IntesisHome® in the UPM Smart City of Solar Decathlon 2012 to control the Aquarea air conditioning system of Panasonic.

The Universidad Politécnica de Madrid (UPM) includes a Panasonic Air to Water system controlled with IntesisHome® in the UPM Smart City Center, a building deployed for the new Solar Decathlon Europe 2012.

Igualada, September the 21\textsuperscript{st} 2012

The Aquarea Air to water heat pump of Panasonic is the heating system chosen by ANNER (Asociación Nacional de Empresas de Rehabilitación y Reforma) to deploy the project of the “Universidad Politécnica de Madrid” in the Decathlon Europe 2012, held in la Casa de Campo de Madrid. IntesisHome® has been installed along with it to allow its control and supervision from anywhere.

The UPM City Center prototype, even being out of competition, includes the latest technology in energy efficiency to show the energy savings possibilities in a house.
IntesisHome®, together with the Aquarea air to water units of Panasonic, allows controlling the air conditioning system as well as your Domestic Hot Water (DHW) remotely and in an easy way providing flexibility and comfort to the user experience. The application is available at Apple’s AppStore, Google’s PlayStore and even through a web interface making it accessible from any smartphone, tablet or PC with Internet connection.

A simple touch on a button will allow you to turn On or Off the system, selecting the functioning mode... From anywhere in the world, in an easy and intuitive way and without the need of technical knowledge, user can control and monitor his own comfort level at home.

IntesisHome® takes care even from reminding some necessary maintenance tasks, and also informs about technical issues in the system.

Main features for the IntesisHome® application for Aquarea systems are:

- On / OFF
- Control of the Quiet mode
- Outdoor temperature monitoring
- Climate: HEAT / HEAT+TANK/ TANK / COOL+TANK/ COOL
- Tank (DHW) temperature
- Climate and Tank functioning mode: ECO / COMFORT / POWERFUL
- Monitoring of Solar panel conditions
- Configuration of temperature offsets for ECO & POWERFUL mode

Additional functions are available for the “Advanced” and “Pro” licenses, such as calendar schedulers, scenes... which will be available in the subsequent months after November 2012.

This set of multiple functions, together with the already tested interface, offer a great level of control and monitoring along with an intuitive an easy use.
IntesisHome® system has been designed taking into account the current energy efficiency and sustainability criteria. Thanks to alarms, maintenance remainders and energy saving tips (available in the “Advanced” and “Pro” licenses), IntesisHome® offers high levels of efficiency and energy savings.

*To get more information about IntesisHome® for Aquarea series press here.

More information:
Information about IntesisHome®: www.intesishome.com

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About Intesis Software S.L.

Founded in 2000, Intesis Software, S.L. is a leading Spanish manufacturing company of innovative solutions for building and home automation, with customers in more than 50 countries as a result of a continuous product innovation based on a highly qualified R&D team. The product portfolio includes gateways and interfaces for integration, focusing on open technologies and protocols like KNX/EIB, Modbus, BACnet, LonWorks, DMX, GSM/GPRS and also OEM design and manufacture of interface solutions for all kind of equipment for home and building management and control. The most relevant companies of equipment for building and home automation rely on Intesis products and services worldwide. For further information please visit www.intesis.com
Press release

Solar Decathlon Europe 2012

Solar Decathlon Europe is an international competition among universities which promotes research in the development of efficient houses. The objective of the participating teams is to design and build houses that consume as few natural resources as possible and produce minimum waste products during their life cycle. Particular emphasis is put on reducing energy consumption and on obtaining all the necessary energy from the sun.

During the final phase of the competition, teams shall assemble their houses in Madrid, in a place open to the public called Villa Solar, where all of them can be visited. They will be competing in ten contests (that is why it is called ‘decathlon’) that will decide which one is the winner of that edition. In the competition taking place in September 2012, there will be twenty proposals from 15 different countries, eleven of which will come from Europe (Germany, Denmark, Spain, France, Hungary, Italy, The Netherlands, Norway, Portugal, The United Kingdom and Romania) and four more from China, Japan, Brazil and Egypt.

All of these teams are supported by one or more universities and have the economic and technical support from institutions and companies

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