

Fun with Synchrophasors and NASPI

Harish Mehta

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Observations

- *Since 2005, DOE has created an environment to fast-track transition from automation-focused to Intellectual Property (IP)-focused T&D operational infrastructure*
 - IEEE/IEC synchrophasor and related standards
 - NIST/SGIP PAPs and catalog of standards (COS)
 - DOE/ARRA-funded PMU and Smart Grid demonstration project experiences and feedback
 - Worldwide PMU and WAM system installations and experience sharing
- *NASPI has provided the opportunity to witness and participate in history in the making*

Possibilities

- ***Major changes are likely for measurement products, system architecture and user organizations***
 - **Multifunction Product Designs**
 - Single function products to common data acquisition platforms
 - **System Architecture with Distributed Processing**
 - Evolving distributed processing for enhanced resiliency and upgradability
 - **User Re-Organization**
 - From traditional silos to operational teams with “Select” IP (and not IT) Teams
- ***Transition will be perpetual (time measured in terms of our professional careers) and it could be both painful and fun at the same time!***