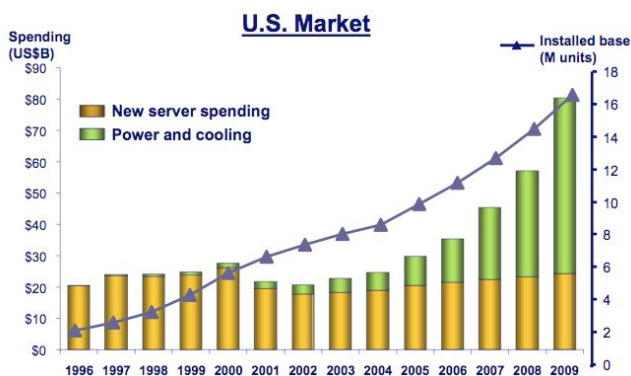


## Energy Value Profile™

With information becoming an increasingly strategic corporate asset, IT departments are considered to be a mission critical element of corporate operations. Keeping the e-mail system operational 24/7, avoiding network downtime and protecting against security breaches are fundamental to the smooth operations of a company.

Constant change is the norm within today's IT department. New technologies are being introduced on a daily basis; security threats demand constant vigilance against new viruses and malware. Controlling all of these changes while ensuring everything continues to run smoothly is an ongoing challenge. On top of this, budgets are under constant scrutiny – requiring IT departments to do more with less.

And then there are hidden costs within the IT department. For example, energy consumption is largely unseen yet has increased dramatically over the past few years. A 2008 study by CIO magazine found 76% of companies surveyed do not track their IT-related energy costs.



Recent increases in the level of energy consumption and prices has resulted in a fundamental change in the economics of data center operations, to the point that server

power and cooling has surpassed capital costs for new equipment.

Controlling energy consumption is only part of the story. Understanding where energy dollars are being spent and the resulting value is a key piece of information most companies don't have visibility into today. This leaves them unaware of when they will have to incur the cost of upgrading air conditioning or power distribution facilities to meet the demands of a growing server population.

SCTi can provide the answers to these questions by completing an **Energy Value Profile™**. In this process, we conduct an inventory of servers, air conditioning and power distribution systems and conduct a detailed analysis to identify where the biggest energy costs in the IT department are incurred, how to reduce those costs, and the projected life of existing cooling system and power distribution facilities. Finally, SCTi identifies and assists with the application for any incentive programs available.

A completed **Energy Value Profile™** highlights the power utilization efficiency of the current environment, the areas that are major power consumers, and an estimate of the lifespan of computer room cooling and power distribution facilities based on the existing operating conditions. This information allows for better control of costs and fewer surprises throughout the operating year.

With this information in hand you will be able to reduce overall energy costs and be better prepared to budget for major capital costs.

**Call us today to discuss how we can help your company improve IT energy efficiency and begin to develop your Energy Value Profile™.**