

# Intelligent Solutions for Energy Saving in IT



**Easy ■ Secure ■ Automatic ■ Central**

**Professional PC Power Management**



# Central PC Power Management

...Saves Energy, CO<sub>2</sub> and Money - automatically

## Little effort, great effect

- Switch computers on and off on schedule or on demand

Studies show that in average 10% - 30% of all employees in each company forget to switch off their PCs after work or over weekends. In addition, most PCs are kept powered on during lunch times or long meetings. This leads to additional costs in sums of billions for just wasted energy and unwanted heat production.

Auto Shutdown Manager helps to prevent this waste - it analyses the usage of important system resources and manages the PCs power modes according to corporate policies. When needed, PCs are powered on automatically and powered down again, when no more in use.

This is all done with the user efficiency in mind, so in never interrupts users at work and it saves open documents prior to shutdown of PCs.

**Implementation of Auto Shutdown Manager pays off usually within the first 6 months**

## Auto Shutdown Manager saves costs

- The complete solution

A successful Green IT strategy should consider the demand for energy and the possible savings under comprehensive economic aspects. A acquisition of new PC hardware or shifting computing power from desktops to data centers - like done within the Thin Clients model - pays for itself often only - if at all, after many years.

In contrast, Auto Shutdown Manager helps easily and immediately to reduce energy costs and improves the administration by supporting network wide WoL and maintenance plans.

### ROI example for 500 office PCs

Assumptions:

1. Power Consumption per PC & LCD: 120 Watts
2. Price per kWh 0.14 €
3. 80% of the users regularly shut down their PCs before leaveing the office

This results in **annual savings** of **11,500 €**  
The license costs for Auto Shutdown Manager are only 1,498 €

**Auto Shutdown Manager reduces operational costs and increases efficiency**



## Easiest Installation and Operation

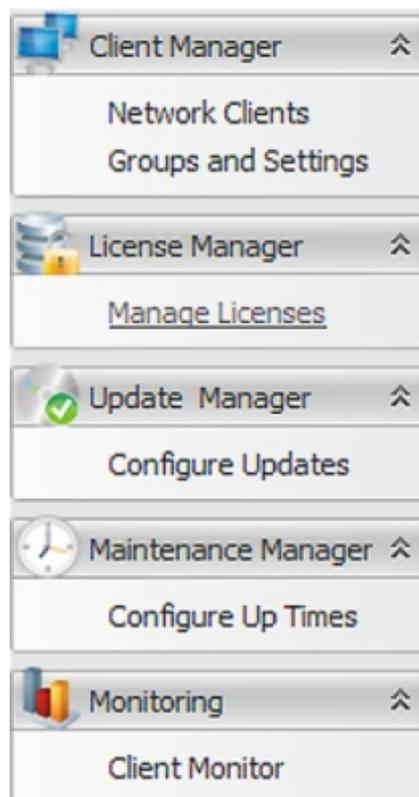
### - The central approach

- Central Deployment
- Central Licensing
- Central Configuration
- Central Administration
- Central Control
- Central Monitoring
- Central Reporting
- Central Updates

The Auto Shutdown Manager installation has already everything, what is needed for the configuration and operation on clients and servers.

No additional tools are needed.

The solution can be tested free for 45 days.



**Auto Shutdown Manager allows central deployment and management - highest efficiency and acceptance**

## Some of our customers:

- |                                |                                   |
|--------------------------------|-----------------------------------|
| ■ UC Berkeley University, USA  | ■ The European Schools            |
| ■ Berliner Umweltforum         | ■ University Osnabrück            |
| ■ BWZ Rapperswil - CH          | ■ Garibaldi College, UK           |
| ■ CMS Reich-Rohrwig Hainz - A  | ■ Herricks College NY, USA        |
| ■ CSV Vejle, Dänemark          | ■ HSR Hochschule für Technik - CH |
| ■ De Kleene Beer, NL           | ■ Landratsamt Böblingen           |
| ■ Deutsches Schifffahrtsmuseum | ■ Oceanic Institute Hawaii, USA   |
| ■ Die Kliniken Essen-Mitte     | ■ Siemens                         |
| ■ EADS                         | ■ St. Joseph College, Australia   |
| ■ Ercas Gruppe                 | ■ University Erlangen-Nürnberg    |



# Auto Shutdown Manager

## - Key features at a glance

- Detects and shuts down idle PCs and Servers - if wanted
- Operation in online and offline modes
- Can automatically reboot servers to increase stability
- Wakes up PCs for maintenance via a local timer or WoL / WoW
- Central: Deployment, Management, Licensing, Updates, Configuration, Control, On Demand Power Up/Down
- Integrated Management Console
- Intelligent Idle Analysis takes user, system, applications, network and many other activities into account to prevent unwanted shutdowns
- Intelligent Shutdown can select the best shutdown mode depending on weekday and day time
- Can enforce the shutdown / restart of computers - immediately or via central policies
- Saves open user documents before shutdown (Word, Excel, PPT, Outlook) and others
- Enables remote wakeup of desktop PC
- Saves Hardware, Energy, CO<sub>2</sub> and Money
- Command line support
- Settings are password protected
- Very easy handling
- Prevents screensaver during presentations
- Active Directory support
- Hidden operation on client PCs – no user trainings required
- Forced UP Time period during core business hours, maintenance tasks etc.
- Operates as Windows Service
- Dynamic operation mode for max savings and highest comfort
- Customizable messages
- Remote Shutdown, Standby, Hibernate, Restart, Log Off users of individual PCs or entire PC groups
- Remote Wakeup of single PCs or PC Groups via WoL or WoW (Wake on Lan/Wake on Wan). Supports Directed Broadcasts for inter-segment WoL
- Reporting into a central MS SQL database for further detailed analysis (possible but not required)
- Central report on company-wide savings of CO<sub>2</sub>, energy, operating hours and costs
- Encrypted network communication
- VMware aware: start/suspend virtual machines before shutdown or after restart of the host
- Supports Microsoft Windows 8/ 7 / VISTA/ XP / 2008R2 / 2008/ 2003 / 2000 / WHS / SBS in 32 & 64 Bit

Have a look at our free 45 days evaluation version at [www.enviProt.com](http://www.enviProt.com)

