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## Press Release



### **The Best Researchers 2009 (Vienna Future Prize)**

Total Facility Control made easy. Loytec Electronics GmbH .NET application "L-WEB" makes it possible.

Buildings can be accessed from a PC or Smartphone to view energy consumption or control sunblinds, heating, lighting or even household appliances.

L-WEB was awarded in the class "Most Innovative Application of the Year 2009"

With L-WEB automation space control can be utilized with a view to energy-optimized operation. Office, schools and other buildings benefit from making comfort adjustments individually or by building supervisors. This control can be individual or for campus wide installations. So, even from a centrally located monitoring center you can "adjust the temperature or turn off the light" explains CTO Dr. Dietmar Loy. "The goal is not only increased comfort, but the reduced energy costs by up to 30% which improves the CO2 balance sheet".

"With L-WEB the complete building status for access control, lighting schedules and blind control can be shown. This includes also alarms like fire, water leak, high energy consumption, open windows/doors, etc. And all this is shown in real time on your PC or your Smartphone", adds CEO Hans-Joerg Schweinzer.

The savings can be realized in a short time, as established by the study "Investigation of energy saving potentials through the use of integrated building automation of open systems based on the analysis of DIN V 18599 and prEN 15,232" (Prof. Dr. Martin Becker, DI Peter FH Knoll, Hochschule Biberach, 2007) demonstrated.

For example, the electrical savings from lighting can be up to 60%, air conditioning 40%, and heating savings of up to 25%. For schools, savings of up to 50% in lighting energy, which in turn accounts for 30% of heat energy generated in schools. (LonMark Magazine Germany, June 2009).

Showcases and references are the "Berliner Hauptbahnhof", the "Landesbank Baden-Württemberg", the LTU Arena Düsseldorf, the Galileo Tower (highrise of the Dresdner Bank, 30,000 m<sup>2</sup> office space), German Parliament (Reichstag), the Embassy of Netherland, federal state hospital "Landeskrankenhaus Rohrbach", Hilton in Vienna, the Stanglwirt, the world's largest cruise liner "Oasis of the Seas" (at the moment on its maiden trip), Jaarbeurs Utrecht (NL), Governor Rockefeller Empire State Plaza (USA), Il sole 24 ore (headquarters of Italian leading financial newspaper), International Garden Show 2006 Shenyang (China for HVAC and street lighting), Wangjing International Commercial Center (Peking), China Reinsurance Office Building (Peking), Ernst & Young Headquarters in Sidney and the "Bundesschulzentrum Wörgl".

LOYTEC has offices in Vienna, Paris, Gelsenkirchen, and in Texas. LOYTEC delivers its products to more than 80 countries of the world. It has an export quote of 99.5 %.

This week, LOYTEC received the “Best Business Award 2009 for sustainable corporate management”, CEO Hans-Jörg Schweinzer is glad.

About LOYTEC:

LOYTEC provides highly functional, cost-effective and user-friendly products for control networks to customers around the world. Our solutions are designed to serve today's toughest networking needs.

Founded in 1997, LOYTEC today is a leading European provider of network analysis tools, network infrastructure products, gateways, and management solutions for the building automation market including a system independent solution for distributed alarming, scheduling and trending (AST concept) based on communication standards.

With its core technologies LC3020, ORION protocol stack (CEA-709.1), L-CNIP (CEA-852), and BACstack (ISO 16484-5), LOYTEC offers an open platform for flexible, robust, high performance networking. In addition to the CEA-709 and BACnet protocols, LOYTEC offers solutions based on communication standards such as OPC, DALI, KNX (EIB), Modbus, and M-BUS.

From headquarters in Vienna, Austria, LOYTEC offers products and design services to customers around the world. Strong partnerships with leading companies in the IT and automation market together with intensive research work with universities shape the portfolio to meet the requirements of a worldwide market.

For more information visit [www.loytec.com](http://www.loytec.com).

LOYTEC electronics GmbH

Blumengasse 35

1170 Wien

Austria/Europe

Tel.: +43 (1) 4020805-0

FAX: +43 (1) 4020805-99

[info@loytec.com](mailto:info@loytec.com)

Visual material or drawings are available on request. In case of publication, please send us a specimen copy!