

# SIEMENS



Industry Services

## The next generation of energy data management: Energy Analytics



### Technology-based services for a greater competitive edge

Minimum downtime and the optimum use of staff and resources are key to sustainable success in industry. Siemens provides the basis for greater productivity, flexibility, and efficiency with technology-based services throughout the lifecycle of an industrial plant – reliably, globally, and around the clock. In-depth technology and product knowledge as well as industry expertise within Siemens' global network of experts ensure a considerable competitive edge.

With Energy Analytics, Siemens makes energy data management available as a "managed service" – a scalable service that is economical, simple and intelligent.



### The challenge

Maintaining a competitive edge is a constant challenge for industrial facilities. How do you maintain the edge when faced with greater environmental sustainability requirements, global economic pressures and evermore sophisticated competition?

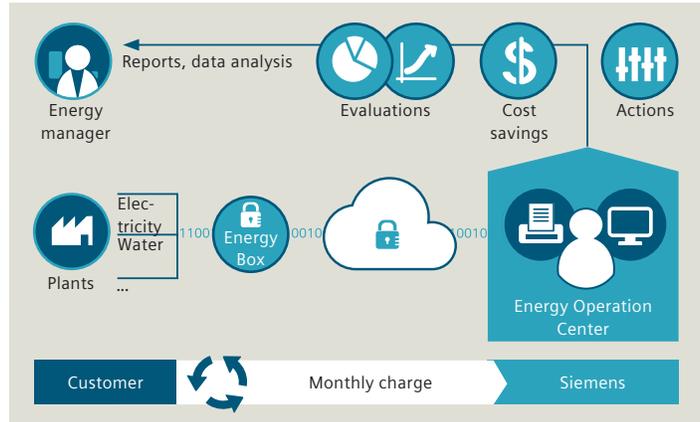
No doubt new ways to drive productivity, sustainability and competitiveness are needed. Perhaps a way is right in front of us. Can productivity and competitiveness be found by aspiring for more sustainable manufacturing?

Enter energy data management – this incredible sustainability-enabling tool provides transparency to energy and resource use, and helps to uncover hidden savings and productivity. But how do you meet the new resource and knowledge requirements, create smart data not just big data, and manage budget constraints? Siemens has an answer.

Answers for industry.



Discover hidden savings potential in your plant



Your data's journey to greater value



Reports based on informative key figures

### The solution

Energy Analytics from Siemens gives you easy access to professional energy data management and knowledge from leading energy experts. Through intelligent reports and analyses, Energy Analytics can thoroughly examine all potential and analyze all energy related data including electricity, water, and inputs such as temperature, pressure and process data. Depending on the level of service you choose, you have access to 15-minute load profiles, ISO 50001 transparency reports and variety of analytics that build context to your plant's consumption such as through KPI reporting. You can choose to record data manually, by connecting an Energy Box to your existing meter infrastructure or by installing the Energy App into your industrial control system. As required we can also design new cost-effective metering infrastructure to meet your information requirements or optimize existing infrastructure. The data is transmitted to, securely stored and processed at the Energy Operation Center. Here informative reports, analytics, and dashboards are generated and returned to you via a web portal.

### The benefit

Energy Analytics allows you to generate real added value from your energy data. The four service packages allow you to obtain the right scope of services to exactly meet your current needs. And the modular structure of Energy Analytics means you can expand your energy data management at any time.

Siemens is an expert partner you can rely on to handle the professional analysis of your energy data. That leaves you free to concentrate on fully exploiting your hidden savings potential – and of course on your core business.

Because Energy Analytics involves only a low monthly charge, you can easily build energy data management into your operational budget.

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