Total View™

Integration of weather and operations information in a single, efficient decision-support platform

Make the most of your energy℠

Schneider Electric™

Total View

For many years, Schneider Electric's innovative technology has provided weather information systems and forecast services that support mission-critical decisions of organizations and businesses impacted by severe weather.

The Schneider Electric Total View solution adds even more value by bringing essential weather information together with your real-time road transportation, aviation or energy information systems. This comprehensive solution, offered exclusively by Schneider Electric, takes advantage of distributed multi-nodal platform controls integrated via cloud computing. It efficiently collects the weather measurements you specify and combines them, through the secure computing cloud, with forecasts and operational data from your enterprise-level platforms.

This integration of software and services harnesses all the real-time information needed to manage the logistic and safety challenges your controllers face every hour of every day. With Schneider Electric Total View, weather-sensitive businesses and agencies of all sizes can benefit from a powerful, single-interface information system in their own control centers – realizing fast and accurate process decisions, improved business efficiency and optimized customer service.

Everything needed, when time counts

The progressive Schneider Electric Total View solution relies on the industry-leading Schneider Electric OASyS DNA supervisory control and data acquisition (SCADA) system to automatically coalesce weather and operations data from disparate systems, while honoring all associated business rules. With this continuously updated, single information landscape, controllers don't have to shift from platform to platform and risk the omission of an element that can jeopardize safety or result in undue costs.

You not only have all of the applicable weather and operations data available in a single interface; you also immediately know the effect of the combined data, based on your own specific decision criteria. When time counts, you have all the data at hand, along with your own asset and personnel alert thresholds.

Integration solution empowers your data center

The Schneider Electric Total View solution yields multiple management benefits:

Reducing the IT platforms needed

- Eliminates the complexity of duplicate provider fees, contacts, and maintenance agreements
- Increases service delivery efficiency
- Makes 'smart' information management practical for nearly any-sized operation

Full integration of vital data

- No toggling back and forth among different applications
- Requires less analysis time and effort

+

Schneider Electric systems are designed for configurability: you get only the measurement mode and parameter readings you need

Dynamic decision-making

- End-to-end management based on all the information available to the enterprise
- Decisions based on real-time assessments, or automatically based on pre-determined parameter and condition values.

Scalable and secure solution

The open-architecture Schneider Electric OASyS DNA SCADA system interfaces with any standardized weather observation system, so you can choose your system vendor and maintenance provider. You add sensor components to the system as data input needs grow or change. Schneider Electric Total View configures to your requirements, not the other way around.

Further, Schneider Electric's OASyS DNA SCADA system provides an ultra-secure environment for information integration and access at your control center. The OASyS DNA system was one of the first SCADA systems evaluated by the U.S. Department of Homeland Security's Control Systems Security Program for multi vendor compatibility and security. Making real-time information available over a safe, secure and reliable network is a critical component of any solution, and one that makes Schneider Electric Total View truly unique in the industry.

Value for any weather-sensitive operation

Simply, any organization that utilizes weather information with another application or solution can benefit from Schneider Electric Total View:

Departments of Transportation – Combine road weather data acquisition and management services, visualization and alerting services, and traffic data and camera feeds – all seamlessly integrated in map display for timely traffic-control decisions, such as holding a yellow traffic light longer when heavy fog persists.

Airports – Merge real time runway measurements and observations with best-in-class forecast data and configured alerts, and reporting and briefing systems that meet ICAO and WMO standards – for a total aviation weather solution that supports efficient processes, maximum capacity and safety of passengers, crews and aircraft.

Renewable energy operations – Combine solar and/or wind data with operational conditions and status for effective decision making. Examples:

- Estimate power capabilities to optimize wind turbine maintenance priorities
- Forecast of cloudiness or calm conditions helps schedule solar panel or turbine maintenance

Committed to excellence

Schneider Electric's decades of experience in advanced weather information technology and expertise in information management solutions allow the exclusive functionality of Schneider Electric Total View. When your customers and business partners are relying on your weather-related decisions, you can count on Schneider Electric's expertise and commitment to performance excellence.

Schneider Electric USA, Inc.

9110 West Dodge Road
Omaha NE 68114
Phone: +1-800-610-0777
Fax: +1-402-255-8125
http://www.schneider-electric.com/us

©2012 Schneider Electric. All rights reserved.

August 2012