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Climate Savers Computing Members Collaborate on Power Management Standards Guide

Reference document offers guidelines and recommendations to achieve Standby (S3) state reliability

SAN RAMON, CA, February 17th, 2010 — Faronics and the Climate Savers Computing Initiative announce the release of the Power Management Systems Design Guide that addresses general design principles for making power management faster and more reliable.

Climate Savers Computing is a global nonprofit committed to reducing IT related energy consumption. The Power Management Systems Design Guide, available at www.climatesaverscomputing.org, addresses specific reliability challenges of sleep state standby (S3) technology and offers instructions on how to build energy-efficient, power-managed client platforms that will result in a positive user experience. Members of the Climate Savers Computing Power Management Workgroup, which is comprised of technology industry leaders, collaborated and led the development of the new design guide that aligns with power management standards.

“The collective effort of this guide validates the acceleration of the industry landscape, where environmental responsibility and energy consumption management continue to transcend into design reference,” said Dmitry Shesterin, Vice President of Marketing, Faronics. “This united undertaking will contribute not only to the proliferation of intelligent computer power management but will also result in a substantial positive environmental impact with significant financial benefits.”

Members of Climate Savers Computing have identified and removed obstacles to the adoption of power management in the desktop and notebook computer marketplace. Technical barriers addressed in the Power Management Systems Design Guide include networking protocol and hardware and software latencies – the solutions adhere to the forthcoming Ecma Network Proxy Standard.

“Climate Savers Computing allows technology competitors to collaborate to build industry-wide efforts that positively impact both technology and behavior,” said Pat Tiernan, executive director of Climate Savers Computing. “By offering solutions to various technical issues, we hope the design guide will lead to an increased deployment of computer power management across the board, with improved designs leading to greater consumer adoption.”

Adopting power management can generate computing energy savings up to 60 percent without impacting productivity or performance. Implementing power management allows a desktop or laptop to quickly transition in and out of a lower energy state, consuming as little as three to five watts of power versus more than 50 watts when left in the Idle state.

“The Power Management Design Guide provides a platform-level, reliable power management solution blueprint for client OEMs, ODMs, component manufacturers and SW developers. Release of the guide is also synergistic with the upcoming release of Ecma’s Network Proxy Standard,” said Lorie Wigle, president of Climate Savers Computing. “Together the two efforts will accelerate the industry adoption of networked power management. The guide is a strong demonstration of the IT industry collaborating on standards and specifications in order to collectively move the industry toward greater energy efficiency.”

The design guidelines are recommended by Climate Savers Computing to make power management faster by improving a computer’s Sleep reliability and reducing latencies during Sleep and Resume cycles. Specific areas addressed in the Power Management Systems Design Guide include:



- S3 User Experience, Wake Mode and Latency
- System Recommendations for S3 Reliability
- Windows Logo Program Overview
- Network Proxy Ecma TC32-TG21 Standard
- ENERGY STAR v5.0
- General Design Principles for S3 Associated Hardware
- System Manufacturer Recommendations
- Implementing Power Management for USB Devices
- Reliability Testing and Tools for S3

Climate Savers Computing recognizes that the PC and the global information and communications technology industry account for approximately 2 percent of global CO2 emissions. As such, the organization considers computer energy consumption an appropriate and necessary target for energy conservation strategies.

About Faronics

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.

Faronics Power Save has been recognized by several industry analysts as a leader in the rapidly developing market of enterprise desktop power management. Faronics Power Save provides organizations with centralized computer energy management and real-time savings reports, allowing companies to continuously maximize their savings by powering IT down daily. Over 1,500 Faronics Power Save customers have already dramatically lowered operating costs by reducing their computer energy consumption. These savings equate to up to \$75,000 annually for every 1,000 computers. A free, fully functional 30 day evaluation version of Faronics Power Save can be downloaded from www.faronics.com for both Windows and Mac computers.

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.

About Climate Savers Computing Initiative

The Climate Savers Computing Initiative is a nonprofit group of eco-conscious consumers, businesses and conservation organizations dedicated to reducing the energy consumption of computers. More than 550 companies and organizations have joined the Initiative since its launch in June 2007, and thousands of individuals have pledged their support. The Initiative is led by CSC, Dell, Google, HP, Intel, Microsoft and World Wildlife Fund. Sponsors include IE, Acer Inc., Faronics, Fujitsu Limited, Hitachi Ltd., Lenovo, NEC Corporation, Symantec and Verdiem Corporation.

For more information and to pledge your support, visit <http://www.climatesaverscomputing.org>.

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MEDIA CONTACT

Kelly Batke (Communications Specialist)
800-943-6422 x 4441
kbatke@faronics.com