



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

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Intelligent Solutions for **ABSOLUTE** Control

[www.faronics.com](http://www.faronics.com)

Tel: 1-800-943-6422 • Fax: 1-800-943-6488

Tel: +1-604-637-3333 • Fax: +1-604-637-8188

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## Faronics Power Save and King Mongkut’s University of Technology North Bangkok

### 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 centralized 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 centers. 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 centers.

### 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



#### 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.

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 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 US\$ a year and over 42,000 Kwh per year.



Faronics' solutions help organizations increase the productivity of existing IT investments and lower IT operating costs. In today's economic climate of increasingly tightened budgets, continuous market pressure, and more work to do than time available, this is critical.

With a well-established record of helping organizations manage, simplify, and secure their IT infrastructure, Faronics makes it possible to do more with less by maximizing the value of existing technology.

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.

## Contact Us

**Address: USA**

2411 Old Crow Canyon Road, Suite 170  
San Ramon, CA 94583 USA  
**Phone:** 800-943-6422  
**Fax:** 800-943-6488

**Canada & International**

609 Granville Street, Suite 620  
Vancouver, BC V7Y 1G5 Canada  
**Phone:** +1-604-637-3333  
**Fax:** +1-604-637-8188

**Web:** [www.faronics.com](http://www.faronics.com)  
**Email:** [sales@faronics.com](mailto:sales@faronics.com)  
**Hours:** 7:00am to 5:00pm (Pacific Time)

**Europe**

Siena Court, The Broadway  
Maidenhead, Berkshire, SL6 1NJ UK  
**Phone:** +44-1628-509008  
**Fax:** +44-1628-509118  
**Email:** [eurosales@faronics.com](mailto:eurosales@faronics.com)

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