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### Siemens scoops 'European Smart Metering Award' for innovative high-rise building solution

Siemens has been recognised for 'Smart Metering Technology of the Year 2014' at the recent European Smart Metering Awards held in Central London.

The company launched its pioneering solution for deploying smart meters in Multi-Dwelling Units (MDUs) in 2013 and already has a number of planned trials to install the technology in to high-rise buildings throughout the UK.

**Kevin Tutton, Head of Operational Services at Siemens Smart Grid Division, said:** "Developing an effective, secure solution to address smart metering in high-rise properties is both a necessary and an urgent issue for the UK energy market. We're delighted to receive this award which confirms the commitment we've put into creating the debate and developing the solution for energy consumers living in high-rise, low-rise and converted flats which will help them to realise the benefits of smart metering."

In the UK there are around 2.3 million households who are at risk of not receiving the energy and cost savings offered by the UK's smart meter programme, simply because they live in a difficult buildings, such as high-rise apartment blocks where smart metering is particularly complex.

These buildings present a challenge for the deployment of smart energy meters, which require an appropriate communications infrastructure to enable dialogue between components, which may include electricity meters, gas meters, communication hubs, in-home displays and other devices. Most commonly, meters are not located in the apartment but are often found in communal areas, sometimes with limited access and space, but may also be spread around the building.

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Working with key development partners, Siemens has designed the Smart Multi-Dwelling Unit Solution. A unique turnkey solution for high-rise properties which uses 'shared infrastructure' model and a broadband over powerline (BPL) backbone integrated with wireless radio technology that enables standard smart meters to be installed, commissioned and connected to a Wide Area Network (WAN) gateway.

Installation is very simple, Siemens will make the building 'smart ready' and the installation of individual smart energy devices can then happen at any time after the multi-dwelling units solution has been installed and can be carried out all at the same time or on a flat-by-flat basis.

Without such a solution, energy suppliers may be forced to install additional infrastructure and make additional engineering visits, representing poor value for money and generating unnecessary consumer and landlord disruption.

The Siemens Smart Multi-Dwelling Unit Solution allows the flexibility to operate in a single supplier or supplier-by-supplier environment. It can also be adapted in terms of functionality, scalability and performance to work successfully across a number of countries.



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About Siemens Infrastructure & Cities Sector:

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