



Verizon Wireless commits to a “greener” solution

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With a commitment to driving down its energy costs, Verizon Wireless deployed a range of technologies, including SMS Patch Management Pack (now known as Power & Patch Management Pack) from 1E, across 63,000 managed machines within an infrastructure of 88,000 PCs for its USA call centers. The result is better power management, savings of \$1.3 million per year and no compromise on performance.

Customer profile

Verizon Wireless operates one of the United States' most reliable wireless voice and data networks, serving 65.7 million customers. The largest US wireless company and largest wireless data provider, based on revenues, Verizon Wireless is headquartered in Basking Ridge, NJ, USA, with 80,000 employees nationwide.

The challenge

Verizon Wireless runs several call centers across the country, providing service and support for its customers. These run advanced communications software and systems which are constantly monitored to ensure they offer the best solution for the company and its customers.

As part of a growing awareness of the benefits of reducing energy consumption, Verizon Wireless made a commitment to deploy a range of technologies specifically designed to provide a “greener”, lower energy solution, without compromising on performance or reliability.

“At Verizon Wireless, we view going “green” as important, not only for the environment and our business, but also for our customers,” said Ajay Waghray, Chief Information Officer at Verizon Wireless. “Energy-saving initiatives make us more efficient and enable us to provide improved products and services for our customers.”

The solution

Bringing down energy costs requires changes at many points within a system. Part of the drive to be “greener” involved the installation of thin client workstations from Sun Microsystems, which require less energy to run than a household light bulb. This move was enhanced by the deployment of the Power & Patch Management Pack from 1E, which comprises two powerful technologies; SMSWakeUp™ (now known as 1E WakeUp™) and NightWatchman®, to enable a single solution for 100% successful patch management and reduced power usage. 1E WakeUp powers on all PCs that are asleep or shut down for successful deployment of updates or patches, and also increases the speed at which software can be distributed and deployed. NightWatchman reduces the power consumed by PCs by automatically powering down entire networks according to defined criteria. It also ensures successful patching with safe reboots, saving open documents without user intervention prior to shut down.

“1E was delighted to be involved in this project. We know from our customers that energy efficiency can make a major contribution to an organization’s bottom line, particularly in the field of desktop computing,” explained Sumir Karayi, Chief Information Officer of 1E. “Using software such as NightWatchman and 1E WakeUp, IT infrastructures can be kept up-to-date while maximizing savings. NightWatchman also provides high-speed, detailed reporting of current and potential energy savings, enabling organizations to closely monitor their performance against existing energy saving policies and determine the most appropriate ones for the future.”

The benefits

Verizon Wireless rolled out the 1E Power & Patch Management Pack on 63,000 managed desktops companywide, an initiative which has accounted for a 24 percent reduction in both PC power consumption and CO₂ emissions. With just a four-hour shutdown schedule per evening across the PC estate, savings are already US\$1.3 million per year across an installed base of 63,000 PCs. This equates to a reduction in carbon dioxide emissions of some 7,700 tons per year.

Future plans

Verizon Wireless is delighted with its actual and projected savings, which have been achieved with no disruption or performance cost. The company has plans to reconfigure its power management schedule to ensure a longer shutdown period. This will translate directly into even greater savings in cost, CO₂ emissions and energy consumption.



Testimonial

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Ajay Waghay, Chief Information Officer,
Verizon Wireless

Solution overview

The Project

Verizon Wireless deployed the Power & Patch Management Pack across 63,000 managed machines within its 88,000 PC infrastructure. The result is better power management, savings of US\$1.3 million per year and no compromise on performance

Project Requirements

- Reduced energy consumption
- Better power management
- Advanced technology

Solution Summary

- Power & Patch Management Pack, comprising 1E WakeUp and NightWatchman
- Thin client workstations from Sun Microsystems

Key Benefits

- Significant cost savings - \$1.3 million per year
- Better control of desktop power management
- Faster, more secure patch deployment

About 1E

1E is a global Windows Management software and services company. Our expertise in providing leading-edge automation solutions, which reduce complexity, management costs and power consumption, has earned us the trust and confidence of more than 12 million users in over 1,000 organizations across 42 countries worldwide. Customers include Allstate Insurance, Blue Cross, British Airways, Dell, HSBC, Marks & Spencer, Microsoft, Nestlé, Reed Elsevier, SABMiller, Syngenta, US Air Force on behalf of the Pentagon, Verizon Wireless and Visit Britain.

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