LOYTEC Symposium

Vienna, October 15 - 16, 2013
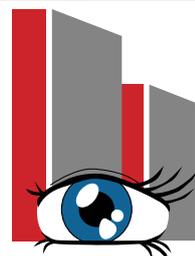
Buildings under Control
Symposium 2013

Agenda

Monday, October 14

17:00	**LOYTEC open house tour** Snacks and drinks LOYTEC electronics GmbH Blumengasse 35 1170 Vienna
22:00	End

Tuesday, October 15

08:00 **Registration and coffee**

09:00 **Welcome session**

09:15 **Key note**

10:00 **Total building control**

Constantly growing requirements for increased energy efficiency of buildings demand transparent information of all necessary operational parameters to be available for managing one or multiple buildings. Control systems need to be applied that integrate all disciplines necessary to operate the complete building including HVAC, lighting and shading. Demand oriented room automation, plant control, and metering are the basis for energy management buildings.

Dive into the world of LOYTECs building management and controls solutions. See how the concurrent utilization of multiple open and standardized communication protocols at device level opens doors to an unknown world of integration. Understand why IP connectivity from I/O level up to the building management is the key to build powerful interworking solutions that are easier to install, faster to integrate, better to operate and to maintain. Based on real buildings we will show how LOYTECs product solutions for building management and controls provide powerful methods to deliver perfectly automated buildings. We will show how such buildings can be safely connected to the cloud and how we elevate remote maintenance to a next level.

10:45 **Coffee break**

11:15 **Security hardening in building networks**

Todays' building automation systems are evolving towards totally open, IP-based systems. The adoption of well-known IT technologies brings several advantages at the cost of increased exposure to security threats. Learn about common security issues in building networks and how security hardening works. See how LOYTEC products can be used in areas of higher sensitivity and how hardening can be done easily to meet frequent security requirements.

12:30 **Lunch break**

13:30 **L-INX: From physical I/O to Web services**

L-INX Automation Servers integrate physical I/Os, LON, BACnet and KNX products, M-Bus and Modbus meters, and add programmable logic on top. See how we schedule, trend, and alarm datapoints and create user interfaces. Discover the best workflows to engineer gateways, air handler, boiler, meter and room automation applications using auto-generate-connect, favorites, parameters, templates, math objects, local and global connections.

15:00 **Coffee break**

15:30 **L-DALI: DALI lighting control at it's best**

Optimal lighting control offers comfort and safety for the user, while reducing energy consumption and easing maintenance. LOYTEC's L-DALI family has it all! See how the L-DALI can be used to create powerful DALI lighting control applications from start to finish - including seamless integration into BACnet networks, LonMark systems or OPC XML/DA. Learn about the numerous possibilities offered by some of the L-DALIs key features like its full featured constant light controller application, which even offers sunblind integration, or support for DALI sensors and self-contained emergency lights.

16:30 **Visualization with L-VIS and L-WEB**

No matter whether you need local control on a touch display, virtual room control widgets, or remote access through your smart phone - LOYTEC has the perfect solution to create a graphical user interface to your automation system. Get an overview of the different visualization products and communication options, experience the most efficient way to create your customized visualization, and learn how to select the solution that fits your needs best.

17:30	**Why system integrators love the L-IOB devices**
	L-IOB devices represent one of the most versatile and sophisticated series of I/O-modules on the market. These highly versatile L-IOB devices allow them to function standalone or connected to any type of integrated system, from documentation to commissioning and operation. L-IOB devices are very scalable: for small tasks where a single L-IOB can be used with its own programmable controls and web applications; or in large network applications where L-IOB can either be integrated directly into LON and BACnet systems, or directly to the L-INX Automation Server. See how the built-in graphic display along with the built-in Web services can be used in connection with physical commissioning and daily operations.
18:00	**Case study: City of Sigmaringen (Germany) benefits from L-INX Automation Server**
18:15	**Wrap up day 1**
18:30	**Start of evening event**

Wednesday, October 16

09:00	**Opening session day 2**
09:15	**LWEB-900 - The comprehensive solution for building automation**
	LWEB-900 is a highly flexible and scalable solution which accompanies you from installation and configuration of LOYTEC devices, all the way to daily operation of the facilities. Learn how LWEB-900 allows monitoring and operating the building's technical equipment from remote. See how you can define multiple user groups with different access rights and separate views on the available data.
10:30	**Coffee break**
11:00	**L-ROC runs LOYTEC headquarters**
	The L-ROC System has proved to be the perfect solution for the LOYTEC headquarters in Vienna. HVAC, lights, sun blinds and other controlled systems have been easily integrated using the LOYTEC room automation library. See how L-ROC, L-IOB, L-DALI and LWEB-900 work hand in hand to solve every automation task. Experience how L-Studio allows to design an automation system for a real building from top to bottom. Learn how type-based design minimizes engineering costs and makes visualization a breeze.
12:30	**Lunch break**
13:30	**LWEB-900 case study**
	LWEB-900 has been used at the LOYTEC headquarters in Vienna with great success. See step-by-step how LWEB-900 was utilized to configure the operating parameters, set-up schedulers, notify users about alarms, report energy consumption, and maintain LOYTEC devices (firmware updates, device replacement, backup and restore). Experience how you can save time using LWEB-900 when engineering your building management system.
14:30	**L-VIS - the incredible user frontend**
15:00	**Outlook and roadmap**
15:30	**Wrap up the symposium and good bye**
15:45	**End**

Buildings under Control Symposium

LOYTEC welcomes you to the 4th Buildings under Control Symposium held in Vienna (Austria) from October 15th to 16th, 2013. The Buildings under Control Symposium is LOYTEC's platform to bring building automation specialists interested in LOYTEC product solutions together from all around the world. The symposium is addressing building owners, technical facility managers, consulting engineers, system integrators and marketing and sales specialists. Learn more about the benefits of using standardized communication technologies and multi-functional embedded devices for advanced building automation.

Attendees will experience new ideas on how facility management can benefit from integrated buildings and how this can secure long-term investments. The symposium will focus on IP-based solutions incorporating communication technologies like EN 14908 (LON), BACnet (ISO 16484-5), KNX (EN 50090), WEB Services, OPC, DALI, Modbus, and M-Bus.

LOYTEC's stunning LWEB-900 elevates building management to a new level. Understand how buildings of any size can be managed and maintained and how secure internet connectivity is utilized to present data in the cloud. You will be amazed by L-ROC, the groundbreaking solution for room automation. See firsthand how Cloud Control creates room flexibility. Discover directly how L-DALI seamlessly integrates lighting control into BACnet Networks or LonMark Systems. Understand why secure connectivity is crucial to make integrated building automation systems a reality and how LOYTEC's infrastructure products bring systems together at IP level.

In addition to the educational presentations, product and system concepts are shown and explained in detail by our developers in an exhibition area. Take the opportunity to meet with LOYTEC to get direct source information from our developers and marketing staff. Take the time to meet with system integrators from around the globe.

The Buildings under Control Symposium is an international event. The conference language is English.

Information

Registration & information	Please visit www.loytec.com/bucs
Registration fee	199,- EURO
Date	October 15 - 16, 2013
Location	Tech Gate Vienna Donau-City-Straße 1, 1220 Vienna/Austria
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