

Data Center Cost and Energy Efficiency Optimization

FINANCE BENEFITS

Lower Overall IT Cost
Lower IT Energy Costs
Transparent Cost Allocation
Improve Budgeting/Forecasting

IT BENEFITS

Greater Asset Utilization
Computing Usage Transparency
Usage and Cost Detail Visibility
Optimize Server Procurement

BUSINESS UNIT BENEFITS

Insight into IT Usage and Costs
Reliable Data for Budgeting
Cost Reduction Control



- Optimize computing capacity availability, dramatically reduce costs, and eliminate server inefficiencies
- Reduce data center energy costs through advanced energy efficiency analytics and ongoing metering/reporting
- Identify the most cost-effective and energy-efficient servers before you buy
- Cost-effectively transform your data center with data center consolidation and virtualization modeling

In today's competitive business climate, IT organizations are restructuring data centers to reduce costs, drive competitive differentiation, and reduce the complexity of service delivery. These initiatives require greater visibility into the cost and utilization of computing resources to achieve IT cost management, energy efficiency, and cost transparency.

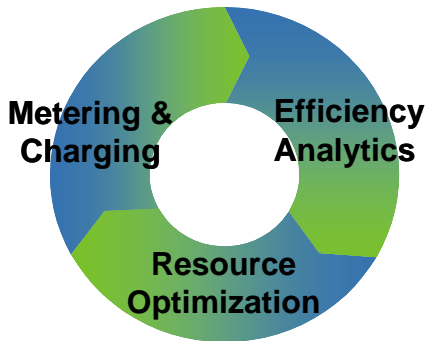
The opportunities for IT to save money, improve energy efficiency, and deliver higher profitability is enormous. IDC estimates that there is \$140 billion in excess server capacity. Furthermore, McKinsey recommends that improving data center efficiency is the best near-term means to solve the twin challenges of rising costs and green house gas emissions.

The SatoriTech™ Data Center Efficiency Solution delivers improvements in cost efficiency and environmental impact of IT operations. The solution is based on patent-pending technology and over 10 years of analyzing IT cost management challenges.

SatoriTech supports a wide range of systems, including Linux, Windows, UNIX, and virtualized servers. Using advanced analytics automation, SatoriTech accurately assesses the cost efficiency of IT data center operations and provides actionable, comprehensive reports and ongoing metering and reporting.

SatoriTech

Advanced Analytics and Reporting



SatoriTech applies proven methods in working with your IT organization to identify project goals and create a customized plan to improve data center efficiency and reduce energy consumption.

Using market-tested software, SatoriTech baselines the costs and energy consumption of the existing server environment. Optimization modeling is tuned to your specific business goals, including modeling of server capacity and utilization, energy efficiency, and the impact of server changes on business costs.

Customized reports provide the vendor-neutral facts to make decisions on optimizing the existing environment as well as new purchase decisions.

Ongoing metering/reporting of costs and energy include Green IT scorecards, chargeback, and budget analysis.

Knowing the capacity of each server, resource pool, and other server grouping in the IT environment—as well as to what extent the capacity is being used and by whom—is critical to determining cost efficiency, identifying opportunities for savings, and optimizing IT pricing strategies.

Typical Program Deliverables

- **Server capacity and energy analysis:** Accurate baseline of current server capacity, utilization, and energy efficiency
- **Server cost efficiency analysis:** Measure the true operating costs and relative efficiency by server, application, or business unit
- **Optimization modeling:** Predictive analysis to support data center initiatives such as consolidation, virtualization, or risk management
- **New server assessments:** Benchmark new servers for cost and energy efficiency, to reduce total cost of ownership
- **Chargeback, analysis, and metering:** Accurately meter the use of computing capacity and allocate associated costs by business unit, application, or server

Helping Transform IT

Projects That Benefit from SatoriTech's Solutions:

Green IT and Sustainability
IT Purchasing and Budgeting
Virtualization
Data Center Consolidation
Chargeback

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