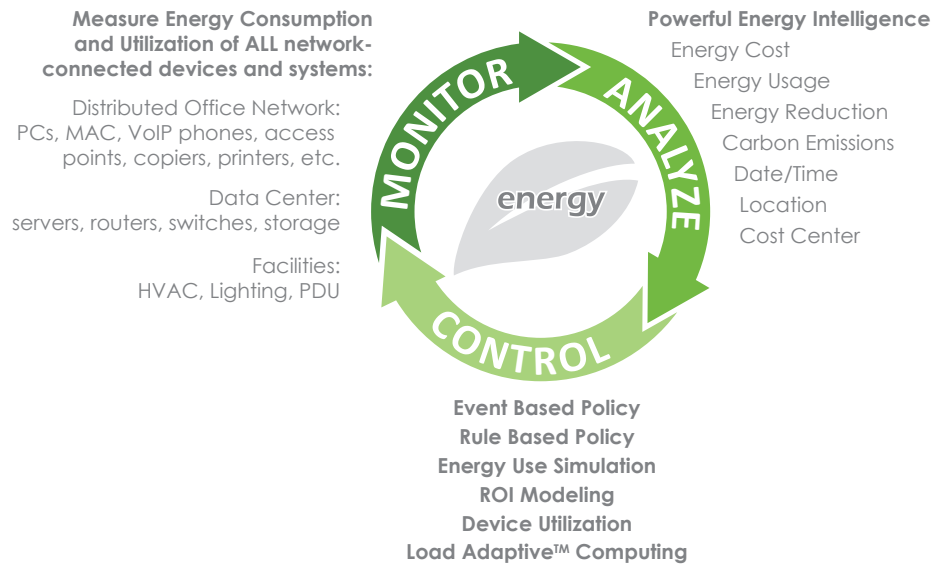


JOULEX ENERGY MANAGER™ FOR DATA CENTERS

BENEFITS

- Gain visibility into:
 - Energy Consumption
 - Device Utilization and Temperature
 - Energy Costs
 - Carbon Emissions
 - Energy Savings
- Lower energy costs up to 60%
- Simple to deploy and manage
- No software agents or expensive hardware meters required
- Fast Time to Benefit
- Automated asset discovery
- Easily Identify servers for:
 - Retirement
 - Upgrades
 - Virtualization
- Comprehensive reporting by:
 - Data Center
 - Row
 - Rack
 - Slot
 - Device
 - Virtual Machine
 - Division
 - Business Unit
 - Department/Cost Center
 - And more
- Enables energy capacity planning
- Support Corporate Sustainability Goals

JouleX Energy Manager (JEM) for Data Centers helps customers reduce energy costs and optimize their data centers by monitoring, analyzing and controlling the energy of data center devices and systems. Using JEM for Data Centers, customers gain unprecedented visibility into the energy consumption and utilization of every device and system. Customers use JEM for Data Centers to assist in their data center consolidation, optimization, virtualization, and cloud projects. JEM also provides customers active power management capabilities to reduce overall energy costs.



Monitor - JEM for Data Centers provides continuous energy usage visibility via agentless monitoring of all devices and systems in the data center.

Analyze - JEM for Data Centers pinpoints energy savings opportunities by analyzing energy usage and carbon emissions by any grouping such as date, time, location, device and application.

Control - JEM for Data Centers reduces energy costs through planning and simulation, optimization, policy enforcement and event driven rules, without impacting availability and user productivity

*Energy is the biggest unmanaged expense in any organization. Studies show that over 50% of Data Centers are not sufficiently measuring or managing energy usage, even though insufficient energy is cited as the **Number 2 concern** in the data center. It is easy to see why this challenge has not been addressed by most organizations. To date, energy management solutions have been cost prohibitive, inadequate, and time consuming to implement.*

JouleX Energy Manager™ for Data Centers is the **first and only** solution that makes implementing energy management simple, fast, and cost effective.

