North American SynchroPhasor Initiative (NASPI)

Data and Network Management Task Team (DNMTT)

Meeting Minutes

February 10, 2010
12:30pm - 1:30am PDT / 3:30pm - 4:30pm EDT
Via Live Meeting and Teleconference

A meeting of the NASPI Data and Network Management Task Team was held on February 10, 2010 via Live Meeting and teleconference. Seventeen (17) participants were in attendance. The attendance list can be found in Appendix A. The following action items and agreements resulted from the meeting.

NEXT MEETING

Next meeting of the DNMTT will be March 10, 2010 at 12:30pm – 1:30pm Pacific Time (after the Austin Meeting), please adjust to your time zone as appropriate.

ACTION ITEMS AND AGREEMENTS

1. Kris Koellner – Develop a NASPInet FAQ
2. Jeff Dagle – Provide a Project Manager/technical contact list for SGIG Phasor Project Awardees to DNMTT leadership.
3. Supreet Oberoi/Tim Yardley/Dave Bakken – Take a look at Boeing's S^2GOE effort and how it might relate to NASPInet.
4. ALL – Test PMU Registry interface and provide comments to TVA (Ritchie)

CONTACT INFORMATION

- Data and Network Management Task Team
    1. Chair – Paul Myrda, EPRI, pmyrda@epri.com.
    2. Co-chair – Kris Koellner, SRP, Kris.Koellner@srpnet.com
- DNMTT Website: http://www.naspi.org/meetings/dnmtt/dnmttmeetings.stm . Contact: Ranata Johnson, PNNL, (509) 375-6311, ranata.johnson@pnl.gov.
- DNMTT SharePoint Site: http://www.eippshare.org/dmtt/default.aspx. Contact: Ranata Johnson, PNNL, (509) 375-6311, ranata.johnson@pnl.gov.

MINUTES

Notes from the meeting are as follows.

1. Status of Use Case work. Supreet will work on "prettying up" the document and then will send out a PDF version. This will be available at the Austin Meeting. Use Case team is meeting at 3pm on February 23 in Austin.
2. Kris Koellner is continuing to work on the NASPInet FAQ draft document with the team (see Appendix B).
3. Based on feedback for the Austin Agenda, the following specific items have been added:
    a. Himanshu Kharana will discuss NASPInet security requirements, challenges opportunities
    b. Supreet Oberoi will provide a Phasor Gateway POC Demo
    c. PSTT team would like to discuss IEC61850 and how it relates to the NASPInet use case.

Remember to register for the Austin meeting by February 19, see http://www.naspi.org/meetings/workgroup/workgroup.stm for details.

The meeting was adjourned.

Appendix A:

Last Name	First Name	Affiliation
Anderson	Dave	WSU
Bakken	Dave	WSU
Bobba	Rakesh	UIUC
Brancaccio	Dan	Bridge Energy
Carlon	Teresa	PNNL
Dagle	Jeff	PNNL
Donnelly	Matt	Montana Tech
Gillerman	John	SISCO
Hauer	Matt	PNNL
Hu	Yi	Quanta
Johnson	Ranata	PNNL
Khurana	Himanshu	UIUC
Koellner	Kris	SRP
McKinnon	Dave	PNNL
Oberoi	Supreet	RTI
Patel	Mahendra	PJM
Yardley	Tim	Illinois

Appendix B:* NASPInet Frequently Asked Questions (FAQ) *Draft

What is NASPI?

NASPI is the **N**orth **A**merican **S**ynchro**P**hasor **I**nitiative. The mission of the North American SynchroPhasor Initiative is to improve power system reliability and visibility through wide area measurement and control. NASPI is a collaborative effort between the U.S. Department of Energy, the North American Electric Reliability Corporation, and North American electric utilities, vendors, consultants, federal and private researchers and academics. NASPI activities are funded by DOE and NERC, and by the voluntary efforts of many industry members and experts.

What is NASPInet?

The NASPI Network aka NASPInet is an effort to develop an "industrial grade," secure, standardized, distributed, and expandable data communications infrastructure to support synchrophasor applications in North America. The two key architectural elements of the communications network are the “Phasor Gateway”, which links phasor measurement units to the network, and the “Data Bus”, which will carry the data between the gateways.

What is a NASPInet Phasor Gateway?

What is the NASPInet Data Bus?

How does a NASPInet Phasor Gateway work with my Phasor Data Concentrator?

Can I purchase a NASPInet Phasor Gateway today?

What will the NASPInet naming convention be?

Do I need to register my PMUs?

Do I need to register my historical data?

How do I publish data through my NASPInet Phasor Gateway?

How do I subscribe to data through my NASPInet Phasor Gateway?

How is security handled in NASPInet?

What if I have a new feature I would like to see implemented in NASPInet?

Where can I get the latest info on NASPInet?

What types of data traffic are supported on NASPInet?