so a federated response from SG-Network can be prepared and sent back to NISTIR 7628 by the](#)

extended due date 01Jun10.

4. **PAP 1 & 2 Deliverable(s) Release 2 Revisions** – Matt Gillmore to scan the Meter Read, Service Switch, and PHEV use cases for consistent inclusion of error and other management payloads.
5. **PAP 1 & 2 Deliverable(s) Release 3 potential use cases** – the next priority set of use cases requirements draft potentials:
 - a 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.
 - b DA, divided into sub use cases: Bill Godwin, Bill Cloutier, Ron Cunningham
 1. Volt VAR control (Bill Godwin to create 1st draft)
 2. line/segment isolation on fault
 3. Distribution level DER
 - c Meter Events – David Pilon
 - d Outage Events – Michael Northern
 - e PrePay – Ron Cunningham – [will have full draft ready by 03May10](#)
6. **02-04Feb10 Face-to-Face Notes** – need to prepare and post session(s) notes.
7. **PAP 2 “Guidelines for Wireless Use in the Smart Grid” TOC** – [all are to review the draft TOC and provide Matt Gillmore with feedback to be forwarded to PAP 2 for consideration for inclusion.](#)
8. **Deliverables Q/A Process and Format** - [Daniele Loffreda will continue to work with those who receive and respond to the questions, to finalize the process/form and work with the website administrators to make effective use of what's available. A portion of the face-to-face sessions will address the current state of this effort.](#)
9. **Requirements Style Guidelines / Template** – Matt Gillmore to prepare his thoughts on what this looks like and how the future database would address some of this. [Rev 1.0 of the Requirements Documentation Instructions were distributed. Feedback on use of the instructions for preparing requirement documentation is still requested.](#)
10. **Meter Events** – [David Pilon continues to work on documenting the requirements.](#)
11. **Modeling for protocols above layer 2** – [David Cypher distributed a spread sheet from another body of work that dealt with applications, intervening layers \(choices\) and a particular wireless technology.](#)
12. **PAP 15 use case Requirement Needs** – [Vincent Bommel will post some use case materials on the SG-Network website.](#)

Next Working Session / Conf Call(s):

Face-toFace 04-06May10, McLean, VA

Thursday 13May10 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