



Power Management with System Center Configuration Manager 2007 R3

System Center Configuration Manager 2007 R3 provides a complete set of desktop power management tools that can help organizations save on energy costs with minimal effort and expense.

www.microsoft.com/systemcenter/configurationmanager

Save Money and Help the Environment

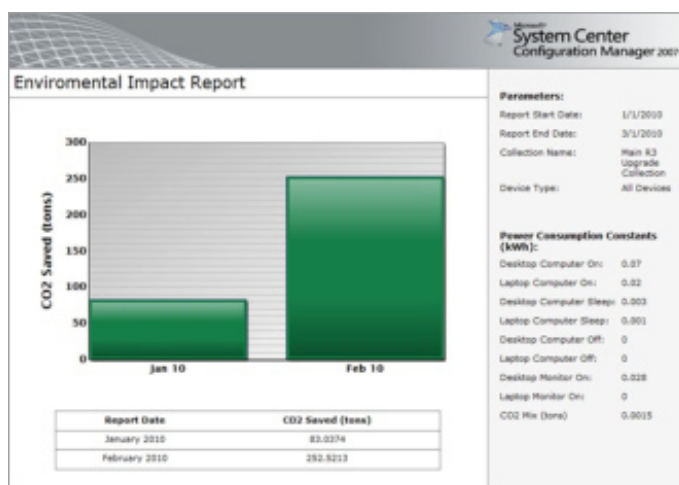
Today, organizations and individuals alike are seeking ways to conserve energy to reduce environmental impact. For IT organizations, conserving energy can also result in substantial cost savings.

But while energy-saving computers have been available for some time, many companies are not getting the most cost and energy saving benefits from these devices. This is because power-saving settings are often disabled, whether to support nightly IT operations or simply from force of habit.

In a recent Forrester Research, Inc. report of corporate PC power management practices, only 13 percent of IT professionals polled said that they had implemented wide-scale power management programs. Another 16 percent said they had implemented programs but needed to scale them.¹

Power management with Configuration Manager 2007 R3 helps address these problems by providing a complete set of tools to centralize client power management. These tools help organizations:

- **Monitor** machine and user activity to minimize unintended user interruption.
- **Plan** and create a power management policy.
- **Apply** a power management policy to enforce different power settings for peak and non-peak user activity periods, and then check for exceptions.
- **Check** compliance and remediate non-compliance.
- **Optimize** and extend Windows® 7 power management for better control over the power configurations of Windows 7 clients.
- **Reduce** energy costs and carbon dioxide (CO₂) emissions.
- **Report** on power consumption and costs savings.



Configuration Manager 2007 R3 helps organizations show the direct impact of managing the consumption of client power.

¹ *The State Of PC Power Management: 2009*, Forrester Research, Inc., July 28, 2009

Configuration Manager 2007 R3 gives organizations the ability to implement a flexible power management strategy, which can result in direct cost savings and environmental benefits that companies can quantify through detailed reports.

Mixed Windows Support

Configuration Manager 2007 R3 works with the power management capabilities built into the Windows 7 operating system, enabling administrators to optimize power settings on a granular level. This helps to improve the user experience and to increase the potential for cost savings.

Configuration Manager 2007 R3 also takes full advantage of the power management capabilities in older versions of Windows such as Windows XP or Windows Vista®, allowing for the creation of power policies that administrators can apply across mixed Windows environments.

Why Is Power Management Important?

Energy Cost Savings

In many organizations, cost savings are one of the most common driving forces behind power management. By using the power management capabilities of Configuration Manager 2007 R3, IT organizations can gain control of their energy consumption by managing the power settings of client systems from a centralized point. They can make intelligent decisions about when systems should be put into sleep mode after periods of inactivity, and when power consumption can be throttled down.

Carbon Footprint Reduction

When power is wasted, such as when a PC is idle, unnecessary CO₂ is released into the atmosphere. Power management with Configuration Manager 2007 R3 can enable an organization to make strides toward reducing its carbon footprint.

Energy and Utility Rebates

Some power utilities have programs in place that offer rebates to organizations when they reduce energy thresholds by implementing power-saving mechanisms such as client power management.

Configuration Manager 2007 R3 provides IT organizations with long-term reporting capabilities that allow them to take advantage of these programs.

Enabling Green IT

Implementing power management with Configuration Manager 2007 R3 can be a simple and effective way to help drive Green IT practices. Configuration Manager 2007 R3 gives IT administrators the ability to make smart choices around power management with minimal effort and expense. The reports that illustrate the direct power, money, and CO₂ savings realized through adoption of power management is solid justification for pursuing Green IT projects.

For more information about Configuration Manager 2007 R3, visit: <http://www.microsoft.com/systemcenter>.

Find out more about power management partners at: <http://www.microsoft.com/systemcenter/en/us/alliance-members.aspx>.

EXTENDING POWER MANAGEMENT EFFICIENCIES

Microsoft has an extensive portfolio of power management partners, like 1E, that extend the core power management capabilities in Configuration Manager 2007 R3. The best-of-breed features of 1E add flexible administration, user empowerment, enhanced reporting, and broad OS support. According to 1E, it has helped customers save in excess of \$360 million in energy costs and cut CO₂ emissions by three million tons.