

AMI-SEC Team Conference

Wednesday, September 03, 2008

Daren Highfill, Chair

Bobby Brown/EnerNex	Eric Robinson/Itron	Howard Lipson/SEI	Viola Lee/PGE
Catherine Martinez/DTE	Jay Hill/PG&E	Jeremy McDonald/SCE	Vishant Shah/EnerNex
Chris Kardos/Ecologic Analytics	Jay Houlden/BC Hydro	Matt Thompson/GE Energy	
Craig Rodine/Grid Net	John Lilley/SDG&E	Neil Greenfield/AEP	

Summary

Discussion topics included the AMI glossary, AMI-SEC's coverage into the HAN, the Roadmap document, AMI-SEC Slide Deck and Architectural Description update.

Documents

AMI-SEC Presentation Slides, Glossary v.3

Technical Discussion

Glossary

The chair opened with discussion of the AMI glossary. Recommendation was made to adopt the IEC AMI terms and augment where necessary.

Further discussion formed around determining which term to standardize on, "Energy Service Interface (ESI)" or "Gateway". Decision was made to use the term "utility premise gateway". This term puts gateway in proper context and is less ambiguous than ESI. The term "utility premise gateway" will also be added to the glossary.

Does AMI-SEC cover the Home Area Network (HAN)?

The chair stated that AMI-SEC is to provide normative guidance that reaches through the HAN interface, and that AMI-SEC may provide informative guidance for adjacent domains that may include non-utility owned HAN devices. Discussion continued, noting some utility senior managers have had concerns that HAN security was not being addressed in AMI-SEC. HAN security concerns are identified around the definition of HAN, particularly in terms of the utilities ability to command and control devices, and authenticate and provide integrity for data.

Roadmap

The Roadmap document is still in draft form. An action item has been created for members to review the current draft and provide review comments and changes by September 17th. Once reviews have been submitted, comment resolution will be performed in effort to get a vote on following teleconference, October 1st. The Roadmap will provide guidance on how to update charter and scope statements. The team would like to have the charter and scope changes ready for vote by the next face-to-face in Knoxville.

Slide Deck

The chair stated that UCAlug groups are looking for slide decks to share in presentations that help explain AMI-SEC activities. Slides will need to cover charter, scope and the overall roadmap in terms of deliverables, etc. Recommendation was made to include mission, vision and deliverables (MVD) to aid in understanding AMI-SEC.

Architectural Description v0.30 update

Bobby Brown presented the latest version of the Architectural Description. Sections 2.3 Logical View, 2.4 Deployment/Allocation View and 2.5 Data View have been dropped due to lack of information at this time. The sections will be revisited in version 2.0 of the document. Remaining items to complete in the AD are:

1. Complete security objectives for each Use Case
2. Complete sub-sections under Section 2. Decomposition View.
3. Complete section 4 Background, Design Constraints and Rationale
4. Appendix A – write paragraph of how 1. AD traces to SSR and 2. AD traces to RA.
5. Add some text in Appendix C

Remaining discussion involved tracability between views within the AD, and between the documents themselves (Risk Assessment, Architectural Description and Security Requirement Specification).

Action Items

- Neil Greenfield, Viola Lee and Members - to review glossary
- Add “utility premise gateway” to the glossary
- Members - please review current draft of the AMI Roadmap. Use actual document itself from the AMI-SEC SharePoint site. Enable track changes or review using comment bubbles. Please provide solutions or recommendations with comments. Revisions should be provided by September 17th prior to the next AMI-SEC teleconference – please submit to bobby@enernex.com.
- Darren Highfill – begin development of slide deck

Upcoming Meetings

The next teleconference for AMI-SEC is scheduled to be held September 17th from 1-2 PM EDT. The following teleconference will to be held October 1. UtilityAMI WG and UtiliSec WG face-to-face meetings will be held October 21st – 23rd. The next AMI-SEC face-to-face meeting is scheduled in conjunction with other UtilityAMI and UtiliSec meetings for Thursday, October 23rd at:

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