

Faronics Power Save and the Faculty of Information Technology at King Mongkut's University of Technology North Bangkok

CASE STUDY



Background



King Mongkut's University of Technology North Bangkok (KMUTNB) is a leading technology university in Thailand. There are two campuses located in the north of Bangkok and in Prachinburi Province. The Faculty of Information Technology operates on over 185 PCs and approximately 20 servers in an all Windows environment. This faculty provides various curriculums to the graduate students, from master degrees to doctoral degrees. PCs are used at the university for professors and students.

Problem

The faculty did not have an existing centralised PC power management plan, so all computers were shut down manually at the users' discretion. It was common for computers to be left on overnight and over the weekend. The faculty knew that if they could find a flexible strategy to power down computers during periods of inactivity, they could potentially save a significant amount of money, and energy.

Green IT initiatives have been gaining continual interest in Asia over the last few years, with particular focus on 'greening' data centres. However, industry analysts, such as Gartner and Forrester, estimate that over 40% of IT costs come from the power consumption of PCs, and that most companies use at least as much energy powering their PC fleets as they do running data centres.

Solution



The faculty was introduced to Faronics Power Save through United Business Solutions (UBS), a channel partner in Thailand, and was immediately impressed.

Power Save dramatically reduces an organization's operating costs by eliminating unnecessary computer energy consumption. Power Save keeps computers running when users need them, powers them down when they are inactive, and can prove its rapid return-on-investment through energy savings reports. Power Save is also non-disruptive - it analyzes CPU, disk, network, keyboard, mouse, and application status before taking power management actions. The university initially tried Power Save as a one-month free evaluation, and was instantly impressed by the comprehensive reporting capabilities. By running the Audit mode, they were able to determine potential savings without affecting workstations and understand the ROI of implementing this power management solution.

Any hesitation the university initially experienced was quickly dismissed when they discovered the ease of the deployment via the Faronics Core Console. The installation was completed within two days for all 188 PCs with the help of one professional engineer who worked with the IT administrator. The Faronics Core is a powerful and flexible platform for enterprise deployment and management capabilities for all Faronics solutions. With the help of Power Save's Power Plans, they can customize different levels of energy management for specific days of the week, and for different times of the day.

Many organizations using Power Save utilize a daytime Power Policy that employs moderate energy saving actions, and an aggressive Power Policy for the weekend. The faculty has opted for a plan that turns off monitors after 15 minutes of inactivity, while standby PCs are turned off within 30 minutes of inactivity. The university is now saving approximately 5,000 U\$ a year and over 42,000 Kwh per year



Key Benefits

Energy Savings

- Significant reduction in computer energy waste and costs.

Simplified Deployment

- Deploying Power Save couldn't be easier thanks to the help of Faronics central management platform, Faronics Core

Customized Energy Management

- Power Save's Power Plans allow organizations to customize different levels of energy management for specific days of the week, and at different times of the day



www.faronics.com

Faronics' solutions help organizations increase the productivity of existing IT investments and lower IT operating costs. Incorporated in 1996, Faronics has offices in the USA, Canada, and the UK, as well as a global network of channel partners. Our solutions are deployed in over 150 countries worldwide, and are helping more than 30,000 customers.

SINGAPORE

20 Cecil Street, #104-01,
Equity Way, Singapore,
049705
Phone: +65 6520 3619
Fax: +65 6722 8634
Email: sales@faronics.com.sg

CANADA & INTERNATIONAL

1400 - 609 Granville Street
P.O. Box 10362, Pacific Centre
Vancouver, BC, V7Y 1G5
Phone: +1-604-637-3333
Fax: +1-604-637-8188
Email: sales@faronics.com

PLEASANTON, CA

5506 Sunol Blvd, Suite 202
Pleasanton, CA, 94566 USA
Call Toll Free: 1-800-943-6422
Fax Toll Free: 1-800-943-6488
Email: sales@faronics.com

EUROPE

8 The Courtyard, Eastern Road,
Bracknell, Berkshire
RG12 2XB, England
Phone: +44 (0) 1344 206 414
Email: eurosales@faronics.com