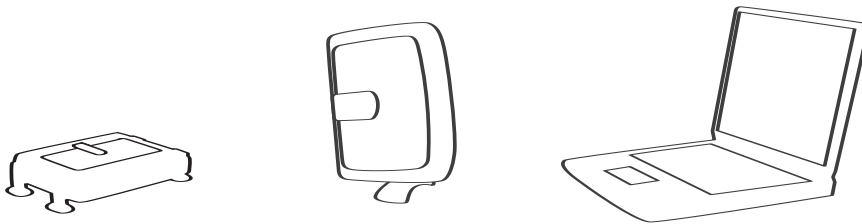


WYSE  
| | | |

# Green Computing IT's time for Action



Thinner. Greener. Better Computing.

EarthSmart Computing™



# Take action **now...**

UK businesses and organisations are under increasing pressure to reduce their emissions and operational impact on the environment. Whether short or long term this is no easy challenge especially while staying competitive, delivering efficiencies and managing costs.

And with the proposed UK Climate Change Bill calling for carbon dioxide emissions to be reduced by 60% by 2050 and by at least 26% by 2020, the time for everyone to take action is now.

Deploying a greener, efficient and more cost effective computing technology has a major role to play.

**Right now Wyse Thin Computing is delivering on these key requirements. It's proven, robust and reliable.**

**Read on to find out more...**



# ...with Wyse Thin Computing

Today, IT features everywhere in the workplace. So much so that power for IT equipment is estimated to account for 2% of global carbon dioxide emissions. Incredibly that's a figure equivalent to the aviation industry.

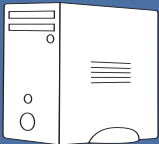
A significant contributor to these emissions is the common desktop PC. Ever increasing hardware performance and software demands leave IT managers with little or no choice but to buy the most powerful PCs they can afford. As a result, most PCs in business only use 5-15% of their processing power and waste the majority of the electrical energy they consume.

Fortunately there is a better way: Wyse Thin Computing replaces PCs with energy efficient Wyse 'thin clients'.

These small, silent, cool running devices have no hard-drives, fans or moving parts, and can be managed remotely ensuring a secure, reliable and easily managed infrastructure.

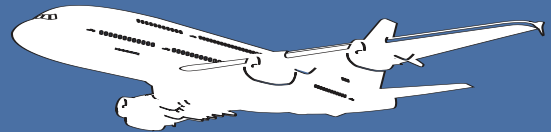
In addition to saving energy in use; Wyse thin clients use less resources to manufacture, are easier to transport, have a working life 2-3 times longer than a PC, are 90% recyclable at end-of-life, and produce very little e-waste - making them an all-round greener IT solution.

EarthSmart Computing underlines our commitment to the continuous development of innovative energy efficient hardware and software products. **Read more at: [www.wyse.co.uk/green](http://www.wyse.co.uk/green)**



IT accounts for 2% of global  
carbon dioxide emissions

...that's a figure equivalent to the aviation industry.



# Going Green is affordable...



**While many people assume that 'going green' will increase costs, Wyse Thin Computing proves the opposite is achievable...**

Alongside reduced power consumption; Wyse Thin Computing can reduce hardware and software costs, reduce desktop computing management costs, and dramatically improve user productivity. Public and private sector organisations around the world already experience these benefits while reducing their carbon footprints at the same time. A fast return-on-investment makes moving to a greener, more cost-effective way of computing even more attractive.

# ...with huge business benefits

Wyse Thin Computing lets you deploy your IT resources where and when you need them, more cost effectively than equivalent desktop PCs, and with far greater security. Whether users are located at headquarters, at remote sites, working from home, or are mobile workers; Wyse Thin Computing enables access to the applications they need while storing and securing all data centrally. Wyse thin clients can be confidently installed in public-access areas such as schools, libraries, airports and hospitals without fear of data or hardware theft.

## Wyse Thin Computing is:

### Secure

With all data and applications stored securely and centrally away from the desktop, data leakage risks and those posed by viruses and trojans can be easily managed or eliminated.

