



# Top Marks for East Berkshire College on Saving £12,000 per Year in Energy Costs

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## Customer profile

East Berkshire College is one of the largest Further Education colleges in the south east. It has two campuses, one in Langley (near Slough) and the other in Windsor. Between them the two campuses offer training and learning to nearly 12,000 students, who study a wide range of both academic and vocational subjects. The College serves a very diverse community drawn from the local and wider regions and participates in local and community projects.

## The challenge

The College's IT department manages around 1,600 desktop PCs across the two campuses which are accessible to staff and students between 8am and 10pm every day. Variable work schedules and environments - such as classrooms, offices and libraries - mean it can be hard to predict computer usage, with some computers used intensively for short periods then left idle for many hours, often overnight, while others are used briefly but frequently throughout the day.

"We keep an eye on costs at all times and recognise that reducing energy consumption lowers our emissions as well as our bills," says Mark Chinery, IT Project Supervisor for Workstations and Standards at East Berkshire College. "We needed a way to manage these costs without compromising access to PCs, and without hampering our ability to run regular maintenance and patching processes."

## Solutions Overview

### The Project



**East Berkshire College**

A diverse user population at East Berkshire College made PC utilisation hard to predict, but Power and Patch Management from 1E has added control and transparency to energy consumption and patch management.

### Project Requirements

- Manage variable desktop PC usage in different environments
- Monitor and reduce energy consumption
- Improve patch management

### Solution Summary

- Power and Patch Management, comprising WakeUp™ and NightWatchman®

### Key Benefits

- Straightforward installation
- Instant, detailed energy usage reporting
- 168 tons CO<sub>2</sub> saved per year
- Savings in excess of £12,000 per year
- Better IT planning and management



## The solution

The IT department began to research possible solutions, quickly concluding that 1E software solutions offered the ideal combination of features. "Power and Patch Management includes both WakeUp and NightWatchman, which between them offer a way to shut down idle PCs in a safe and controlled manner, then reboot them for patching overnight so maintenance always completes successfully," explains Mark Chinery.

"This simultaneously lowers our energy consumption and improves the effectiveness of our maintenance activities, giving us greater control over PC performance, as well as lower bills." With support from 1E, Mark Chinery installed Power and Patch Management across a pilot of 20 PCs and benchmarked energy consumption. Over two weeks he gathered enough information to show that the impact of the 1E tools was a drop in energy consumption by a third. On this basis, the products were rolled out across the entire PC estate.

## The benefits

"1E offers technical competence and a thoroughly professional service, so installation was straightforward and issues dealt with promptly," says Mark Chinery. "Disruption to users was minimal and most haven't even noticed that anything's been done – we've even had to retrain some people not to turn PCs off at the mains so patching can continue normally!" Via its effective reporting capability, NightWatchman has enabled the college to see that it has reduced energy consumption by the equivalent of 168 tons of CO<sub>2</sub> per year, amounting to total annual savings of over £12,000. "This level of information enables us to benchmark energy usage and make more accurate future projections of costs and savings," concludes Mark Chinery. "We're working with 1E to define new features within their toolset and expect to be using their software for many years to come."

## 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 CO<sub>2</sub> emissions by 4.3 million tons. We have many imitators, but there is only one 1E.

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