MORE BENEFITS

- Remotely manage, analyze and control energy consumption, device utilization and temperature, energy costs and carbon emissions
- Automated discovery of all IT and facilities assets connected to the network
- Dynamically calculate energy consumption on a Per Device or VM basis
- Agentless architecture means:
 - NO installation of device side software
 - NO network re-configuration
 - NO expensive hardware meters
 - NO hassles with maintenance, configuration, or patches
- Helps protect SLAs, performance, and availability
- Fast deployment time
- Time to Benefit in hours/days, NOT weeks/months

SUPPORTED DATA CENTER EQUIPMENT

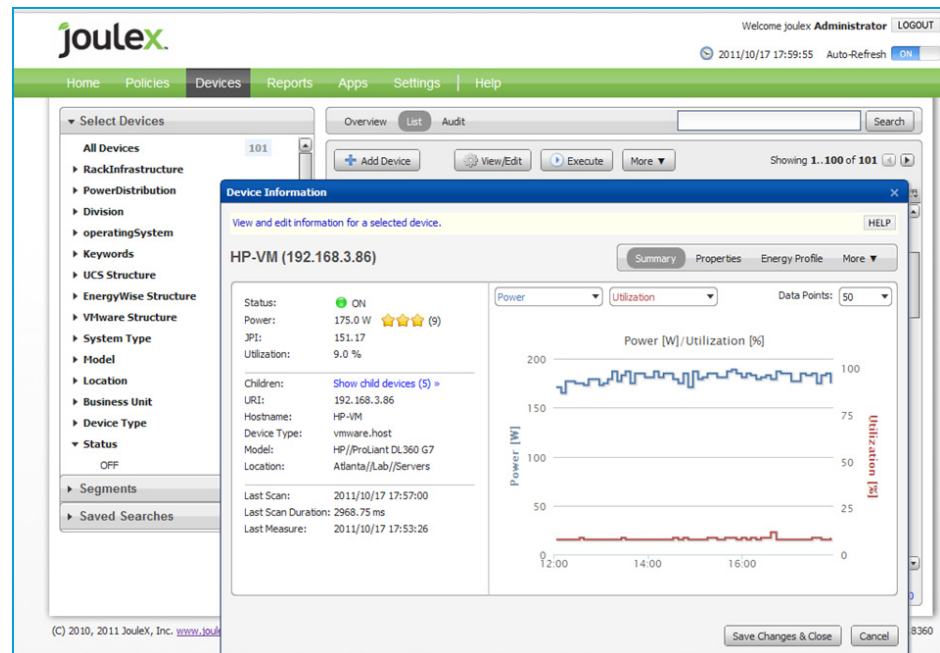
- Virtual Servers
- Physical Servers
- Storage devices
- Routers
- Switches
- PDUs
- UPS
- CRAC units
- And more

HARDWARE REQUIREMENTS FOR JEM INSTALLATION

- 4GB RAM
- Dual Core
- 20+ GB Disk
- Windows 2003 or later server

CONTACT US FOR MORE INFORMATION

www.jouleX.net
sales@jouleX.net



FEATURES

- **Energy Visibility** –Comprehensive visibility of energy consumption, cost, and utilization by data enter, row, rack, slot, device, and virtual machine.
- **Immediate Savings** – Begin saving on energy costs from the moment management policies are enabled, while meeting SLAs and without impeding performance.
- **Powerful Analytics** help quantify, justify, and prioritize energy savings and carbon reduction savings.
- **Alerting Capabilities** to set thresholds to alert on power, utilization, and temperature conditions.
- **Automate Load Adaptive Computing™ Capabilities:** Advanced control policies to better match energy use with performance needed to maintain service levels (power capping, power performance leveling and VM load balancing)
- **Simplified Data Center Consolidation, Optimization, Virtualization, and Cloud Projects:** Identify and prioritize dead servers (servers that consume power but are not running any workloads) for retirement, identify and prioritize servers for upgrades or virtualization.