### Manageable

All Wyse thin clients can be configured and managed remotely - removing the need to visit the desktop for software installation, upgrade or troubleshooting.

### Scaleable

Additional clients can be added quickly and efficiently with fully configured and productive desktops or laptops ready in minutes.

### Reliable

With no moving parts, Wyse thin clients are very reliable and have an effective working life of 2-3 times that of a PC.

### Cost effective

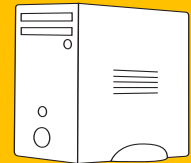
Experts agree that thin computing reduces the cost of delivering desktop computing by 40 percent or more over PCs.

### Energy efficient

A typical business PC will use an average of 70-150 watts. Wyse thin clients use between 6 and 20 watts. Even when additional server power consumption is included, energy savings of 50-90% can be achieved.



Wyse thin client  
6-20 watts



Average business PC  
70-150 watts

# The evidence...

Unlike many 'green technologies', Wyse Thin Computing is at work right now. It's proven, robust, secure, reliable and cost effective. You'll find Wyse Thin Computing at work in places where you'd expect to find traditional PCs, and in some places where you wouldn't.

## 1000 PCs versus 1000 Wyse thin clients

1000 PCs



70.51

146,660.80

1000 thin clients  
& servers



7.14

14,851.20

Kilowatts  
consumed  
per hour

Kilowatts  
consumed  
per year

CO<sub>2</sub> emissions saved each year: **56.7 tonnes**

Calculations based on Wyse S10 thin clients connected to Citrix XenApp running on Dell PowerEdge 2950 servers, compared with Dell Optiplex 620 PCs. UK emissions value of 0.43kg CO<sub>2</sub> per kWh.

## Reed Managed Services

As one of the world's most successful high street recruitment agencies, Reed Managed Services delivers IT services to over 300 retail branches in the UK alone.

Reed had traditionally used PCs throughout the organisation and was reviewing its IT as a key part of its plan to reduce the group's carbon dioxide emissions.

By deploying Wyse thin clients coupled with Wyse remote management software, Reed Group saved 2,500 tonnes of CO<sub>2</sub> in both 2006 and 2007, and brought its annual power consumption down by 5.4 million kilowatt hours.

Reed delivers IT services around the world - from UK datacentres to local Wyse thin clients - making it a truly global success story for a business working round the clock while minimizing its energy usage.

# ...it speaks for itself

## Queen Margaret University

In moving to its new Craighall campus the university stipulated particularly tight criteria for the deployment of its IT resources. The new campus building was designed to stringent, environmentally sustainable standards with natural ventilation and open-access IT throughout the building with a limit of just 45 watts power consumption per workstation. Altogether these factors posed considerable heat, power and security parameters to deliver against.

The University met this challenge by deploying Wyse thin clients drawing just 17 watts each together with energy-efficient LCD monitors. The resulting IT environment lets students and staff access applications and data from any workstation, enhances data security, enables faster IT problem resolution, and has resulted in improved user satisfaction with IT services.



**Further reading on these and other Wyse case studies:** Visit [www.wyse.co.uk/casestudies](http://www.wyse.co.uk/casestudies)

## Going Green with Wyse Thin Computing

Through our EarthSmart Computing initiative we are committed to helping organisations implement a greener computing strategy - one that delivers a more efficient and productive computing experience for your users with a positive effect on energy wastage, heat and carbon emissions.

### Green Partnerships

We work closely with the IT industry's leading vendors including Microsoft, Citrix, and VMware to ensure our solutions provide the most effective outcomes for our customers and their users. Our network of approved channel partners possess the skills to assess, recommend and implement the ideal Wyse Thin Computing solution to meet and exceed your needs.

### Take action now with Wyse Thin Computing

Naturally we've made choosing a Wyse Thin Computing solution simple and easy. Simply call Wyse on 0845 604 0038 and we will work with you to understand how Wyse solutions can help you achieve your IT and environmental goals.

**To learn more about Wyse Thin Computing visit [www.wyse.co.uk](http://www.wyse.co.uk)**

EarthSmart Computing™



**CITRIX®**

**Microsoft®**



**WYSE**  
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