



## **British technology saves water - and money**

The average 100-room hotel wastes more than £18,000 per annum on overfilled baths, and that does not include the cost of maintenance and repair to rooms that have been flooded unintentionally by guests leaving baths running. One top London hotel spent more than £1m last year on flooding repairs alone – a waste of money, energy and water.

bathomatic is a so-called ‘intelligent bath management system’ that could deliver significant savings for hotels and care homes as well as reducing energy and water consumption. bathomatic is the invention of Unique Automation, a British company that is joining the UK Trade & Investment (UKTI) missions to China taking place in July.

bathomatic automatically measures the volume and temperature of water in a bath and cuts the water supply when the bath is being over filled. For the hotel industry this eliminates the risk of flooding and reduces the amount of water and energy used to run a bath.

Fredy Vasilev, the founder of Unique Automation, says: “The energy and water wasted by baths being over-run is a significant cost for hotels and care homes. In addition, flooding occurs in hotels on an almost daily basis. Hotels need to repair the room, meaning additional expense and reduced revenues. By installing bathomatic, the chances of flooding are reduced to zero.”

bathomatic can also provide reassurance to parents with small children and to care homes, where the overheating of baths causes a more severe problem than just cost.

“Around six hundred people suffer severe bath water scalding, every year, and three quarters of these are children,” says Vasilev. “Every day a child under five is admitted to hospital with serious injuries resulting from scalding hot bath water, and 15 pensioners die each year from hot water. bathomatic could mean these injuries do not occur.”

John Davies, global strategy & technology adviser at UK Trade & Investment (UKTI), said: “When we first heard about bathomatic we thought it was unreal. Yet just this month Unique Automation became an approved supplier under the Carbon Trust scheme. Fredy Vasilev’s invention is certainly one of the most original on the UKTI missions to China but there is a

fantastic opportunity to present bathomatic to hotels, resorts and high end housing that are all huge growth areas in China.”

“This trade mission offers the companies involved a unique opportunity to meet directly with counterparts in China, assess the business landscape and understand more about the business culture in China,” Davies continued.

The trade missions will encompass all of the key technology hubs in China, including meetings and events in Beijing, Shenzhen, Wuxi, Shanghai, Qingdao and Chengdu.

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