



Devon and Cornwall Constabulary Puts NightWatchman on its Green Agenda

Deployed by 1E as part of a Devon and Cornwall Police and SunGard Public Sector Facilities Management ICT project, the solution delivers a more robust IT infrastructure plus reduced power consumption proving a winning combination for Devon and Cornwall Constabulary.

Customer profile

Located in Middlemoor, Exeter, Devon and Cornwall Constabulary (DCC) is responsible for tackling crime and ensuring public safety across the south-west corner of England. It covers the largest geographical police area in England, extending 180 miles from the Dorset and Somerset borders in the east to the Isles of Scilly in the west, taking in the needs of both rural and urban communities. During summer, the tourist season swells the population from 1.5 million to 8 million, presenting a unique set of challenges for the Force. While key administrative functions are based at Exeter, DCC comprises over 100 sites, from major departments within towns and cities through to remote rural locations.

The challenge

As part of a continuous review of its technical infrastructure, DCC decided to upgrade its application deployment solution. An earlier strategic decision meant that DCC had implemented a Microsoft operating environment and with an existing licensing agreement the Force naturally turned to Microsoft to discuss the project to upgrade from SMS 2002 to SMS 2003. Microsoft recommended its partner company, 1E, for its track record and focus on large-scale infrastructure projects, to assist DCC in their upgrade project.

The solution

By listening carefully to DCC's requirements, the 1E team was able to prepare a detailed proposal based around the deployment of SMS 2003. The team also explained the capabilities of NightWatchman®, a flexible power management tool which significantly reduces the power consumed by PCs. Centrally controlled, it ensures successful patch deployment and can put systems into hibernation or standby, enforcing security and power management protocols.

Solutions Overview

The Project

Deployed by 1E, a more robust IT infrastructure plus reduced power consumption proved a winning combination for the Devon and Cornwall Constabulary.



Project requirements

- Force-wide, multi-site upgrade to core infrastructure
- Improved software consistency and quality
- Flexible, non-intrusive power management
- Reduced power consumption

Solution summary

- SMS 2003
- NightWatchman®

Key benefits

- Standardized platform and software across the Force
- Optimum benefit derived from established agreements
- Easier management and improved security
- Significant savings from reduced energy consumption



When the SMS Upgrade Business Case was being compiled, the DCC ICT department expected the project would be perceived as routine maintenance and unlikely to take a high priority in the program. After the investigation into the NightWatchman product, however, the ICT department identified that potential energy savings over a number of years could recoup the cost of the entire SMS implementation, and added desktop power-off to the overall business case. This decision made the business case far more compelling and the project was quickly authorized.



The benefits

To minimize disruption to users, the project implemented a passive rather than active policy, whereby machines are powered down only once log off has occurred. It was also configured to improve log on speeds, in parallel with an education program which explained the importance and benefits of energy conservation.

The deployment was a complex but well-managed process over an 18-month period, extending across the entire Force of some 7 thousand users. As a result of using the 1E solution to implement SMS 2003, patches and some application deployments have already taken place and the deployment of future projects within the Force Program is now possible. The DCC Green Agenda was successfully launched immediately prior to the introduction of NightWatchman, and the desktop power down became one of the first major green initiatives to be achieved. Power saving measurements recorded up to December 2007 show that the Force could save up to £90k per year.

Future plans

The work completed by 1E in partnership with DCC and SunGard Public Sector FM has created a more robust and standardized application deployment platform for the Force, opening up increased potential for future growth. Upgrades to office automation systems, and the use of 1E tools to manage routine applications and processes may also be considered in the future.

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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