

Pano Green

Benefit Brief



Uses only 3% of the energy of a PC

- Same as a traditional PC turned off
- 80% savings over a traditional PC
- Less heat created means lower A/C costs
- Zero clients → no moving parts → longer upgrade cycle → less waste
- RoHS compliant

Whether driven by the need to help the environment or reduce company costs (or both), you may be surprised at the impact of the Pano Solution on the energy bill. The Pano Solution will provide more than an 80% energy savings over a traditional PC, even when including the additional energy used by the server.

Another energy related factor is whether to tell employees to turn off their PC's at night, or leave them on. A recent article (USA Today, 3/25/09) stated that \$2.8 billion was spent by companies on electricity for PCs left on overnight — \$2.8 billion down the drain with no value in return. However, if employees shut down their PCs at night, their data may not be available for scheduled backed-ups, which is not conducive for business continuity. Second, they can then spend 10–20 minutes per day shutting down and starting back up the following day, conservatively costing a full work week per year.

The Pano Solution is always on and always available. No energy wasted and no time lost shutting down or booting up.

Excerpt from University of Maryland Case Study

At the University of Maryland they estimate a 75% savings on their electricity bill due to the Pano Solution. They have a lab on the top floor of a building where the air conditioning was constantly running to maintain a temperature of 72 degrees Fahrenheit all year long to offset the heat produced by the traditional PCs. Now, with a lab full of Pano devices, the thermostat has been adjusted to run at 74 degrees during the day and 78 degrees at night — a much more comfortable temperature for everyone.

During the summer months, Cunningham (Jeff Cunningham, Director of Information Systems for the AREC department at the University of Maryland) estimates the savings on air conditioning alone to be almost as significant as the power savings itself.

For the full case study, please go to:

<http://www.panologic.com/partner-portal/downloads/customer/university-of-maryland-case-study.pdf>.