



Managing your energy has never been easier

Current energy conditions are waiting on your dashboard.



Enterprise Energy Dashboard

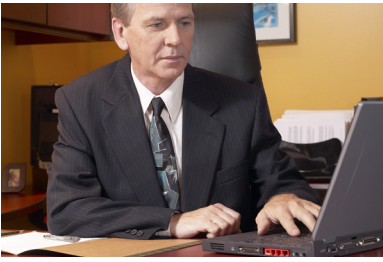
The Enterprise Energy Dashboard (E2D) provides executive level energy managers with a tool to quickly identify significant system variances and address them in a timely manner. Unlike a traditional Energy Management and Control System (EMCS), the E2D tracks metrics, sorts them by their scorecard status, and identifies energy inefficiencies. This allows managers to focus time and resources on resolving the issues that provide the greatest cost reduction and operation efficiency.

A traditional EMCS reports the operating status of equipment, as do metering systems and Advanced Metering Initiatives (AMI). These traditional systems rely on rigorous analysis and cross referencing by experts in order to interpret current conditions and identify what needs to be addressed. This process can take days, weeks or months. E2D transcends this approach by tracking and reporting equipment status and consumption variances on an hourly basis, providing a real-time tool to enterprise level managers to mitigate energy risk.

Enterprise Energy Dashboard

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E2D displays information in a way that expert knowledge is not required to interpret energy system data.

Enterprise-wide solution.

E2D collects and analyzes data from multiple EMCS and metering systems, providing an analytic and reporting gateway that focuses resources on the most critical energy issues affecting the enterprise on a daily basis. The E2D is a thin-client software solution designed to overlay traditional EMCS, AMI and metering systems. This is important, as most enterprises have a multitude of non-compatible energy systems in their facilities, requiring multiple computers and skill sets to manage. The E2D allows a single point of entry and a common look and feel for energy management across the entire enterprise.

The E2D engine cross-references data from various systems, devices and relational databases in order to calculate energy inefficiencies. This provides senior level managers with a snapshot of overall energy usage which allows them to prioritize their actions effectively. The E2D also provides the means for management to filter and sort identified assets (such as regions, facilities, buildings, and equipment). Information is arranged to represent the organization so that managers can easily identify energy and carbon footprint variances and make subsequent optimal performance changes.

Simple color codes tell you what you need to know in seconds.

SAIC built the E2D to process raw data from an organization's operations and compare it to historical data, budgets, and known metrics. Using simple traffic light colors, E2D helps enable senior level energy managers to understand how energy is being spent in real time eliminating the delays caused by monthly analysis which cost time, money and resources. This tool, updated hourly, allows managers to visualize energy use, recognize inefficiencies and identify energy savings opportunities.

SAIC knows energy management.

SAIC designs, builds, and implements energy management solutions that help reduce costs and streamline operations to help clients address the unprecedented changes and volatility in today's global energy market. Our energy experts have helped federal, state, and private clients reduce costs, streamline operations, and increase effectiveness. SAIC technology and tools are used by clients in a variety of industries to help reduce energy demand, conserve energy, improve energy efficiency, and reduce their carbon footprint. In addition, SAIC analysts and engineers have helped evaluate hundreds of energy efficiency programs for numerous clients.

By understanding the complexity of integrating disparate systems, SAIC provides an array of experience and support services that will help clients manage energy and go green through the use of technology.

Integrates with

Building Automation System
Energy Management & Control System
Supervisory Control and Data Acquisition
Other (utilizing standard industry protocols)

Accesses relational databases

SQL
Oracle
Other (utilizing standard industry protocols)

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Energy | Environment | National Security | Health | Critical Infrastructure



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Capabilities:

- E2D is fully interactive
- Little or no formal training needed to identify issues
- Allows user to deploy resources where needed most
- Pass code protected
- Fully web-based, no plug-in needed
- Pulls data from existing EMCS and other trending, monitoring, and control systems

