



Press Release

Nexans unveils new certified iGigaswitch Series allowing streamlined communications between electrical devices

The KEMA IEC 61850 certification confirms that Nexans' new iGigaswitch is ready for industrial implementation after successfully completing test operations in power stations and smart grids

Paris, October 7, 2015 – Nexans has released the world's first KEMA IEC 61850 certified iGigaswitch Series, compatible across similarly certified components from any manufacturer allowing for smarter and faster interchangeability. By minimising mistranslations, the iGigaswitch helps to eliminate the risk of potential signal losses allowing for smarter and faster interchange.

After successfully passing all of the IEC tests, Nexans now offers the iGigaswitch Series, which is able to communicate directly with all other devices on the power station network, streamlining interchange across various devices and network components. By speaking a universal language of IEC 61850, iGigaswitch provides customers with the ability to implement smart electrical grids where all the elements and components on the network speak with each other without any protocol translation.

The switches have up to 16 ports (RJ45 or Fibre Optic) to support Ethernet, Fast Ethernet and Gigabit Ethernet (10/100/1000 Mbps). They are designed for a wide input voltage and a wide operating temperature ranges. The E-Series operates between -40 degrees Celsius and 85 degrees Celsius. The series was developed to withstand harsh environments and is robust, compact, secure, and most importantly, high performing.

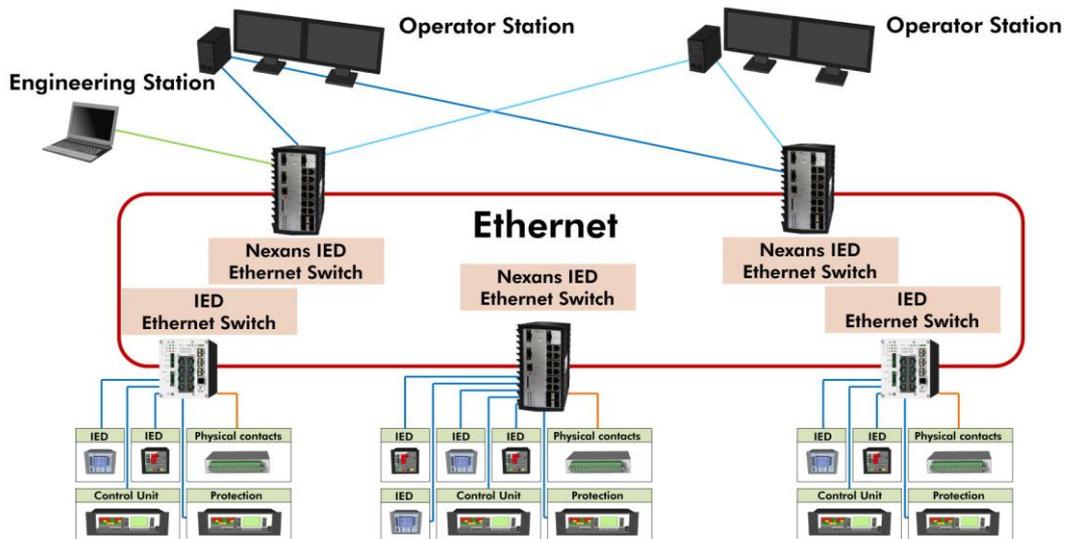
Typical applications include smart grids, networking transformer substations, controlling wind turbines and pipelines and enhancing security.

The switch enables effective grid operation by managing the current state of domestic and partner grids through intelligent electronic devices such as switch breakers and protection units.

The iGigaswitch Series is suitable for grid managers and electrical companies who wish to upgrade their systems in line with up to date certification schemes, giving them a competitive advantage.

Fjodor LAMM, Senior Product Manager for LANactive Systems at Nexans Deutschland, said, *"As the first company to bring IEC 61850 iGigaswitches to the market, Nexans is reiterating its position as a market leader in technology and innovation. The iGigaswitch Series represents a significant shift in improving the quality and construction process of electricity grids while maintaining and supporting dependable feedback operations to ensure outstanding service."*

Example of usage:



- Standardized data model for info management in power grids
- IEC 61850 capability in Ethernet Switches
- Easy and flexible integration of various IEDs
- Improved interoperability of devices from different vendors
- Optimized monitoring and administration of the power network
- Fully automatic or remote operation of power facilities

About Nexans

Nexans brings energy to life through an extensive range of cables and cabling solutions that deliver increased performance for our customers worldwide. Nexans' teams are committed to a partnership approach that supports customers in four main business areas: Power transmission and distribution (submarine and land), Energy resources (Oil & Gas, Mining and Renewables), Transportation (Road, Rail, Air, Sea) and Building (Commercial, Residential and Data Centers). Nexans' strategy is founded on continuous innovation in products, solutions and services, employee development, customer training and the introduction of safe, low-environmental-impact industrial processes.

In 2013, Nexans became the first cable player to create a Foundation to introduce sustained initiatives for access to energy for disadvantaged communities worldwide.

Nexans is an active member of Europacable, the European Association of Wire & Cable Manufacturers, and a signatory of the Europacable Industry Charter. The Charter expresses its members' commitment to the principles and objectives of developing ethical, sustainable and high-quality cables.

We have an industrial presence in 40 countries and commercial activities worldwide, employing close to 26,000 people and generating sales in 2014 of 6.4 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A.

For more information, please consult: www.nexans.com

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