RTI ISO Connect

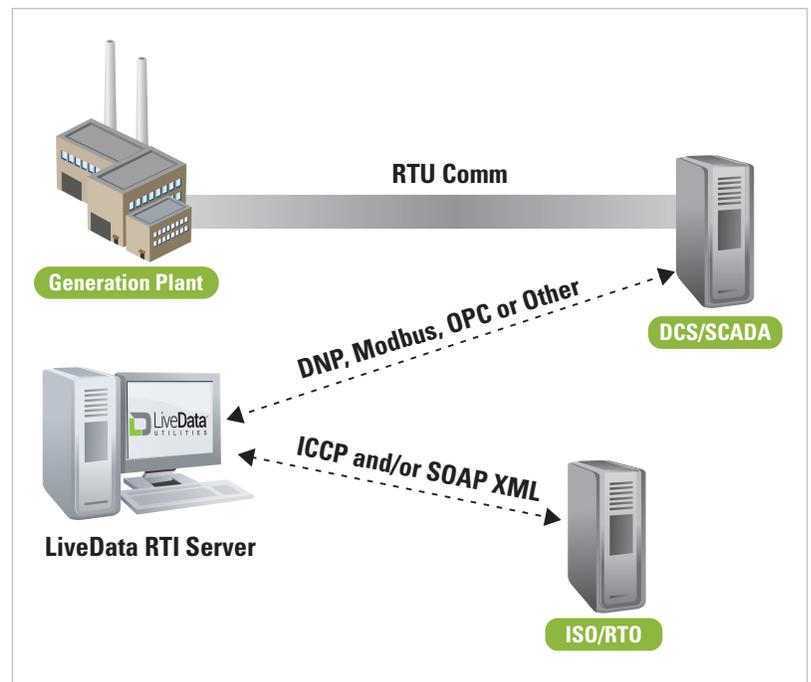## Turnkey, Fixed-Price Connection to ISO/RTO Markets

Participants in today's power markets need precise, real-time connectivity to facilitate and profit from buying and selling power. LiveData Utilities RTI ISO Connect™ is a real-time connection service and solution to manage transactional data flows and meet your Independent Service Operator/Regional Transmission Organization (ISO/RTO) markets' real-time reporting needs.

RTI ISO Connect:

- Ensures consistent transactions with operational and trading systems
- Delivers a reliable ISO/RTO integration at a fixed price
- Participates in ISO/RTOs coordination meetings
- Applies unsurpassed industry knowledge and ISO/RTO experience to every implementation
- Has a proven track record of providing on-time delivery and long-term support for ISO/RTO integrations
- Safeguards stable communications, reducing the risk of prolonged transmission downtime

LiveData Utilities™ provides comprehensive software and services to configure, deploy, and help you manage your real-time connectivity. LiveData Utilities RTI Platform™ is the leading technical framework for bidirectional data flow between power generation assets and power markets.

LiveData Utilities professionals work with operations managers and engineers to develop specifications, configure and test systems, train staff, and roll out the production system. Following implementation, LiveData Utilities experts help customers turn real-time data into operational intelligence. Your operations staff and LiveData Utilities technical expertise ensure reliable communication configured to your specific needs.

Connecting Assets to Energy Management Systems

LiveData RTI™ simultaneously captures data from distributed devices, systems, and databases – from RTUs to sophisticated software applications – and intelligently transacts via all major utility and industry protocols, including ICCP / TASE.2, IEC 61850, OPC, DNP3, MultiSpeak, Web Services, and Modbus. It also interfaces to messaging middleware (e.g. Tibco Rendezvous and IBM MQSERIES), SQL databases, and new Smart Grid applications.

Proven Scalability

For over 20 years, utilities throughout the world have relied on LiveData RTI technology to provide a communications and integration platform. Our professional services team has assembled an extensive knowledge base of configuration interfaces and protocols and has applied this expertise to integrating everything from legacy assets to the newest devices and management applications.

Simplified Maintenance

LiveData RTI 6.0 delivers a Configuration Manager that simplifies the complexity of operations technology integration and enables utilities to rapidly create new or modify existing transactional data flows; for example, meteorological data or wind predictions can be integrated into plant performance forecasts. Users simply point and click to configure data flow between sources, including devices, databases, software applications, and business systems.

High Availability

Success in power markets requires reliable communication. Contractually, suppliers can be fined or even taken offline if communications go down for prolonged periods of time.

LiveData High-Availability™ (LD/HA) solutions are designed to increase customer uptime and ease ongoing system management. LD/HA supports three deployment modes: Native, Load Balancer, and Windows Server Failover Clustering.

Secure Communications

To counter increasing cyber attacks on critical infrastructures, LiveData Utilities RTI Security™ provides threat mitigation with the transparency required to meet current and future cyber security regulatory mandates. RTI Security offers solutions designed to meet NERC CIP requirements and to secure utility networks where real-time data monitoring and grid-state situational analysis must be considered in tandem to provide the appropriate defense against cyber attack.

About LiveData Utilities

LiveData Utilities is the trusted source for operations technology data integration and visualization. Our smart grid solutions deliver operational intelligence to enable confident real-time management of power grid assets for critical infrastructure network segmentation and protection; ISO connectivity; SCADA, OMS, and DMS real-time state monitoring, control, and communication; demand response aggregation; visualization; and data analytics. Founded in 1991, LiveData is headquartered in Cambridge, MA. For more information, visit livedatautilities.com.