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Multisite remote meter reading and energy monitoring - new functionalities for Synco IC

- **Siemens cloud platform for remote heating, ventilation and air conditioning control further extended**
- **Collect billing data and reduce energy consumption remotely**
- **Cost-efficient solution for operation, management and energy monitoring for small and midsize buildings**

The Siemens Division Building Technologies adds new functionalities to the Synco IC cloud platform for remote HVAC (heating, ventilation and air conditioning) control. From July 2018 onwards, Synco IC includes remote meter reading for energy billing, remote monitoring of energy key performance indicators (KPIs) and remote intervention to reduce energy consumption. Synco IC, introduced to the market in 2015, is a cloud-based system for the cost-efficient operation and management of HVAC plants in small and medium size buildings.

With Synco IC Energy Monitoring, building operators can reduce energy consumption and collect billing data remotely at the same time. The system is scalable up to 2500 radio frequency meters or 250 wired meters. Collecting billing data from remote meter reading avoids walk-by or drive-by data collection, thus enhancing operational efficiency by saving travel and staff costs. Automatic data collection and validation minimizes human reading errors and prevents meter tampering and data falsification. Access to and use of customer data is controlled, customer data is kept secure.

Up to 100 sites can be connected free of charge, which makes Synco IC suitable for use in facility management companies that manage a large portfolio of smaller buildings. It is also the right choice for cities and municipalities that have a pool of distributed buildings, such as district offices, school buildings or retirement homes,

or for companies that want to organize and maintain the building automation systems in their global branches and offices from a central location.

Commissioning of Synco IC Energy Monitoring is easy. Each site is connected within a few minutes in a plug&play mode by using QR-codes, whilst meters on site are automatically searched and detected.

Building operators and managers remain continuously under pressure to reduce energy consumption and CO2 emission in the housing stock. Synco IC offers simple supervision of all the control and meter data of the HVAC plants by one intuitive user interface. The interface shows data trends and enables benchmarking of energy KPIs across multiple buildings or tenant areas, e.g. for consumption per square meter for various energy types like heating, cooling, hot water, cold water, electricity. Remote intervention by modifying plant settings on room or primary level enables operators to accomplish and maintain optimal energy efficiency.

Synco IC is already installed on more than 15,000 sites globally, which now have the option to implement remote meter reading for energy billing, remote monitoring of energy key performance indicators (KPIs) and remote intervention to reduce energy consumption, thus substantially reducing building operational costs.

This press release and a press picture are available at

www.siemens.com/press/PR2018070241BTEN

For further information on Division Building Technologies, please see

www.siemens.com/buildingtechnologies

For further information on Synco IC and Synco IC Energy Monitoring, please see

www.siemens.com/global/en/home/products/buildings/automation/synco.html

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