PhasorPoint

Core Capabilities

- Transform phasor data into actionable information to improve system security and capacity

- Coordinate WAMS and EMS to provide a unified view of the power system, enhancing operator decision making

- Improve power system performance in many aspects of operations, analysis and control

Differentiating Features

- Proven product. Over 20 years of successful deployments

- Scalable and flexible. Grow to the largest foreseeable system

- Wide range of effective applications, from core to optional advanced features

Optimized Outcomes

- Improved dynamic monitoring based on synchrophasor data from PMUs

- Mitigate risk of major disturbances caused by dynamic conditions

- Accelerate resynchronization operation, leading to decreased down-time

Real-time synchrophasor based measurement and monitoring

The challenge transmission system operators face is maintaining the stable operation of their power system and increase the use of assets, while aging infrastructure and a changing generation profile introduce new challenges.

GE's **PhasorPoint** software can bring great insight, reducing costs through more effective use of power system capacity and safeguarding its stability. **PhasorPoint** is an advanced, fully integrated, smart grid ready suite of products for the 21st century grid, and can leverage the synergies between WAMS, EMS and Dynamic Security Assessment (DSA) for improving power system performance in many growing aspects of operations, analysis, modelling and control.

The result? **Improved power system security and reliability. Reduce effort and cost by using integrated WAMS/EMS compared to two separate systems. And reduce risk due to early warning and location of stability issues.**