



AMI-SEC Task Force

September 3rd Teleconference

→ Glossary, Roadmap, and Deliverables



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Agenda

- Glossary
 - Assignments for review of existing glossary
 - Merging and updating with newly contributed material
 - Standardization on terms
- Roadmap
 - Review of latest draft
 - Pushing content back out to Charter & Scope
 - Clarify Scope statement regarding inclusion of the HAN
 - Slide deck for use outside of AMI-SEC
- Core Deliverables
 - Update on the Architectural Description
 - Update on the System Security Requirements
- Action Items



Glossary

- Location
 - Currently resides at “old” site:
http://www.utilityami.org/docs/Utility%20AMI%20Glossary_Compiled_041306.xls
 - Request placed to move to “new” site: <http://osgug.ucaiug.org/utilityami/default.aspx>
 - Do we need separate glossaries for AMI and security?
- Updating
 - Current material needs updating
 - Volunteers for review?
 - Newer material
 - Grass-roots AMI-SEC effort (started by Doug Houseman)
http://osgug.ucaiug.org/utilisec/amisec/Reference%20Material/AMI_Glossary_v0_3-20080821_dah.doc
 - IEC Glossary (thank you, Frances)
<http://std.iec.ch/terms/terms.nsf/ByPub?OpenView&Count=-1&RestrictToCategory=IEC%2062351-2>
 - Aclara’s AMI Industry Glossary
http://osgug.ucaiug.org/utilisec/amisec/Reference%20Material/Aclara_AMI_Industry_Glossary.pdf
 - ***“Energy Service Interface”*** vs. ***“Gateway”***



Does AMI-SEC cover the HAN?

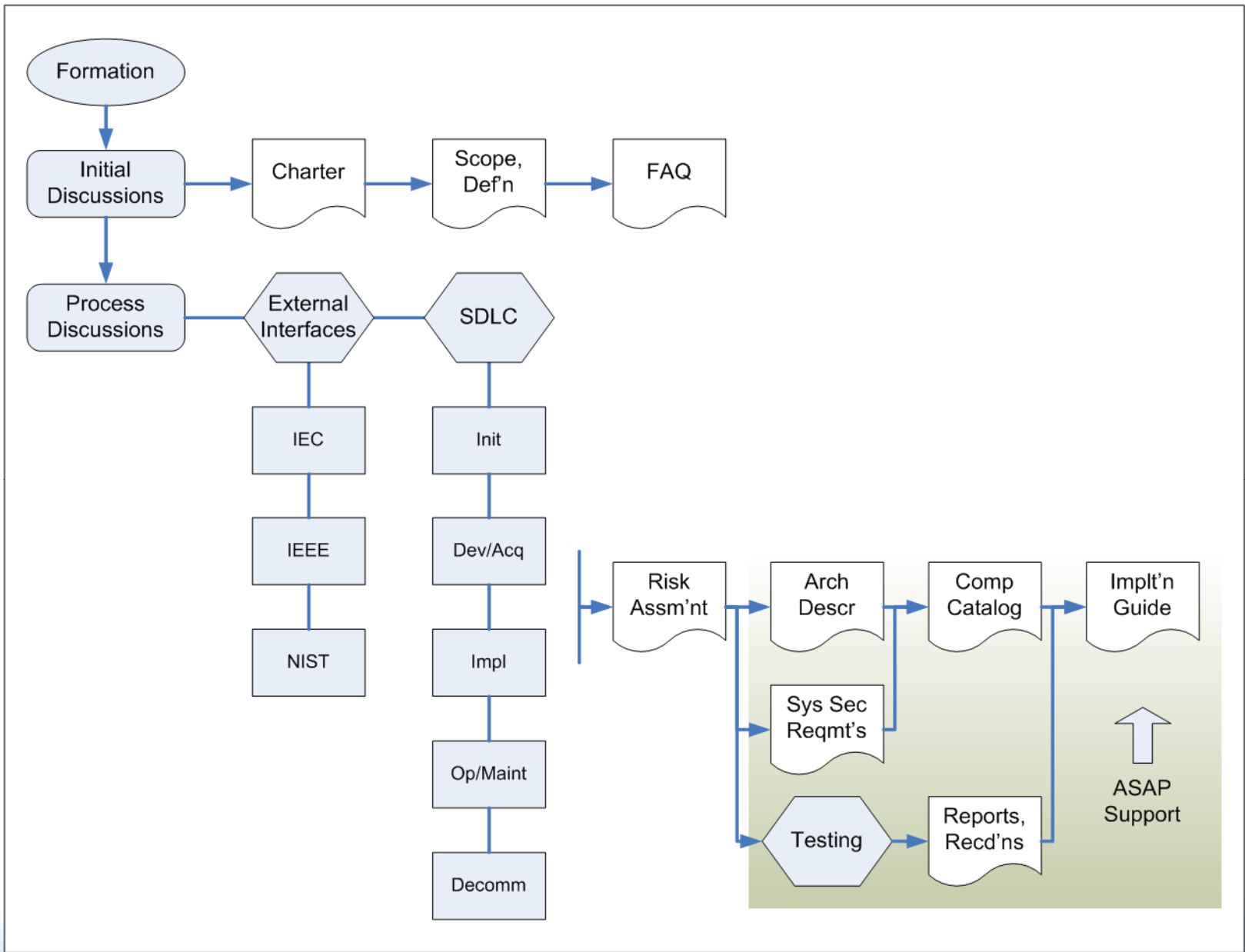
- Current position:
 - Normative guidance down to (and including) HAN interface on Home Area Gateway
 - (Optional) Informative guidance for non-utility owned/operated HAN devices
- **Q:** Do we cover devices in the HAN?
 - Implicit?
 - By specifying security requirements on HAN interface
 - Implies device must meet req's
 - Explicit?
 - Specify security requirements for HAN devices
 - Where do we stop?
 - Utility-operated but customer-owned?
 - What is scope of security requirements (i.e., limited to utility-oriented functions)?



