

## SG-Network TF Conf Call Notes - DRAFT

**Date/Time:** 08Aug2011, 4pm eastern

**Participants:**

Matt Gillmore (chair)	Don Sturek
Ron Cunningham (vice-chair)	Doug Gray
Bruce Kraemer	Klaus Bender
Cheong Siew	Mark Thompson
David Gosch	Tim Godfrey

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

### Agenda Items / Major Discussions:

#### Rqmts Table v5.0 final editing prior to release:

- ▲ **draft1g post face-to-face edits** – Ron summarized the changes in this version to the previous draft1f e.g. Actor naming consistency changes that were made e.g. “Feeder CBC” to “Feeder CapBank and “Feeder VR” to “Feeder Regulator”. This change also impacted entries in the From, To Actors, Requirements, and Payload Name columns; updated the additional tabs for the payload names and pivot table data refresh. It was agreed:
  - accept the Actor name changes for Feeder CBC and Feeder VR and as reflected in the associated requirement rows
- ▲ **draft1g “How Often” column content rework** – Ron indicated that a cleanup of the “How Often” content was performed as reflected in the “new How Often” column, with an additional tab “HowOften-abbrev-xref” included that needs to be brought into the Requirements Database aid in understanding the abbreviations used in the How Often column. Discussed:
  - what impacts the revamped “How Often” content would have on the Requirements Database parsing of that field.

#### Action Items:

- Requirements Table “How Often” parsing code would need to be changed to accurately pick up the 3 separate components with the parsing character in that field, along with use of the “HowOften-abbrev-xref” tab contents to link back to the “Profile” Table.
- Ron – will include the “HowOften-abbrev-xref” tab contents in the Requirements Documentation Instructions and SRS documents
- The v5.0 (with editing flags) spreadsheet version will include the old “How Often” column but labeled “old How Often” and the “new How Often” will be relabeled as “How Often”. The clean version (version editing flags removed), will not carry the “old How Often” column.
- ▲ **payload attributes-LIC-C-I-A, rationale edits** – the updated “Payload-LIC-CIA-template-r0 6l.xls” file edits: payload descriptions, LICs, and C-I-A items needing final vetting based on previous unresolved cell comments and Sandy Bacik feedback on the new ly added payloads, were reviewed with the group for final vetting.

#### It was agreed:

- for batt\_pwr\_notification payload, that is currently only used in Outage

Restoration Management use case, and rather than add the same payload for other devices that have backup battery power capabilities e.g. Feeder devices and FAN Gateways, that the current state change payloads will have text added in the C-I-A rationale portion of that payload.

- For the CIAs that Sandy flagged as potentials for a high availability, the SG Network will not change those values, and will include text in the rationale to clarify that the calling application would typically also include a follow-up inquiry back to those devices that did not acknowledge the processing of the requested update of firmware or program updates.
- For the recommended LIC changes, those will be applied
- ▲ **Reference Diagram to Requirements Table** – David Gosch indicated that an f1rst draft of the macro is in vetting process prior to release. Ron indicated that they may need to be changes made in both the Reference Diagram and Requirements Table. Any proposed final vetting changes will be presented at the next conference call.

Action Item:

- David and Ron will do some side-bar discussions to vett the macro and then bring that to the group by the next meeting. [The spreadsheet function to also vet the From and To actors contained in the “Requirements” column G has been worked out. This vetting macro will be applied against draft1g and the finally vetting applied to both the Reference Diagram and the Requirements Table prior to release as v5.0]

**Payload mapping to CIM message – potential** – Ron asked the group about benefit of mapping the payloads to the CIM messages, as other mapping of payloads have been done within OpenSG. Some value was noted in doing this. Discussed:

- ▲ the mechanics of mapping the SG Network payloads against CIM object structures of type, messages, elements
- ▲ need to perform additional assessment of this effort, and would not be a part of v5.0 release of the Requirements Table

**Multi-Dwelling Units – Need for SDO input (?)** – Don summarized the question of whether or not the SG Network Requirements adequately document the network need of extending the external premise network to reach into especially multi-dwelling units and then the HAN network coverage for the HAN devices in separate dwelling units in that facility when dealing with meter clusters located in basements, or sub-metering at different floor levels in high rise buildings. Don indicated that he's talked with several utilities of similar concerns of how to adequately address this problem space. Do also stated that Nada Golmie (PAP2 lead) was ok with adding work item into the extended PAP2 effort to address the wireless aspects of this problem space.

Action Items:

- ▲ further discussions will be done in SG Network TF and separately PAP2 in the next few weeks.

**To-Do's** (description, lead person, [current update](#))

- I. **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.

- SRS section 3 editors/reviewers – Need to continue to provide content.
- Actor Normalization - 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. Consider collaborating with Doug Houseman.

II. **Requirements Table - Release 5.0 potential use cases** – the next priority set of use cases requirements draft potentials (see below for partial list).

A. “Reqmts-Combined” tab

i. proposed for release 5.0 aka draft1d

a) scan & remedy for QA/QC items – final editing in progress for v5.0 in August.

ii. proposed for a future release e.g. 5.1

a) Distributed DA Maint, DSDR, Volt / Var control use case reqmts

b) Security payload overhead - addtl volumetrics (?)

c) Security Key Exchange add payload reqmts

d) PHEV and PrePay - add follow the money payload reqmts

e) Configuration Mgmt - add use case(?) and payload reqmts

f) HAN (plus those for PLC technology consideration)

B. “Payload\_attrib\_LIC\_CIA\_rtnl” tab

i. for release 5.0 – update the payload tab and work template per the redactions mentioned earlier.

III. **Functional/Volumetrics database (Jerry Armes, Klaus Bender, Kelly Flowers, Matt Gillmore, David Gosch, Ron Cunningham)** – Need to factor in revising the parsing routines for the newly revised content and syntax of the “How Often” column.

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

**Monday 08Aug2011 4-5pm eastern** – normal SG Network TF weekly call

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