



News Release

FOR IMMEDIATE RELEASE

New Trane Tracer™ Building Automation Systems Improve Operational Efficiency and Maximize HVAC Performance

-- Latest Tracer range offers greater integration, communication and building management --

Brussels, Belgium, February 17, 2011 – For facility managers, effortless heating, ventilation and air conditioning (HVAC) system management and control are keys to achieving increased operational efficiency. A new range of Tracer™ building automation systems (BAS) from Trane, a leading global provider of indoor comfort systems and solutions and a brand of Ingersoll Rand, is now available to optimize building efficiency.

Tracer ES V2.5, Tracer SC, Tracer UC, and improved wired and wireless Tracer space sensors help building managers get the most out of their entire HVAC systems. The new Tracer range covers the full spectrum of building automation solutions, managing individual equipment to enterprise-wide systems.

Tracer solutions provide online, on-site and remote alarms, monitoring, scheduling, analysis and control with a user-friendly online interface. As a result, building managers benefit from improved ease of operation, faster response times and high reliability.

“Building managers will see their HVAC equipment perform to its full capacity when the system it is a part of operates at 100 percent as well,” said Jean Luc Margueron, Controls Systems and Applications Portfolio Business leader of Trane. “The Tracer range offers a complete approach to building automation, with the freedom to easily integrate, operate and maintain HVAC systems at any level. The web-based building control system is especially easy to use and allows for customization and high performance.”

Tracer ES provides web control of multiple Trane or qualified BACnet™ systems for improved operational and energy management. With Tracer ES, all of an enterprise’s buildings and systems can be managed remotely. Each system can be customized to reflect a facility’s unique requirements to ensure both flexibility and precision. Tracer ES express software is also available for smaller-scale environments.

At the building level, **Tracer SC** acts as a network and system functions manager for all individual HVAC systems, offering access from any computer through a web interface. Tracer SC supports two standard field level protocols, BACnet MS/TP and LonTalk, allowing for integration of any equipment, such as variable speed drives, chilled water systems, power generators or monitoring solutions, that uses communicating controllers.

Tracer SC uses BACnet Internet Protocol (IP) communication at the system level for easy integration into enterprise-wide BAS, such as Trane Tracer ES. Tracer SC is a fully scalable solution for small, medium or large installations that can grow with a building’s system size and complexity.

Tracer SC integrates pre-engineered applications, such as chiller plant control or variable air systems control for reliable and productive control of complex chiller and boiler plants, or variable air volume (VAV) and air handling unit installations.

The **Tracer UC400** controller is a multi-purpose, programmable device that offers highly efficient equipment control. Field or factory programmed and installed, it can be adapted to a wide range of equipment, including single and dual-duct VAV units, fan coils, unit ventilators, water-source heat pumps or any other application requiring application flexibility and performance.

Tracer UC400 is fully configurable and programmable to meet unique sequence or hardware needs. Its input/output capacity can be adapted through extension modules offering large flexibility in input/output count. For its communications, UC400 fully supports the latest BACnet MS/TP specifications.

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To ensure HVAC systems meet exact building and occupant needs, the new Trane Tracer features a complete range of wired and wireless sensors for building spaces. Simpler, faster installation and the ability to move the sensors when needed ensure improved occupant comfort and reduced costs.

Trane controls can be field-mounted on new and existing Trane solutions, non-Trane systems and ancillary components.

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About Ingersoll Rand

Ingersoll Rand (NYSE:IR) is a world leader in creating and sustaining safe, comfortable and efficient environments in commercial, residential and industrial markets. Our people and our family of brands — including Club Car®, Hussmann®, Ingersoll Rand®, Schlage®, Thermo King® and Trane® — work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. Trane solutions optimize indoor environments with a broad portfolio of energy efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced control. Ingersoll Rand is a \$14 billion global business committed to sustainable business practices within our company and for our customers. For more information, visit www.ingersollrand.com.

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