

# Who saves the College £5000 per annum in power costs & approx 25 tons CO<sup>2</sup> in emissions



we do™

As Dorset's leading College of the Countryside, the mission for Kingston Maurward College is to provide inspiring and challenging education and training opportunities to equip their learners with the knowledge and skills to succeed in life and work. The beautiful 300-hectare (750-acre) college estate includes a commercial farm, laboratories, library, practical training areas, workshops, computer-aided learning resources and an animal care unit.

In summary the key issues were:

- *How to reduce server sprawl yet easily scale the server infrastructure when required?*
- *How to better utilise our servers whilst ensuring our users have high availability of the applications they need?*
- *How to reduce costs in terms of hardware procurement and energy consumption?*
- *How do we simplify the management of our servers and with it our DR strategy?*

Working closely with Deverill consultants the College implemented a virtualisation solution utilising the Enterprise edition of VMware's ESX Server the HP C3000 Blade System and an HP Storage Area Network.

The 8 day project was completed on time and to budget with a strong emphasis on knowledge transfer to Kingston Maurward IT personnel from Deverill's VMware and HP accredited Consultants. This close partnership approach ensured that once completed the Kingston Maurward IT Team were well placed to support and develop the environment into the future.

An independent consultant estimated that this reduction in hardware resulted in power and cooling savings of approx £5000 per annum and reduces CO2 emissions by approx 25 tonnes per annum.

Darrell Hounsome (the ICT manager at Kingston Maurward College) says: "It's rare for an IT project of this size to go this well, however it was completed on time, within budget and with no problems what's-so-ever. I believe that the close working partnership formed between Deverill and the team here was a major contributor to its success."



## The college now benefits from:

- ✓ **Lower operating costs**
- ✓ **Reduced floor space requirement**
- ✓ **Reduced systems management time**
- ✓ **Higher systems availability**
- ✓ **Meeting targets to reduce carbon emissions.**
- ✓ **Low Cost DR Strategy**

Adam Dunford (the Network Administrator at Kingston Maurward College) says "The quality of the Deverill Consultancy team was brilliant, their attention to detail, expert knowledge and their commitment to the highest levels of customer service were evident throughout the whole project."

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