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Control Network Solutions introduces native Niagara AX driver for EnOcean networks

CNS-EnOcean driver from new EnOcean Alliance member CNS allows
Internet-enabled applications to control energy harvesting wireless networks

Oberhaching/Munich, London, April 15, 2013 — Control Network Solutions (CNS), a specialist supplier of M2M, Convergent and CCRE solutions, has developed an EnOcean Ethernet wireless transceiver driver for Niagara AX. Integrating the CNS-EnOcean driver, Niagara system integrators can use Niagara AX to easily discover and commission EnOcean-based energy harvesting wireless networks. CNS will launch the new driver at the 2013 Niagara Forum (April 14 — 16), Sofitel London Heathrow, at booth G3. It will be available via the global network of Niagara AX system integrators, distributors and OEMs.

Through its energy harvesting technology EnOcean enables batteryless, maintenance-free wireless sensors and sensor networks with ultra-low power consumption. The modules draw energy from their surroundings, for example from motion, light or temperature differences. This principle enables electronic control systems for building and industrial automation or smart home systems to work independently of an external power supply. The EnOcean radio is internationally standardised as ISO/IEC 14543-3-10 and EnOcean-based components are already installed in over 250,000 buildings worldwide.

The CNS-EnOcean driver brings web technology platforms built on Niagara AX and energy harvesting wireless networks together, without the need for third party commissioning tools or processes. As a result, system integrators can automatically configure and manage EnOcean-based devices in AX, such as batteryless switches, temperature, moisture and CO_2 sensors or heating valve actuators, as well as wireless transceivers and gateways. As there is no data IO mapping or labelling required, the CNS-EnOcean driver significantly reduces commissioning time and risk.

"As a member of the EnOcean Alliance we have integrated the standardised EnOcean application profiles. This enables our new CNS-EnOcean driver to be used with over 1000 products the members of the EnOcean Alliance offer," says Mike Welch, Managing Director, Control Networks Solutions. "Our driver solution connects two of the most established global communication standards for intelligent automated buildings and combines their benefits for higher system flexibility and planning freedom."

More information on the CNS-EnOcean Niagara driver can be found at www.cns-enocean.com or follow on Twitter @enocean4ax.

About Control Network Solutions
Control Network Solutions (CNS), headquartered in Basingstoke, Hampshire, UK, brings together the world of ICT, building management and building automation systems. CNS creates an integrated information infrastructure combining hardware, software and open/de-facto standards communication protocols to allow connectivity of any intelligent device in the building with any other as well as exchanging value data between the building facilities sub systems and the clients' business/enterprise applications. CNS is a Certified Tridium Developer Partner. Using Tridium's web convergent technology platform, CNS creates smart open standards products and solutions for delivery by Niagara AX certified system integrators, distributors and OEMs as part of their iBMS/BA solution and service offering. CNS's first standard Niagara AX product was a native Niagara AX DALI lighting solution called elitedali for Niagara AX, which is available via a global network of Certified elitedali Partners (CeP). The new CNS-EnOcean Niagara AX Driver leverages CNS's experience with elitedali and device modelling techniques and will also be available via the global network of Niagara AX System integrators, distributors and OEMs.
More information can be found at www.control-network-solutions.co.uk

About EnOcean
EnOcean is the originator of patented energy harvesting wireless technology. Headquartered in Oberhaching, near Munich, the company manufactures and markets energy harvesting wireless modules for use in building and industrial applications as well as in further application fields such as smart home, smart metering, logistics or transport. EnOcean technology combines miniaturised energy converters with ultra-low-power electronics and robust RF communication. For 10 years, leading product manufacturers have chosen wireless modules from EnOcean to enable their system ideas. EnOcean is a promoter of the EnOcean Alliance, a consortium of companies from the world's building sector that has set itself the aim of creating innovative solutions for sustainable buildings. Self-powered wireless technology from EnOcean has been successfully deployed in more than 250,000 buildings worldwide. The EnOcean wireless protocol is standardised internationally as ISO/IEC 14543-3-10, which is optimised for wireless solutions with ultra-low power consumption and energy harvesting.

For more information visit www.enocean.com