



How green are you?

At a time when equity markets are plummeting and the credit-crunch is biting the only thing you can guarantee to increase is green house gases and the costs of power! Never before has the focus on the environment and our responsibility to protect it been so evident and never before has the pressure to reduce our energy consumption to help the environment and reduce our costs been so critical.

Business is being bombarded in a number of directions.

As energy prices continue to escalate and the pressure to reduce our carbon emissions increases you'll not only be under pressure from your board to reduce energy costs, but also from central government to reduce your energy consumption.

We all like to think that we have full control of our infrastructure: We know what resources we have, we know how to monitor it and we know how to automate and proactively manage it to ensure a standardised delivery for our business.

But do you really have the grip on your assets that you think you have?

- Where is your energy being consumed?
- How are you measuring current energy consumption?
- How are you forecasting future energy requirements?
- What do your devices actually do?
- What spare capacity do your devices have?
- What business processes do the IT devices support?
- What SLA/OLA does the IT device relate to?
- Who is using your devices and when are they required?

As IT becomes ever more pervasive, the number of devices required to provide the services that you're obliged to deliver to the business, also increases.

This not only means additional power consumption for those devices but also additional cooling requirements and additional data centre space.

By understanding what your devices do, what spare capacity they have and what business processes the device supports could enable you to significantly reduce your overall IT spend and power consumption.

Furthermore armed with these statistics, you will be empowered to illustrate to the business their usage of the service and charge them accordingly.

Energy Consumption

Servers & IT Systems	45%
HVAC Cooling Systems	30%
UPS Failures	8%
Lighting	3%
DC equipment	3%
Other	11%



Get a grip on your assets

Whether you're in the public or commercial sector we're all under pressure to reduce costs and at the same time improve our services, adhere to increasing compliance demands and decrease our exposure to risk. By effective management of your IT Infrastructure – understanding what you have, what it's doing, how much energy it's using and which business applications it's supporting you'll not only have a firmer grip of your assets but through increased automation you'll improve efficiency and reduce costs.

Solutions to Understand

- **Tivoli Application Discovery Dependency Manager** to discover all your IT-enabled equipment and to understand the relationships and dependencies between them.
- **Tivoli Service Request Manager** to manage all your end-user and customer requirements including requests, incidents, change and release management and asset management.
- **Tivoli Storage Management & Virtualisation** solutions to monitor and report where your data is stored, how quickly that data is growing, how it is used and the type of data it is.

Solutions to Measure & Report

- **IBM Tivoli Monitoring** to monitor power consumption, system utilisation and environmental information – providing you with current and historical data and suggested forecasts.
- **Tivoli Usage & Accounting Manager** to report on the power consumed, when it was consumed, and the aggregated cost of that power – allocating those costs to the areas of the business that have used it.
- **Tivoli Composite Application Manager** to monitor IT application service response times and report against their SLAs and other objectives.

Solutions to Automate

- **Tivoli Workload Scheduler** to manage all batch processing on the most available resources and to automate the powering down of non-utilised IT systems.
- **Tivoli Provisioning Manager** to re-provision IT systems to support business and services requirements and to ensure that IT systems are fully utilised.
- **Tivoli System Automation** to automate the shutdown/restart processes of IT systems, applications and servers & to ensure that business processes are supported by appropriate IT resources.

Portal Partnership has over 12 years experience of delivering proven solutions based on IBM technologies – delivered by certified consultants that understand your business requirements and the best way in which to resolve the challenges that you are facing.

For more information on how we can help you to succeed call us on the number below or visit our website today.

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