Roadmap

- Review of latest draft
 - Use “Track Changes” for editing or add comment bubbles
 - Ground Rule: Complaints without recommended fixes will be tossed
 - Timeline
 - Review period: now through September 17th
 - Resolution of comments: September 17th – September 30th
 - Goal: Telecon approval vote October 1st
 - Revise Charter & Scope prior to October 23rd F2F
- Pushing content back out to Charter & Scope
 - “Should” be straightforward – Roadmap is mostly superset
 - Vote on revised Charter & Scope at October 23rd F2F
- Clarify Scope statement regarding inclusion of the HAN
 - Current message seems to cause some confusion
- Slide deck for use outside of AMI-SEC
 - What do we want to cover?





Architectural Description To Do for v1.0

- ✓ 1. Drop Sections:
 - 2.3 Logical View
 - 2.4 Deployment View
 - 2.5 Data View, and
 - 3 Mapping between Views. (Bobby)
- ✓ 2. Blend in SCE Use Case / EnerNex summary descriptions. (Bobby)

SCE License Agreement posted:

<http://www.sce.com/PowerandEnvironment/smartconnect/open-innovation/use-cases.htm>

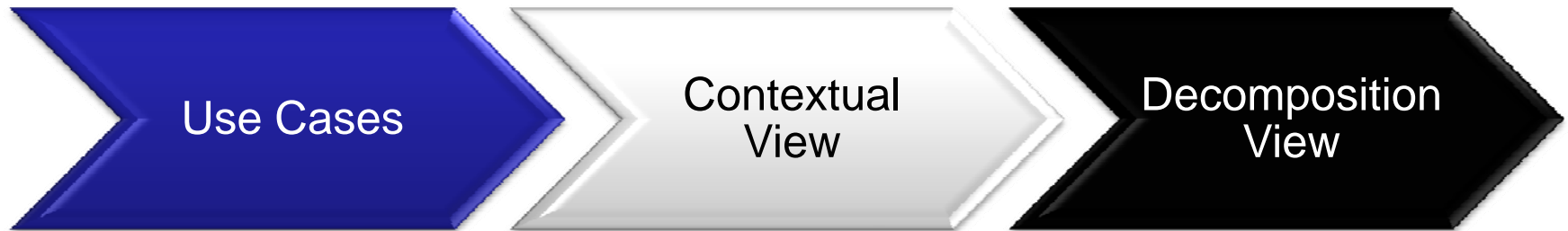
To Complete:

3. Security objectives for each Use Case
4. Sub-sections under Decomposition View (Sect. 2)
5. Background, Design Constraints and Rationale (Sect. 4)
6. Appendix A – write paragraph of how
 1. AD traces to SSR and,
 2. AD traces to RA.
7. Appendix C – Relation to Industry/Gov Standards

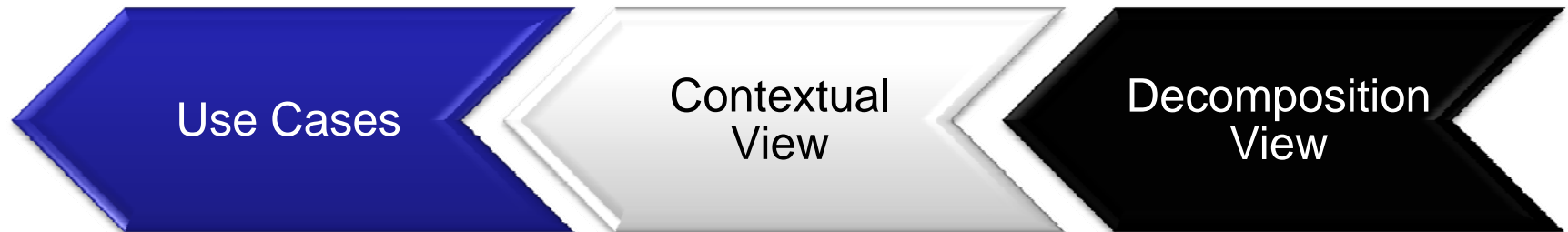


Why are we doing it this way?

Within the Architecture Description



Traceability for Completeness



Traceability for Justification



Why are we doing it this way?

Between Documents



Traceability for Completeness



Traceability for Justification



Looking Ahead v2.0

- Logical Views
- Data Views
- Deployment Views (Patterns)



Planning / Logistics

- Next meeting dates
 - F2F
 - October 23rd, 9am-2pm EDT
 - UtilityAMI WG meetings run 21st-23rd
 - Hosted by EnerNex:
 - 620 Mabry Hood Road
 - Knoxville, TN 37932
 - Teleconferences:
 - September 17th, 1-2pm EDT
 - October 1st, 1-2pm EDT

