



**Faronics Power Save and the
School District of the Chathams**

Case Study
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Faronics Power Save and The School District of the Chathams

Background

The School District of the Chathams is a regional public school district serving the students of Chatham Borough and Chatham Township in Morris County, New Jersey, United States.

They have approximately 500 employees and 3900 students in their district with a total of 58 active servers on the network (21 are physical servers). Roughly half of the physical servers are VMware hosts that run multiple virtual servers while the other half are physical servers because they are not good candidates for virtualization.

Problem

Because energy usage by computers is not itemized individually, many school districts, like the School District of the Chathams, do not realize the extensive amount of electricity used by their PCs. John Abdelmalak, Director of Technology knew that reducing PC energy consumption would save the school district a significant amount of money.

Solutions They Tried

Abdelmalak originally tried to enforce a policy where computers were powered on only when they were needed, but the results were less than positive. “The reality was that the computers were being left on overnight more often than not,” claimed Abdelmalak.

Abdelmalak also tried using Altiris Deployment Server to shutdown machines, since they were already using it as a desktop management solution. They attempted to schedule a 4pm shutdown for all school computers, but this failed to take into account when a user was actively using a computer. “We had to push the time back to 10pm to ensure nobody would be using the computers at that time which meant that if a computer was left on after school it would remain on and using electricity until 10pm when it would be shut off,” said Abdelmalak. “The solution also relied on Wake-on-LAN, so if we had any issues with WOL the computer would shutdown as soon as it was turned on in the morning which was problematic.”

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A Solution That Worked

The school district first learned of Faronics Power Save through direct mail and immediately saw an opportunity. They quickly tried the demo on the workstations and were so impressed by the power consumption reports that they instantly deployed it on all their Windows workstations.

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One of the key features of Power Save is the ability to personalize and schedule shutdowns. Thanks to this feature, Abdelmalak has now scheduled and customized the majority of the district’s computers to shutdown after two hours of inactivity.

Abdelmalak was also pleased with the service at Faronics. “Dealing with our Faronics sales representative and technical support has always been a positive experience. We appreciate that Faronics takes suggestions from its customers which help create newer and better versions of the product,” said Abdelmalak. “In the nine month time frame that we have used Power Save the software has already been improved considerably.”

Any hesitation experienced from staff was quickly dismissed when they learned the benefits of PC power management. Not only has the district increased their energy efficiency, but they have prevented unnecessary spending on utilities that would otherwise be cut from other programs.

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Because of the way the district’s energy consumption is billed, the most accurate way for the school district to determine the savings was to compare a monthly electric bill with the same month in the previous year. The results are already significant and the district can’t wait to be able to compare an entire year’s worth of energy and dollar savings.

Like many organizations focused on sustainability, PC power management was just one of a variety of green initiatives enjoyed by the district. Other initiatives included a server consolidation and server virtualization. Virtualization allowed them to remove over 50% of their servers and reduced the cooling requirements in their data center allowing them to shutdown one

HVAC unit that had previously been running 24/7.

“All of the projects including Power Save have had a significant impact on our green efforts,” said Abdelmalak. By employing green projects, like the adoption of a dedicated PC power management solution, the district is not only helping the environment, but they are sending a strong message to future generations of students.



Faronics
POWERSAVE™

What is Faronics Power Save?

Faronics Power Save delivers desktop computer energy management that can be managed enterprise-wide and is non-disruptive to user or IT processes.

Key Benefits

- Intelligent PC power management
- Non-disruptive to user or IT processes
- Power consumption and savings report
- Audit Mode enables measurement & verification
- Override operating system power management
- Deployed & managed through Faronics Core
- Windows & Mac OS X support

About Power Save

Power Save provides PC power management that ensures workstations are available when system resources are required, while conserving power during productivity downtimes.

Power Save provides organizations with real financial and energy savings on every computer deployed, as well as centralized workstation power status control. Plus, Power Save is environmentally responsible and offers a complete return on investment within the first year of deployment. Since Power Save is an energy-saving technology, it can qualify for rebates from local utility or government organizations. Advanced features include savings reports, policy scheduling, and customizable activity settings based on CPU, disk, network, and application activity.



With a well-established record of helping businesses manage, simplify, and secure their IT infrastructure, Faronics makes it possible to do more with less by maximizing the value of existing technology. Our solutions deliver total workstation reliability, complete system control and non-disruptive computer energy management. 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 organizations.

Contact Us

Address:

Canada & International

609 Granville Street, Suite 620
Vancouver, BC V7Y 1G5 Canada

Phone: +1-604-637-3333

Fax: +1-604-637-8188

Email: sales@faronics.com

Web: www.faronics.com

Hours: 7:00am to 5:00pm (Pacific Time)

USA

2411 Old Crow Canyon Road, Suite 170
San Ramon, CA 94583 USA

Phone: 800-943-6422

Fax: 800-943-6488

Europe

Siena Court, The Broadway
Maidenhead, Berkshire, SL6 1NJ UK

Phone: +44-1628-509008

Fax: +44-1628-509118

Email: eurosales@faronics.com

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