SG-Network TF Conf Call Notes - DRAFT

Date/Time: 13May10, 2-3pm EST
Participants:

Matt Gillmore (chair)	John Buffington
Ron Cunningham (vice-chair)	Kelly Flowers
Bill Godwin	Klaus Bender
Daniele Loffreda	Kuor Hsin Chang
David Gosch	Mack Mackenzie
David Pilon	Mike Corbett
Dennis Brewer	Roberto Aiello
Gwen Durrill	Vern Kwiatkowski
Jerry Armes	Vincent Bemmel

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

Agenda Items / Major Discussions:
   Functional/Volumetric Requirements:
   <u>**DA Use Cases**</u> – Bill Godwin overviewed changes to the current requirement table draft for Field DA Maint, DSDR, Volt / Var all from a centralized control perspective. Discussed: Draft values for the security LIC and C/I/A values and it was noted that what was entered for LIC were actually the NISTIR Interface labels and need to be changed to LIC values. Ron Cunningham introduced the Fault Clear – Isolate - Reconfig and Dispatch Distributed Storage use cases and the need to introduce some new "virtual" actors and a way to document the requirements without changing the diagram more actually creating new actors in the from and to actor columns in the table.
   <u>**Meter Events Use Case**</u> **–** Kelly Flowers and David Pilon provided status of current documentation effort. As discussed in the face-to-face meetings, the approach is to proceed with aggregating the detailed payloads into payload categories to simplify documentation preparation. The detailed requirements would be retained for reference purposes. The events related to ESI would be separated out from Meter Events.
   <u>**Outage Restoration Management Use Case**</u> **–** Matt Gilmore overviewed the current state of the requirements documentation and the need for another comm path alternative from the AMI Head End to OMS via MDMS.

   Requirements Database – Jerry Armes over-viewed the current state and the process and timing to load the database using the release 3 requirements table.

   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** – version 3 of the database will be prepared and made available in sync with the release 3 requirements table.
   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 3/4 potential use cases –** the next priority set of use cases requirements draft potentials (Release 3 planned 17May10, Release 4 07Jun10):

   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:
   1.   Volt VAR control (Bill Godwin) being prepared for inclusion in release 3
   2.   Field DA Maint (Bill Godwin) being prepared for inclusion in release 3
   3.   DSDR (Bill Godwin) being prepared for inclusion in release 3
   4.   Fault Clear, Isolate, Reconfig (Ron Cunningham) targeted for release 4
   5.   Dispatch Distributed Storage (Ron Cunningham) targeted for release 4

   c   Demand Response (Ron Cunningham) targeted for release 4

   d   Load Control (Vincent Bummel) targeted for release 4

   e   Meter Events (David Pilon & Kelly Flowers) possibly for release 3

   f   Outage Restoration Management (Matt Gilmore) being prepared for inclusion in release 3

   g   PrePay (Ron Cunningham) being prepared for inclusion in release 3

   h   Price (RTP / TOU) (Vincent Bemmel) targeted for release 4

   i   System / Firmware Updates (Matt Gillmore & Paul Duffy) targeted for release 4

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 Matt Gillmore and Ron Cunningham on gathering up the Qs & As and setting up the website to handle FAQs and Q/A process and content.

9. **Requirements Style Guidelines / Template** – Rev 1.1 draft of the Requirements Documentation Instructions were distributed. Ron Cunningham requested feedback so instructions can be finalized for release 3.

10. **PAP 15 use case Requirement Needs** – Vincent Bemmel will post some use case materials on the SG-Network website.

11. **Data Flow Sparsing Routine (Kelly Flowers)** – development a routine (macro) to sparse a requirement parent rows" data flow syntax into all the possible communication path scenarios for use in the requirements table documentation process and data analysis queries in the requirements database.

Next Working Session / Conf Call(s):
Thursday 20May10 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