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MAINTENANCE-FREE WIRELESS SWITCHES & SENSORS

2013

ISSUE

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FUTURE ENERGY HARVESTING

INTERNET OF THINGS
New applications for EnOcean radio

ZENO CONTROLS
5-Star hotel embraces energy efficiency

TELEFUNKEN SMART BUILDING
Smartly transmitted

THERMOKON
Energy harvesting meets display

New York, January 21–23, 2014



AHR EXPO®
2014
NEW YORK

EnOcean Alliance exhibits: booth 279

DRIVING ENOCEAN FOR NIAGARA NETWORKS

Control Network Solutions has introduced a native Niagara AX driver for EnOcean networks and devices. The CNS-EnOcean driver allows internet-enabled Niagara applications full access to EnOcean energy harvesting wireless devices.

By Mike Welch, Managing Director, Control Networks Solutions



The CNS-EnOcean Ethernet transceiver driver for Niagara AX brings web technology platforms built on Niagara AX and energy harvesting wireless networks together, without the need for third party commissioning tools. The fully integrated driver allows Niagara system integrators to easily discover, commission and manage EnOcean-based energy harvesting wireless devices using only the familiar Niagara AX environment.

HIGH SYSTEM FLEXIBILITY

The driver enables easy configuration and management of EnOcean-based devices in Niagara AX, such as battery-less switches, temperature, humidity and CO₂ sensors or heating valve actuators. As there is no data I/O mapping or labelling required, the CNS-EnOcean driver significantly reduces commissioning time and risk.

The solution offers users significantly more flexibility in devising the ideal building automation system for each individual building's requirements. M&E contractors benefit from less risk and less costs, while at the same time

needing fewer suppliers. And finally, system integrators can plan and implement building automation and management systems more easily, enabling an improved customer offering and higher margins.

BENEFITS AT A GLANCE

- Reduced hardware
- Reduced installation costs
- Single tool commissioning
- No I/O mapping or labelling
- Reduced commissioning time, risk and cost
- Reduced CO₂ emissions, even before the system is powered up
- Reduced parasitic power consumption
- Reduced maintenance
- Vendor independence, both at point of delivery and subsequent operation & maintenance
- Re-use of existing Niagara AX skills and personnel

www.CNS-EnOcean.com





▶ OCTOBER 2013



15-17 **European Utility Week**,
Amsterdam, Netherlands
www.european-utility-week.com

23-24 **3. Energie&Technik Smart Home & Metering Summit**, Munich, Germany
www.smart-home-summit.de

29-31 **HI-TECH BUILDING**,
Moscow, Russia
www.hitechbuilding.ru

▶ NOVEMBER 2013



04-08 **Interclima+Elec 2013**,
Paris, France
www.interclimaelec.com

05-08 **Interlight Moscow**, Moscow, Russia
www.interlight.messefrankfurt.ru

▶ DECEMBER 2013

05-06 **China International Energy Harvesting Summit 2013**, Shanghai, China
www.demand-led.com/eh

▶ JANUARY 2014



21-23 **AHR Expo**, New York, USA
www.ahrexpo.com

▶ MARCH 2014

08-09 **Ener.Com 2014**, Rheinau-Lynx, Germany
www.messe-ener.com



Mar 30-Apr 4 **Light+Building**, Frankfurt/Main, Germany
www.light-building.messefrankfurt.com

▶ JUNE 2014

03-05 **LIGHTFAIR International**,
Las Vegas, USA
www.lightfair.com

09-12 **Guangzhou Electrical Building Technology**, Guangzhou, China
www.messefrankfurt.com.hk

IN BRIEF ...

... EnOcean's websites now speak four different languages: English, German, Japanese and Chinese. Just click to enter the entire EnOcean world:



www.enocean.com



www.enocean.de



www.enocean.com/jp



www.enocean.com/cn