Press Release
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IQRF Alliance at Light + Building 2016

How to make different products work in one wireless network?

The trade fair Light + Building 2016 in Frankfurt is successfully over. Its motto was 'digital – individual – networked'. All of the smart systems and devices need to cooperate together and communicate in networks. This is the biggest challenge on the way to the IoT. The IQRF Alliance has a recipe to make various products talk together. Simply.

A perfect exampleof such a functioning system was presented atLight + Building 2016. The IQRF Alliance members connected theirproducts together in one "mesh" network. This technical demonstration puts together network of street lighting system (DevTech M2M), smart parking system (CITIQ), CO2, temperature, humidity sensor (Protronix), indoor lamp (DATmoLUX), switches, dimmers and switching box (Teco), infrared heater (Austyn INTERNATIONAL), temperature and relative humidity sensors and universal gateway (IQ Home).

The connection was performed by the IQRF wireless technology (MICRORISC).The IQRF controls all the devices by simple commands thanks to"data controlled transceivers". This shows the main strength of the technology – its simplicity of use. It takes just a few weeks to incorporate IQRF wireless connectivity into any electronics.

The IQRF Alliance was established two years ago and today it associates over 50 technical companies and universities from the US, Great Britain, Scandinavia, Central Europe, Israel and India. "The success of the Alliance is in cooperation of individual members - developers, universities, research centers and companies. They can develop new applications, installations and systems and combine them together through the IQRF wireless technology. It is much more effective and faster way to the market," said Simon Chudoba, CEO of the IQRF Alliance.

IQRF Alliance partners´solutionsat Light + Building 2016

The IQRF Alliance presented partners´ solutions at Light + Building 2016. There were new products and solutions available for all the visitors and they aroused a huge interest. Here we are summarizing a few examples:

Devtech M2M from India presented modern lights with the IQRF wireless connectivity. "Lighting automation is a sphere used for remote monitoring and controlling of outdoor as well as indoor lights. Let's use electric energy and technologies themselves as an energy saving tool," said VinodJadhav, CEO of Devtech M2M.

Alarm2GSM from Slovenia came with WiCOM - a perfect home and office solution for building automation. The whole system contains door entry intercom, access control, house automation and fire and intruder protection. "It is easy to use modular system with fast and simple installation. WiCOM is based on 2G/3G mobile network with no need of LAN," said TomazHribar.

Protronix from the Czech Republic presents the new series of air quality sensors. The sensors are designed to monitor the quality of the indoor air. They measure carbon dioxide, relative humidity, volatile organic compounds and the temperature in various combinations. "We can offer not only development of control electronics, but also customized production of electronics," added CEO of ProtronixMilošŽáček.

BJB GmbH & Co.KG, the leading manufacturer of automated solutions from Germany, was presenting a new DALI based wireless lights at Light + Building 2016. The IQRF technology was incorporated in two months. "Thanks to the IQRF Alliance and to the support of MICRORISC we were able to finish the connectivity demonstrator just in time for the exhibition. We are grateful for the fast and straightforward work to reach this target. We felt always in professional hands and the communication was almost like we would be working together in the same office," said Markus Spiekermann, Head of wireless team in BJB GmbH & Co.KG.

"Overall presentation was a success. It was a great opportunity to meet our customers and partners and to spread the IQRF Alliance solutions into the whole world,"said Simon Chudoba, CEO of the IQRF Alliance.

Further Information:

IQRF® is a technological solution for manufacturers to make any device wireless, working in mesh networks and connected to the Internet. IQRF wireless technology is an ideal option for creating wireless mesh networks. Thanks to its easy implementation it takes weeks to teach products to communicate wirelessly instead of months.
More info: www.iqrf.org

IQRF Alliance is an international community of developers, manufactures, system integrators, sales professionals, research and innovation centers, technical high schools and universities providing wireless solution for IoT and M2M communication. The members joined together to reduce their costs on development and manufacturing and to increase their market and sales.
More info: www.iqrfalliance.org

MICRORISC Ltd. is a Czech company focused on research, development and delivery of technologies and components to electronics manufacturers worldwide. Since 2004, the core specialization is a development of an intelligent wireless technology IQRF and wireless mesh networks. A tradition since 1991, state-of-the-art technologies, outstanding technical support and overall quality helps our customers to make their products smarter. Simply.
More info: www.microrisc.com

Protronixs.r.o., The Czech Republic - The main activity of Protronixcompany is development and production of industrial electronics including customer-tailored development and production of industrial electronics.

Alarm2GSM, Slovenia - A Slovenian producer of various alarms.

IQ Home Kft., Hungary - Our main profile is the design and implementation of wireless automation solutions based on embedded systems.

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DATmoLUXa.s., The Czech Republic -DATmoLUX has specialized in the development and production of electronic products and software in the area of street lighting and operations in the area of measurement and control generally since its establishment in 2000.

Teco a. s., The Czech Republic -is one of the leading manufacturers of regulation and control systems of the PLC category (Programmable Logic Controllers) that are made and tested according to internationally valid and recognized IEC directives/EN 61131.

Austyn INTERNATIONAL s.r.o., Slovakia - The Company operates in the market controlling the operation of industrial buildings and administration - ventilation, heating and lighting.

CITIQ, The Czech Republic - Company providing complete street parking solution.

DevTech M2M, India - A research driven organization that constantly uses innovative technology to manufacture products that are aimed towards energy efficiency.