



A SMART APPROACH TO ENERGY »

Achieving Operational Excellence in Energy Management

Promoted by the opening of the Energy market, Smart Metering & Infrastructure renewal is a large-scale transformational program for all energy utilities. Deployments for residential electricity customers are currently underway in eleven European countries and the main focus of the European smart meter market is now on France and Spain. Here the main energy industry players ERDF, Endesa and Iberdrola have announced massive projects covering more than 55 million metering points and recently, RWE announced the installation of a pilot trial of 100,000 smart electricity meters in Germany, the first project of its kind for this country.

Atos Origin has been in from the start of Smart Metering as demonstrated by our ground-breaking contract with ERDF in 2008. We are recognized as a thought and market leader in this area for our experience as the lead manager for consortiums comprising meter manufacturers, specialized software application developers and infrastructure providers. And we can help you to achieve operational excellence in your energy management.

SMART METERING – THE SUSTAINABLE ANSWER

Smart Metering is the future for business and consumers. It encourages the self regulation of energy consumption and is supported by most of the EU governments and their National Energy Regulators. Although Smart Metering requires some investments, it also brings some significant ROI and business benefits such as:

- » Reduced consumer bills
- » Encouragement of micro generation (solar, wind, etc)
- » Reduction of electricity consumption in peak periods (which are expensive and usually more CO2 producing)
- » Improvements in electrical grid management

SOLUTIONS ACROSS THE COMPLETE VALUE CHAIN

Atos Origin provides end-to-end solutions across the entire value chain:

- » Automated data acquisition & Meter data management
- » Infrastructure set-up, deployment and management
- » IT supervision & Network communication
- » Asset repository & maintenance management
- » Web portal for customers

Services include:

- » Technical IT studies
- » IT System Integration
- » SLA commitment

MORE THAN 30 YEARS EXPERIENCE WITH THE WORLD'S LEADING ENERGY COMPANIES

Atos Origin is recognized worldwide for its expertise in designing, integrating and operating complex systems, such as Smart Metering, including commitments to deadlines and seamless coordination of multiple project participants both inside and outside the group. We are also able to draw on methods and processes that have proven their efficiency during the group's partnership with the Olympic Games.

Atos Origin has built up unique capabilities for integrating

and managing complex, long-term projects and an impressive track record in managing and upgrading highly critical real-time systems over several decades of service. We are also highly experienced as the lead manager for consortiums comprising meter manufacturers, specialized software application developers and infrastructure providers. In fact we have been working with the world's leading energy companies to support their diverse activities for more than 30 years.

A COMPLETE SOLUTION – FROM PLANNING TO DEPLOYMENT

Atos Origin can offer all the aspects of the construction, piloting and deployment of a solution. The focus concentrates on the added value of the core business and looks to achieve operational excellence in the core business activities. By implementing a smart metering solution we are also able to help clients to:

- » Look for ROI and Rationalization of application portfolio
- » Optimize processes and adopt modern and flexible systems
- » Improve energy management with smart grid innovations
- » Follow local and environmental regulations in deregulated market
- » Care for environmental regulations through energy saving

Supply Information System for ERDF Smart Meters ERDF, a subsidiary of EDF and the largest electricity distribution network in the European Union, has recently launched a major transformation program that will see the replacement of 35 million electricity meters in France, beginning with a pilot trial of 300,000 meters.

ERDF selected Atos Origin as architect for the information system and lead manager of the consortium of technology firms that will conduct the pilot phase. The contract was won on the strength of our deep expertise in targeted industry sectors and our ability to integrate, manage and upgrade mission-critical systems over a long-term horizon. This project is the largest-ever European

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For More Information
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