

OpenSG EIM Meeting January 11, 2011

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#### Consolidated Requirements

- Enterprise information management lifecycle management and best practices
- Enterprise information modeling
  - Analytics
  - Control
  - Security
  - Model role-based access
  - Model sharing with external entities (B2B and B2C)
  - Overall information and architecture requirements
  - How should smart grid data be treated? Should it be treated differently than other data?
  - Resolve EIM support for process-oriented information perspectives
  - Identify how the IEC CIM can be used for enterprise information modeling and the creation of persistent data stores
  - Expand IEC CIM's role in messaging
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- What does enterprise information management mean?
  - Apply Smart Grid EIM lessons to the rest of the organization
  - Data movement tools and patterns
  - Patterns of logical data models
  - Apply architecture to smart grid, application, and business units across the enterprise

- How to bring smart grid data and enterprise data together into a persistent data store while meeting performance benchmarks
  - Develop patterns of localized data stores vs. centralized data stores to support self-healing and self discovery capabilities
- Semantic modeling
  - Develop an industry semantic model supporting NIST and incorporating CIM
  - Requirements for enterprise semantic management
  - Model how semantic modeling supports information modeling
  - Define patterns of introducing business units to smart grid semantic modeling
- Explore using a reference architecture to create an enterprise information architecture
  - Define patterns of using new technologies to create interfaces with older systems

#### Next Steps

- Create sharing space on the OpenSG website
- Explore how the IEEE P2030 work overlaps with the OpenSG EIM group's work
- Verify and expand on current requirement set
- Identify use cases
- Identify work deliverables