SG-Network TF Conf Call Notes - DRAFT

Date/Time: 05Aug10, 2-3pm EDT
Participants:

Matt Gillmore (chair)	Gary Stuebing
Ron Cunningham (vice-chair)	Gwen Durrill
Andy Bordine	Howard Choe
Daniele Loffreda	Jerry Armes
David Cypher	Jorjeta Jetcheva
David Gosch	Mike Corbett

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

Agenda Items / Major Discussions:
SRS – Revised Section 3 Template – Kelly Flowers had taken the draft section 3 template that was drafted at the face-to-face meetings and adjusted the SRS master with a consistent set of headers and text formatting, and applied that across the document as well as starting to apply the section 3 template across the other section 3 use cases. Matt walked the conference call participants through the current state of the SRS.
Discussed:
- section 3 – interpretation of the reliability numbers of the payloads and the total implied round trip reliability. If the business requirements that the requirements authors used were based on a round trip (request-response) metric, then we need to make sure that the total reliability values we enter are reflective of that versus those business reliability requirements being placed on the separate request and response payloads.
- SRS tracking of documentation progress – the idea of using the TOC to feed into a document section tracking of whom is performing the content creating/editing and status was raised.

DA centralized DMS ↔ feeder line device Use Case Requirements – Payload Clarification:
Discussed: Clarification received from Bill Godwin concerning "---status_change_alert" and "---d eviation_alert" payloads. Bill indicated that the 2 payloads are in fact two separate and distinct payloads. The "---status_change_alert" payload is where the feeder line device detects a change in it's operating state e.g. a self initiated operate or health/config of the device. The "---deviation_alert" payload is when the feeder line device detects a measured value has gone out of the tolerance band for that measurement e.g. a phase voltage reading is above the nominal operating range.

It was agreed to:
- retain the two sseparate types of payloads and make sure that the SRS clearly documents the definitions and distinctions between the two payload types

PAP 2 Draft of Guidelines for Use of Wireless in the Smart Grid – David Cypher discussed the current status of the draft 5 of the document and the content that still is needed e.g. section 6 (e.g. field test results for specific wireless standards). Inputs for

draft 6 are due to PAP 2 by 15Sep10. Matt made note of the ability of the mathematical model discussion and early modeling results in section 5 appearing to be reasonably close to real world observations. Ron also indicated that he is working up some edits to section 3 and including some content that Bill Godwin provided.

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.
   ○ core SRS editors/reviewers (Matt Gillmore, George Cosio, Klaus Bender, John Buffington, Ron Cunningham, Kelly Flowers, Vincent Bemmel) – Kelly Flowers updated the master to that new section 3 template.
   ○ 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. Ron to follow-up with Bill on status.

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 – planning for a 18Aug10 posting for release 4.1 or possibly 5.0 (inclusion of new use cases)
   ○ Scan Previous use case requirements for consistent inclusion of error and other management payloads especially those beyond the field DA devices and Smart Meters. [post the call, Mike Corbett agreed to work on this]
   ○ 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
      ▪ 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 – 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

3. **Requirements Payloads C-I-A and L-M-H Values –** Need to resolve a few payloads where different C – I – A values were assigned for different actor-to-actor pairings. Refer to file "SG-Net_Rqmts-Table_v4.0_Payloads-Parents-CIA.xls" in the SG Network work-in-progress folder.
4. **Functional/Volumetrics database –** A survey to the potential users of the database needs be sent out to help provide guidance as to the top priority development tasks. David Gosch provided a template and approach that could be used to help mange the additional database development tasks.
5. **PAP 1 SG Communications' Tasks (fron Don Sturek's email)**
   - provide feedback on the list of gaps found in HAN for IETF requested work
   - provide a specific list of security gaps in HAN (e.g. probably a subset from 1st bullet)
   - provide feedback and comment on Fred Baker's Internet Draft on Smart Grid RFCs e.g. what's missing. Fred will add routing standards to the document.
6. **SG-Network Website Cleanup & Archiving –** Matt & Ron to perform some website content and folder cleanup to make it easier to locate and find content.
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 12Aug10 2-3pm EDT
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.

Dial **714-551-0021**
Access Code: **738-908-066**
Audio PIN: Shown after joining the meeting

Meeting ID: 738-908-066