Data & Network Management Task Team Report Out

Co-Chairs:

Dan Brancaccio, Bridge Energy

Jim McNierney, NYISO

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D&NMTT Breakout Agenda

- Transition of D&NMTT
- Identify key learnings and accomplishments
- Identify any current work still pending
- Prioritize Issues and challenges
- Decide on what work efforts we want to take on in the next couple of years

Past Accomplishments

- NASPInet Requirements / Statement of Work
- NASPI Security Guidelines – 2010
- Gateway Specifications – 2010
- Conduit for introducing power industry to networking technology advancements
  - Pub/Sub – RTI
  - Demonstration of network with both 61850-90-5 and C37.118-2005 to show transition path and interoperability challenges
- Naming Conventions and Registry Document
- SGIG Project Network Characteristics Survey

Any work pending?

- Completion of survey paper
- Posting of both paper and powerpoint on NASPI website

Data Issues

- Quality and Availability
  - Metrics ***
  - Methods to improve / mitigate
  - What and why is data quality and availability important to the applications?
  - Application Requirements (with OITT or successor)

Data Issues

- Retention
  - Policies / Strategies / Architectures
- Data Sharing
  - Architectures
  - Policies / NDAs
  - Owner of record
  - Naming Conventions

Network System Issues

- Architecture
    - Requirements – Availability / Metrics
    - WAN / LAN
    - Use of Middleware, Pub/Sub
- Revisit Gateway Use Cases
    - Republish Use Case document on NASPI website – 2014 spring
    - Configuration guide
        - Protocol selection / configuration
    - Management / Monitoring (end to end)
    - Business issues – SLAs, Contracting

Cyber Security

- Data protection
  - Data at rest
  - Data in motion
- Security Architecture / Reference Architecture
- Policies (Applicable to all)
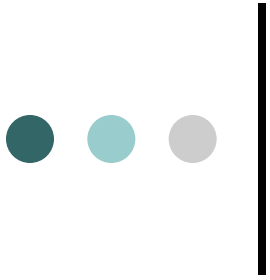- GPS Spoofing mitigation

Operationalizing

- Work with OITT on mainstreaming synchrophasor technologies

What's my name?

- Likely will remain unchanged
- We did come up with an option: Operational Data and Managed Networks – ODAMN

Thank you for participating!