



Vision Service Plan saves \$145,000 each Year with Power and Patch Management

Out-of-hours patching reduces disruption – but if that means PCs being left on overnight, the energy costs are huge. Eye expert, VSP, gets the best of both worlds with Power and Patch Management. It can distribute software out of hours while at the same time realizing \$145,000 a year in energy and hardware savings.

Customer profile

Vision Service Plan (VSP), the largest supplier of eye care benefits in the United States, employs more than 2,300 desktop users. The company uses Microsoft tools for software distribution and has over 200 servers using Windows NT4 and Windows 2000.

The challenge

To avoid disruption to users, VSP's IT staff performed software upgrades and security patch applications overnight. However, this meant requiring employees to leave their desktops powered on 24 hours a day, seven days a week. With energy costs rising and hardware life suffering, there had to be a better way to do things.

VSP went looking for a solution that would enable PCs to be powered on only when in use or when the IT department needed to carry out upgrades.

The solution

The natural solution was the Power and Patch Management from 1E, a software bundle comprising WakeUp and NightWatchman.

WakeUp offers advanced Wake-On-LAN technology to power on PCs remotely as they are needed, guaranteeing patch management success. Conversely, NightWatchman allows companies to shut down their PCs centrally, preventing the spread of viruses and enabling significant energy savings.

VSP decided to implement the Power and Patch Management in two phases:

- In phase one, WakeUp was installed on VSP's servers. Users could then be instructed to switch off their computers at the end of the working day, with the IT team powering them up remotely only when there were software updates or security patches to be installed.

Solutions Overview



Project Requirements

VSP wanted to dramatically decrease its energy expenditure by shutting down corporate PCs across the enterprise when they were not needed. But it wanted to be able to power up PCs for software distribution as and when required, with:

- Reduced energy spend and desktop support costs
- Scheduled PC shut-downs and wake up
- Increased user productivity
- Activated machines only when necessary
- Increased software distribution success

Solution

VSP chose WakeUp™ and NightWatchman® from 1E specifically for:

- Scheduled PC shut down
- Scheduled PC wake up
- Guaranteed patch success
- Energy savings
- No interruption to users

Benefits

- 85% of workstations powered down at night
- \$145,000 per year saved
- Software distribution success increased from 75% to 95%



- In phase two, lightweight desktop client, NightWatchman, was distributed to the enterprise using SMS. Once installed, NightWatchman would enable the IT team to power down all machines centrally, preventing them from being left on overnight. NightWatchman saves any open work on the desktop, preventing data loss and user frustration.

The installation of these solutions gave VSP the power to shut down and power up PCs at scheduled times. VSP's main requirements were to have the power to shut down non-critical PCs at scheduled times to save energy and hardware life (for example during evenings and at weekends), and then to power them back up at the start of business, preventing lost productivity during boot-up time. Furthermore, the company would now have the power to turn PCs on during off hours to guarantee that patches were applied to every one of the machines in their desktop population.

The benefits

Previously, VSP had to leave its machines running overnight and over the entire weekend. With Power and Patch Management from 1E, VSP can carry out all of its software and patch distribution in less than an hour, and power down the machines for the rest of the time. The energy savings and emissions reduction are huge.

As well as energy savings, VSP has experienced a significant increase in software distribution success rates, which have risen from 75% to nearly 95%. This improvement has cut desktop support costs by reducing the number of workstation visits required when package deliveries go wrong. This has in turn had a positive impact on service levels and user confidence. After six months of monitoring phase one, VSP experienced the following benefits:

- 85% of workstations powered down at night
- Over \$260 a day in savings
- \$45,000 savings over six months
- A total of approximately \$90,000 (extrapolated) will be saved in one year

Phase two benefits are projected to deliver:

- A further \$55,000 in energy savings
- An estimated \$63 equivalent in extended hardware life per PC per year
- Total savings of \$145,000 per year



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 14 million licenses deployed world-wide, over 1100 organisations 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 \$530m in energy costs alone, cutting CO₂ emissions by 4.3 million tons. We have many imitators, but there is only one 1E.

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