NASPI
DATA AND NETWORK MANAGEMENT TASK TEAM

NASPI WORK GROUP MEETING APRIL 2019

TASK TEAM LEAD: DAN BRANCACCIO
TASK TEAM CO-LEAD: MATTHEW RHODES

TASK TEAM MEETING AGENDA

❖ New Mission Statement update adoption

❖ Task Team project selection criteria

❖ Team project proposals and call for volunteers

MISSION STATEMENT UPDATE

Current Mission Statement

The NASPI Data & Network Management Task Team (DNMTT) is a forum focused on tactical and strategic elements of deploying and maintaining synchrophasor technology within current networking and data management disciplines.

New Mission Statement

The NASPI Data & Network Management Task Team (DNMTT) is a forum focused on providing guidance for synchrophasor data networking, archiving and access and promoting the incorporation of new technologies for the betterment of synchrophasor data management and utility.

TASK TEAM PROJECT SELECTION GUIDELINES

CRITERIA A:

PROMOTE NEW DATA NETWORKING/ARCHIVING/ACCESS STRATEGIES TO BEST SERVE INDUSTRY APPLICATIONS

CRITERIA B:

PROVIDE GUIDANCE FOR DATA AND NETWORK MANAGEMENT ISSUES DISCOVERED IN INDUSTRY

TASK TEAM PROJECT PROPOSALS

CRITERIA A PROJECTS

A1. (Best Practices Document) Industry research on in-service and new archive strategies and data analytics

    How/where is data archived

    How is data accessed/analytics applied for end use application development

A2. NASPInet 2.0 review and recommendations based on new technologies

    Review NASPI NET 2.0 spec

    Coordinate comments from vendors

    Proposed actions towards implementation

CRITERIA B PROJECTS

B1. C37.118 discussion/proposal for IEEE

    Vendor survey – how flags are set in PMUs

    PDC re-setting of flags – benefits or hazards for downstream users

    Addressing Fraction of Second issue?

B2. Data Availability

    Revisit use case document (Frank Tuffner PNNL)

        How much data droppage is allowed

    Develop KPI for availability

        Incorporate PARTF

    Tools to track availability to investigate source of problem

CRITERIA A PROJECTS

A1. (Best Practices Document) Industry research on in-service and new archive strategies and data analytics

Milestones

Stage 1: Begin as a basic survey document of existing and offered platform architectures.

1a: Utility survey of those collecting PMUs for architecture structure and analytics interface - a short description, document or presentation.

1b: Vendor survey of those archive architectures offered.

Stage 2: Evolve into a stationary best practices document.

Stage 3: Promote updates from utilities and vendors (new and old) to turn the best practices document into a living document.

A2. NASPInet 2.0 review and recommendations based on new technologies

Milestones

Stage 1: Review NASPI NET 2.0 spec and coordinate comments from vendors

Stage 2: Propose revisions to include technological updates (coordinate with project A1)

Stage 3: Propose actions towards network and platform realization – Hosting, managing and network maintenance

QUESTIONS

CONTACT : Dan Brancaccio
EMAIL: DBrancaccio@Quanta-Technology.com
CONTACT : Matthew Rhodes
EMAIL: Matthew.Rhodes@srpnet.com