



- t-mac Technologies Reaffirms its Commitment to Wireless Technology -

t-mac joins EnOcean Alliance to promote benefits of sustainable buildings to industry

Energy metering, building management and energy analysis software specialists, t-mac Technologies Ltd, has joined a league of industry professionals becoming a member of the EnOcean Alliance.

Driven by the growing trend in intelligent buildings the EnOcean Alliance, whose members develop and promote self-powered wireless monitoring and control systems for sustainable buildings, has over 120 members worldwide, over 10 of which are active in the UK.

t-mac Technologies utilises the EnOcean modules in its wireless sensors which means that t-mac can wirelessly monitor and control a number of variables from lights to thermostats, freeing installers from the constraints of complex wiring and power sources, providing greater intelligence and adding more value.

WiST, t-mac's Wireless Sensor Technology, remotely connects with off-the-shelf sensors and many other user-friendly devices, each of which communicate wirelessly with a PC, Building Management System (BMS) or, for added remote monitor and control capabilities, t-mac.

Lisa Wilkinson, director, from t-mac Technologies, said: "Imagine placing a wireless light control or thermostat where you want it and not where the builder installs it, this freedom is one of the key benefits of wireless technology and our WiST system, which offers businesses an unprecedented freedom of choice.

"Becoming a member of the EnOcean Alliance reaffirms our commitment of the use of wireless technologies for business and will give us a platform to enable us to build our own sensors and interfaces to sell and market alongside t-mac."

Graham Martin, EnOcean Alliance Chairman, said: "We are extremely happy to welcome t-mac into the Alliance. Their expertise in energy efficiency and smart metering is a perfect match with EnOcean batteryless wireless technology and provides an excellent solution for cost efficient sustainable buildings."

Going wireless has significant benefits for business particularly in cost reduction of about 10 per cent on an entire building automation system when it is first installed. For example,

installing 4,200 wireless sensors in one building alone saves over 30km of cable installation.

WiST also offers significant green benefits over other wireless sensors as it emits zero CO2 once installed and there are no maintenance charges. Together, WiST and t-mac enable business to monitor and control building infrastructures; sensors; systems; assets and machinery via the internet without the pre-requisite for extensive wiring and cabling/installation costs.

The aim of the EnOcean Alliance is to promote and establish innovative automation solutions for sustainable buildings — and to make buildings more energy-efficient, more flexible and lower in cost. The core technology of the Alliance is self-powered wireless technology from EnOcean for flexibly positioned and service-free sensor solutions.

t-mac Technologies is offering UK businesses the opportunity to enter a competition to win a t-mac system which can help shave up to 25 per cent off its utility bills. The prize, worth up to £10,000, also includes technical support and a custom designed energy dashboard for a year. Entries can be made online at www.t-mac.co.uk, deadline for entries is 22 January 2010.

Ends

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Notes to Editors:

About EnOcean Alliance

Leading companies worldwide from the building sector collected to form the EnOcean Alliance, with the aim of promoting and establishing innovative automation solutions for sustainable buildings – and so to make buildings more energy-efficient, more flexible and lower in cost. The core technology of the Alliance is self-powered wireless technology from EnOcean for flexibly positioned and service-free sensor solutions. The EnOcean Alliance aims to standardize and internationalize EnOcean wireless technology, and is dedicated to creating interoperability between the products of OEM partners. More than 120 companies currently belong to the EnOcean Alliance. The headquarters of the non-profit organization is located in San Ramon, California.

For more information visit www.enocean-alliance.org

About t-mac

The t-mac system operates by gathering energy consumption information from utilities or sources of power such as lighting and air conditioning units. By monitoring and controlling the energy consumption and emissions from these devices businesses can develop a solution for minimising waste and reducing financial outgoings.

Businesses 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 businesses 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, users 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.

Fast facts about t-mac:

- The average return on investment from t-mac is 12-18 months.
- Boiler control with t-mac can reduce heating bills by 30 per cent.
- Air conditioning control with t-mac can reduce consumption by 40 per cent.
- 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.

Benefits of the WiST system:

- Low cost for the device, installation and maintenance
- Very low power consumption with long battery life
- Ease of Implementation: Simplicity allows for inherent configuration and redundancy of network device
- Replaces line-of-sight remote control infrared technology
- Robust for transmission on noisy channels
- Runs on unlicensed frequencies including global 2.4GHz band
- For sensors or actuators, WiST works in the same way as the external RS485 Input/Output modules