



**- Green retailing made easy
with t-mac Technologies energy management expertise -**

Energy management specialists, t-mac Technologies Ltd, has launched a drive to assist retailers in cutting their carbon footprint and upping their green credentials, through the application of energy management technology, at this years Retail Solutions Exhibition (24-26 June 2008, Stand D24).

The t-mac energy management system can help retailers identify the energy consumption of their building and manage their carbon footprint, all via the Internet.

Lisa Wilkinson from t-mac Technologies explains: "The main energy polluters in the retail environment are lighting, air conditioning and heating devices. Inadequate air conditioning and heating can pump out millions of wasted energy into the atmosphere, it can also leak energy without being detected by the user which is not only costly for the environment but also for business in terms of high and unnecessary electricity bills.

"Lighting also accounts for a huge proportion of energy use in retail stores, some 25-30% of all energy, too much lighting impacts on overheating, excessive cooling of the building and over spending."

The t-mac system operates by gathering energy consumption information from sources of power, such as lighting or an air conditioning unit, and monitoring and controlling the energy consumption and emissions from these devices.

Retailers can set criteria on the energy conditions of the chosen equipment via t-mac, for example optimum heating levels and lighting on/off times, to ensure that potential energy sapping devices stay within preset 'carbon friendly' ranges. t-mac can also alert retailers via text message or email when equipment operates outwith preset ranges.

t-mac works via the internet meaning it is fully interactive from any location 24 hours a day, seven days a week, retailers can log on to the t-mac webpage and turn temperatures gauges up/down, or turn on/off the lights instantly without having to go on site.

t-mac can highlight which equipment is using more energy and why and creates a plan to reduce energy consumption, improve equipment performance and gain best practice techniques.

Lisa Wilkinson continues: "Heavy investment in lighting, air conditioning devices and heating appliances is costly, not just in hard cash but also for the environment.

"t-mac is one of the key technologies which can enable retailers to reduce carbon emissions by monitoring output and ensuring equipment is running efficiently. Now is the time for businesses to act and become not just energy efficient but also proactive in reducing energy use and cutting the UK's carbon footprint."

ENDS

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The t-mac® system has secured a place on the Carbon Trust's Energy Technology List allowing companies to apply for 100% capital allowance on their first year of investment in energy monitoring equipment.