SG-Network TF Conf Call Notes - DRAFT

Date/Time: 25Oct10, 2-3pm EDT
Participants:

Matt Gillmore (chair)	John Geiger
Ron Cunningham (vice-chair)	John Lampe
Andy Bordine	Geoff Mulligan - audio
David Cypher	Juan Oliver
Shrinath Eswarahally - audio	Kelly Flowers
David Gosch	Kuor Hsin Chang
George Cosio	Mark Van Wyhe
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:

Gas & Water Meter Payloads – Ron and Matt walked the participants through an effort to specify which use cases and payloads also applied to gas and water meters, realizing that the volumetrics would be different from those already documented for the electric meters. The "meter-splits" tab in the "SG Network System Requirements Specification v4.1-draft4.xls" spreadsheet was updated to note which payloads to apply to the gas and water meters. Ron will post that updated file to the SG Network Rqmts-Table-wip folder.

It was agreed to:

* The use of the Smart Meter actor in the Requirements Table will be phased out as the use of the 2-Way Meter – Electric or Gas or Water allows for the necessary qualification of volumetric requirements specific to each of those meters.

PAP 2 draft 6 Guidelines proposed Edits – Ron summarized a few edits that were prepared to clarify how the Requirements Table and reference diagram are to be interpreted and consumed. The proposed changes were primarily in section 3.6. PAP 2 has review and feedback on draft 6 closes 30Oct2010. If others have input that would considered in the edits proposed from SG Network, please forward those to Ron to later than Wednesday 27Oct2010 so that they can be reviewed and consolidated for submission by the end of this week.

Face-to-Face Agenda – Matt facilitated creation of a proposed agenda for SG Network TF at the 01-04Nov2010 face-to-face meeting e.g.:

Monday
      1-2:30pm   OpenSG Boot Camp
      3-5 pm   SG Communications Boot Camp
Tuesday
      10:30–12   SG Communications – ~30 min SG Network agenda tweaks
      1-3pm   joint with SG Security
      3:30 – 5:30 start additional vet work on release 4.1 candidate
Wednesday
      8-10am   database – release planning, payload ties to interfaces/dataflows,

> user feedback
> 10:30–12   spectrum analysis
> 1-3pm   SRS & payload attribute data
> 3:30–5:30pm requirements & SRS
> 6:30 – 8pm   tbd
>
> Thursday
> 8-10am   joint with PAP 2
> 10:30-12   joint with PAP 2

<u>It was agreed to:</u>
- Matt, Ron, Vincent to sync up with Darren Highfill on the joint session agenda with OpenSG Security

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 after performing some additional vetting of the process and template to a few testers.
   - 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. **Matt requested that any edits to section 3 content be provided to Matt for inclusion into a version for review prior and uring the 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. Andy to work with Ron on the objectives and deliverables of 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
  - ▪ 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. **Functional/Volumetrics database (Jerry Armes, Klaus Bender, Kelly Flowers, Matt Gillmore, David Gosch, Ron Cunningham) –** working on comm-path and multi-actor parsing routine, network traffic hourly view, comm-path election, user profile and variable/scaling parameter presentment.
4. **Analysis of 1800 MHz band for Smart Grid –** Need to schedule up a focus group working session to further link the utility business requirements and deployment topologies issues to a specific amount of xMHz spectrum from available spectrum bands.
5. **PAP 2 draft 6 feedback –** feedback, proposed content and edits due to PAP 2 30Oct2010.
6. **SG-Network Website Cleanup & Archiving –** Matt , Ron, Don 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):
Monday 15Nov2010 2-3pm EST
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. **Mute phone when not in the conversation**.

Dial **714-551-0021**
Access Code: **738-908-066**