

Lower Austrian Software for Energy Efficiency

logi.cals and hardware partner BRControls provide solutions for „intelligent building technology“ which in addition to offering more user or resident comfort, can also result in real cash savings through reduced energy costs.

By using intelligent building technology in the areas of heating and air conditioning, energy consumption can be reduced to a minimum. In co-operation with hardware manufacturer BRControls, the Lower Austrian software specialist logi.cals has developed very effective building technology solutions. „Our open and IEC 61131-3-compliant programming platform logi.CAD is very productive and effective. With a few actions, one can create function blocks, even ones that contain individual C-Code or that can access functions in the target system“, says CEO Heinrich Steininger, when talking about the advantages of the open software solution.

Oberwölbling, March XX, 2010 – The start of a successful co-operation between logi.cals and BRControls dates back to 2002. The co-operation covers programming (logi.CAD) as well as commissioning and control (logi.RTS) of building technology solutions. With its solutions, specific and individual customer demands can be met. Tangible applications range from large projects such as a soccer stadion in the Netherlands, where everything from underground heating of the pitch to many technical processes, is automatically controlled, to micro controllers for private living room logistics. Since the beginning of 2010 all systems shipped by BRControls are equipped with logi.cals' programming system logi.CAD and its runtime system logi.RTS. „We developed together a special interface between BRControls hardware and logi.cals software. This guarantees the full performance of our software

solutions“, says Heinrich Steininger.

High Tech Building Management

The key advantage is the openness of the logi.cals programming platform. The C-code generator made by logi.cals is extremely powerful. Even with a running complex online test, overall resource demand of the runtime system is negligible. The concept of „intelligent building technology“ covers automation as well as the remote control of all technical processes which maintain room and building logistics. This not only meets the growing trend for more comfort, but is also economically advantageous. By "meeting the demands", rooms are only heated to the right temperature if they are really used. Energy costs can therefore be effectively reduced. By automating processes in buildings, considerable economical and ecological improvements can be achieved.

Corporate Data

Software manufacturer logi.cals has been developing state-of-the-art programmes for automation technology, process-based industry and industrial plant engineering for more than 20 years. The company's mission is to increase its customers' productivity - automatically and reliably, easily and independently. This can be achieved by integrating logi.cals open interface software modules into existing automation environments and platforms of different manufacturers. logi.cals is a founding member of PLCopen, a member of AutomationML (www.automationml.org) and participates in various industry-related committees and user organisations. The company has at present 34 employees at its head office in Oberwölbling near Vienna and its branch office in Langenfeld (Germany). Sales in 2009 were EUR 3,2 M.

More information at: www.logicals.com

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