eco² Prime

Manageable Desk Power Supply

Millions of tons of CO^2 are wasted due to PCs and peripheral equipment being left on when the user is away from the workstation. It is possible to save up to 60% of the consumed electricity from a single workstation. **eco²** features a unique interface between the power supply and a PC.

It couldn't be simpler!

Leaving PCs and peripheral eqipment switched on costs you and the environment.

Even a modern PC uses over £100 in electricity left on every night of the year. Multiply that by your PC population and you're talking a lot of money.

eco² utilises unique sensing technology to access if the user is at the workstation and if so, if the equipment is being used. **eco²** simply isolates the peripheral sockets if there is no activity at the workstation thus reducing standard consumption from around 75-150w to 4w.

The essential Desk Power Supply (eco² Prime)

The relationship between the prime hardware and the unique software uses the signals generated by the mouse and keyboard activity to indicate if the user is present at the desk or away.

After a preset time period the non-essential peripheral sockets will be isolated until signals are again detected, once the user is present these items are instantaneously powered for use.

The Microsoft compatible software will control the power consumption of the PC to enable the entire desk to be powered down.

THiNKFURNiTURE™

It’s easy to switch off.

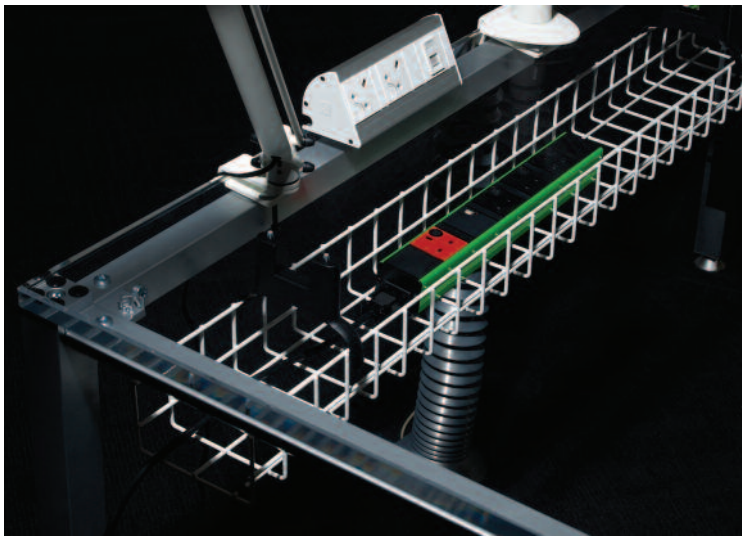
Start saving today.

Typical Desk Equipment	Average Power Consumption	Consumption In Inactivity	Consumption In Standby
PC	75W	75W	4W
Monitor	30W	0W	0W
Desk Lamp	20W	0W	0W
Phone Charger	5W	0W	0W
Total Saving Potential 0.252kw hours - 2 hrs away 9 hr day	Total Saving Potential 1.89kw hours -15 hr away /out of office 9 hr day	Annual Potential Saving based on 10p/kw hours	£78.00 Annual Saving

The software/hardware interface creates 2 savings modes, the first is to isolate the peripheral sockets, ensuring that when you are away from your workstation the screen/lamp /chargers are completely isolated.

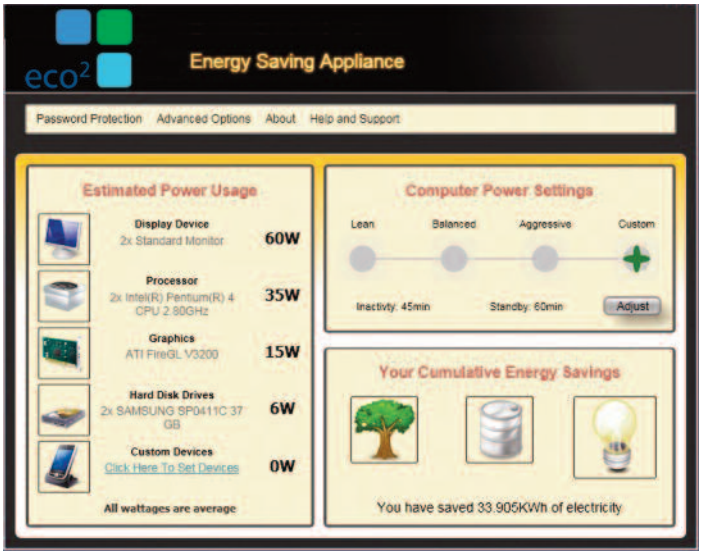
The second is to control the PC and to safely enable the power to be reduced from a standard consumption of around 75-150W to just 4W.

Both modes are activated via activity of the mouse and keyboard. The unique sensor is connected via a USB lead into the PC and is set to monitor these signals.



Product Spec

- Unique software dashboard displays estimated accumulative energy savings in Kwhrs & CO2
- Existing standby functions are enhanced with software exemptions and wake up protocols
- Programme is automated and operates from start-up with a memory consumption of just 3Mb (once initially installed)



Network Installation & Reporting

- Network deployable with a network settings tool + report processor (deployed via M.S.I)
- Settings are controlled centrally with savings data reported to both administrator and user
- Data is reported in an easy to read spreadsheet which enables the client to access groups of the entire domain for savings stats
- Isolating and controlling equipment in this new way has additional environmental benefits e.g. less heat generated from PC’s so less air conditioning, etc.
- **Potential Savings Payback between 1-3 yrs**

eco2 xpress

USB Sensing not possible?

Perfect for the environment where the USB sensing is not possible, the eco2 xpress uses a power sensitive master power socket to then control the peripheral sockets.

The master socket will sense when the PC/laptop/thin client is turned off so as soon as the watt level drops below the threshold, the power to the peripheral sockets will be turned off. Once the power then increases the rest will be restored. This can ensure that lamps /screens /chargers are not left on during out of office hours.

The system is hardware based so no software required simply connect and save energy. Potential Savings Payback is 1-3 years with a much lower price entry level than eco2 Prime.

THiNKFURNiTURE™

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