



HSBC banks on t-mac Technologies further underlining its green credentials

--- Global bank to install t-mac Technologies' energy monitoring devices ---

Energy management specialist t-mac Technologies Ltd and 'the world's local bank' - HSBC - are set to work together and quash the energy consumption of the bank's retail units by up to 20%.

t-mac Technologies will provide HSBC with its advanced mini-building management system (BMS) - t-mac. Operating like a virtual facilities manager, t-mac takes the effort out of manual energy metering, monitoring and control, making energy management interactive and accessible via the internet.

t-mac works by gathering metering data as well as energy consumption information from sources of power – such as a buildings air conditioning unit – and then highlights the energy that the unit is losing and wasting unnecessarily, providing HSBC with recommendations on how to cut carbon emissions further.

Stephen Gathergood, Data Centre and Engineering Manager, from HSBC Bank said:

“HSBC's commitment to progressive and innovative technologies is well known, as is its commitment to best practice in sustainability. We continually look for methods by which to enhance the sustainable credentials of our property portfolio, both in our existing branches and on new developments. The technology deployed through our partnership with t-mac is a good example of how our buildings can be more efficiently managed, without any material increase in operating costs, which enables us to continue to deliver the same value to both our shareholders and our customers.”

Lisa Wilkinson, t-mac Technologies Director, said: "By deploying the t-mac system, HSBC will be able to monitor and control the amount of energy their buildings are using, which will ultimately lead to both financial and environmental savings."

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How t-mac works

t-mac works by gathering energy consumption information from sources of power, such as an air conditioning unit, it will then highlight the energy that the unit is losing and ultimately wasting unnecessarily. The device will then transfer information collected into easy-to-read reports, the bank can then print these off to gain an understanding of and to see unusual patterns of energy consumption. These reports can be used to meet Government targets and act as proof that each building is operating in an energy efficient manner.

A key benefit of the t-mac system is that it works via the internet and is therefore fully interactive from any location. In practice, when an air conditioning unit is leaking energy or operating outwith pre-set criteria t-mac will send the bank a text message or email to alert them to rectify this inefficiency. The bank can then log on to the internet where they can, by the click of a mouse, turn down the heating or turn off the lights instantly without having to go on site.

About t-mac Technologies Ltd

t-mac Technologies Ltd was established in 2004 to market and distribute the t-mac device, a leading intelligent system for remote, Internet monitor and control of assets including heating, ventilation, air conditioning and refrigeration (HVAC&R), plant and machinery, fire and security systems as well as consumables such as water, air, gas and electricity.

t-mac Technologies was recently named 'Small to Medium Sized Business of the Year' at the 2008 Midlands and East of England National Business Awards, which now places them in the running for the UK title which will be announced in London in November.