



HEALTHCARE

Save energy, cut costs, maintain system health and keep your users productive

Industry overview

“In an organization or department with 10,000 PCs, that decision not to switch off at the end of the day costs the employer an extra \$260,000 in energy costs, generating 1,871 tons in CO2 emissions every year.” Alliance to Save Energy, PC Report 2009

The healthcare sector in the United States is unique among developed countries in its nearly equal mix of private and public sector programs and in its necessarily diverse response to the very different needs and demands of more than 300 million people.

Since President Barack Obama’s announcement of sweeping healthcare reforms, the pressures to manage costs are more intense than ever on both private and public sector healthcare providers. Several notable healthcare providers are targeting reduction of energy consumption as a ‘quick win’, by powering down PCs overnight and by rationalizing or decommissioning inefficient physical and virtual servers.

But lowering costs by reducing energy usage is just one of the ways the healthcare industry in the US is facing up to the challenge of doing more with less.

Healthcare providers also need to be mindful of deploying software and operating system upgrades and patches quickly and cost effectively without impact patients, but multiple sites and an ageing IT infrastructure can make this a huge challenge. And they need to consider increasing expectations from staff, who need access to available and healthy computers to effectively support their patients while feeling empowered to choose the applications they feel best fit their role and requirements.

Over 235,000 users across nearly fifty of the leading healthcare organizations in the US, like John Hopkins Hospital, Genesis Healthcare and Vision Service Plan rely on 1E to help them to significantly lower costs, considerably increase business agility and to substantially improve the day-to-day experience of their users.

Vision Service Plan installed Power & Patch Management to power down 85% of their workstations overnight while still giving them the ability to distribute software out-of-hours, savings them \$145,000 a year in energy and hardware savings and increasing software distribution success from 75% to 95%.

“Every day, over 54 million workers in the United States make the decision not to turn off their PCs at the end of the day, wasting \$2.8bn.”

Alliance to Save Energy, PC Energy Report 2009

“\$24.7bn is wasted each year on hardware, maintenance, management, energy and cooling for unused servers, which is roughly equal to the cost of the entire thirteen year Apollo space program.”

Alliance to Save Energy, Server Energy & Efficiency Report 2009

Industry solutions

NightWatchman®

NightWatchman is the most comprehensive market leading software solution for securely, remotely and centrally power managing computers. NightWatchman empowers organizations to realize significant energy savings while ensuring that user productivity remains unaffected. When they are not in use, computers can be automatically shutdown, suspended or put into a hibernated state in order to deliver rapid cost savings and energy and carbon emissions reductions.

WakeUp™

WakeUp is a scalable, proven solution that ensures PCs are available, healthy and ready to use. By allowing PCs to be powered on and patched out of hours, WakeUp reduces the burden of support on your helpdesk while ensuring that branch or head office users are not disrupted. By using Computer Health™ to proactively identify issues on every computer and automatically remedy them, WakeUp enables

100% distribution success while delivering the best possible user experience from a healthy and up-to-date machine.

NightWatchman® Server Edition

NightWatchman Server Edition revolutionizes data centre efficiency by measuring 'useful' activity across both physical and virtual Windows and UNIX servers. It provides the ability to reduce power consumption across all servers without any loss of availability by continually analyzing how much power is being wasted on unproductive processes. NightWatchman Server Edition is the key to making data centers and servers more efficient by reducing power consumption and removing redundant infrastructure.

Nomad Enterprise®

Nomad Enterprise makes IT data invisible to the user by revolutionizing the reliable delivery of large O/S, software and patch distributions across thousands of PCs, servers and sites. It uses patented technology to make the most efficient

use of available network bandwidth while ensuring that other network traffic, like email or business applications, remain unaffected. Nomad significantly reduces costs by removing the need for time consuming and expensive site visits and by eliminating the need for secondary site servers.

Shopping™

Shopping delivers rapid and significant cost reductions by empowering users to search for, find, request and receive applications through a self service 'shopping cart' on-demand. For software which needs to be licensed, a check is made to ensure sufficient licenses exist and then approval requests are automatically sent to chosen managers. Once requests are approved, the application is delivered automatically to the user without helpdesk intervention. Software can be requested permanently or 'rented' for a limited time period enabling software licenses to be reclaimed at a later date. Shopping can also be extended to handle requests for other resources such as security access, power policies and new hardware.



"NightWatchman matched our technology requirements by automating the switch-off of computers at preset times. It also offered a powerful business case, by measuring current energy usage and costs, and predicting precisely how this could be reduced."
Bill Dickson, Energy Manager, Princess Alexandra Hospital

1E – Empowering Efficient IT

We believe every one of our customers should expect more from their IT. Founded in 1997, 1E pioneered advanced PC power management with the release of ground-breaking solutions like NightWatchman® and WakeUp™. That innovative approach has continued with the development of revolutionary concepts like Useful Work™, Drowsy Server® and Computer Health™ as part of a unique range of industry-leading solutions. Headquartered in London and New York and with nearly 14 million licenses deployed world-wide, over 1100 organizations in 42 countries have trusted us to help them to work effectively, productively and sustainably. To date, we have helped our customers save in excess of \$360m in energy costs alone, cutting CO2 emissions by 3 million tons. We have many imitators, but there is only one 1E.

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