



# Intelligent Power Management for Business

Saving power and money through your IT output has never been so easy

Power saving policies bundled with commercially available operating systems have significant limitations, including being intrusive for users of the device, as well as being difficult to manage and monitor. The solution is intelligent and highly customisable power management software that delivers 30% to 60% power savings.

**The solution is IPM+**



As used by:



## Decreasing power output reduces spend. It's that simple.

Reducing energy consumption isn't just an environmental responsibility for large organisations with a substantial carbon footprint, it's a simple way to reduce spending without sacrificing anything in terms of hardware performance.

IPM+ is easy to integrate and cost effective. It works intuitively with Windows and Linux operating systems to save power where it's not needed, without compromising efficiency.

### How does IPM+ work?

Using Patented Technology, IPM+ continuously monitors hardware components (monitor, CPU, GPU, HD, ports etc.), running applications and system processes, minimising power wastage.

### How it works during usage:

- Only the required hardware resources are on
- The hardware resources in use are in their optimal status. Why use 4 cores when 1 is enough?
- The transition from active to idle or active standby occurs as soon as it is safe to do so

### How it works during idle or active standby:

- Only the hardware resources that are required are kept on
- Any hardware resources which are on, are also in their lowest power consumption level

✓  
Windows  
and Linux  
compatible



IPM+ typically results in energy savings of 30-60%. Installed on every device in your organisation, imagine the financial savings?

## The features and benefits explained...

### ))) Patented fine-grained sensors

- Application sensors detect which applications are running
- Operating system kernel sensors detect which system processes are running
- Hardware sensors detect the status of each hardware component, including keyboard and mouse

### Highly customisable power saving schemes

- These can be defined and applied at group level or user level
- They can create and deploy policies specific for operating system editions and versions on the same network or group
- Allows adaptive processor speeds and switching off individual hardware components that are not in use

### Little or no impact on users

- IPM+ agents are lightweight and highly efficient with no measurable impact on performance or storage
- Policies are not applied if IPM+ detects running applications or network traffic
- Active standby keeps network connections alive and does not affect file downloads, print jobs or software updates

### Centralised management

- Dedicated Management Console to define, deploy, and monitor power policies down to individual users
- Each IPM+ agent has a built in power meter that measures power consumption of the machine in near real time
- The Management Console has compressive dashboarding, reporting and data analytics capabilities



IPM+ has been rolled out on over **5.2 million devices** worldwide

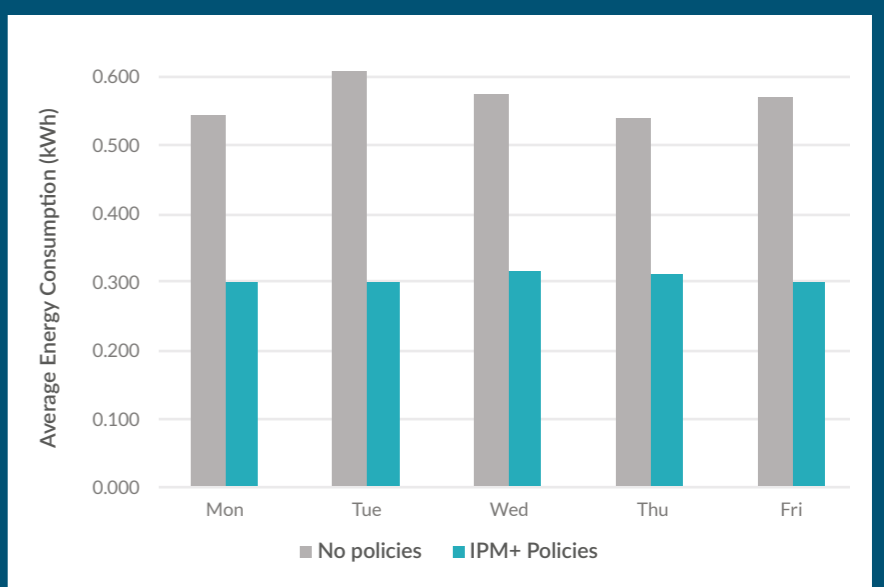
More than **860GWh** of energy has been saved by IPM+ to date worldwide

IPM+ has saved over **390,000 metric tonnes** of CO2 emissions - enough to save over **10 million trees** (to date worldwide)

## IPM+ in action

### Our proof of concept trials

The data on the graph opposite is from a recent proof of concept trial, comprising 175 laptops running Windows 8.x and 10. For this trial, IPM+ was configured with the **lowest** power saving policies.



Result:  
**40%**  
of energy  
savings



### State Bank of India

The total volume of energy consumed by the State Bank of India is significant due to its large infrastructural imprint across the country. IPM+ software was first implemented as a pilot project on 100 desktops and the bank quantified the energy savings to be approximately 40% of the total energy consumed.

Buoyed by the success of this initiative, the bank sanctioned the installation of IPM+ software for all desktops across India to a phased timescale. As of 31st March 2018, the bank has saved approximately 9.16 GWh of energy, corresponding to a reduction of 9,157 tCO2e emissions.

## Feature summary



Unified dashboard



Grouping & policy based power savings



Application sensors & context awareness



Non-intrusive power savings



Accurate software energy metering



Fine grain power management



IT asset discovery & event reporting



Powerful energy analytics for IT infrastructure



UPS, energy meter integration



Extensive reporting & analytics



Real time performance monitoring of IT infrastructure



Schedule based management, 1-click remote management, wake on LAN



Supports all Microsoft Windows based & Linux based OS



Easy to deploy & manage



**Example savings when IPM+ is used on 1000 PC's:**

**£25,000+** per annum

**88+ tonnes**

**CO2 emission per annum**

**168,000 kWh** per annum

(Based on devices running 8 hours per day, 20 days per month on 15p kWh tariff)

## Dashboard

With the intuitive dashboard, designated IPM+ admins can:

- Design, deploy and monitor power schemes and policies for users and user groups
- Analyse power scheme sustainability metrics and their impact
- View, analyse and download numerous parameter driven reports and sustainability metrics for different hierarchy levels of the organisation
- View actionable intelligence on all sustainability and energy related metrics that are critical to the organisation
- Assess green capabilities and diagnostics of the hardware devices involved

**Get in touch for a quote or more information:**

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