LANactive Industry

Solution for Smart Grids

Nexans

LANactive **Industry** Solution for Smart Grids

Nexans' premium high-tech networking solutions have proven their reliability in countless applications world-wide. We offer over 30 years of experience in research, development and production of Fibre To The Office (FTTO) Switches and Industrial Ethernet Switches.
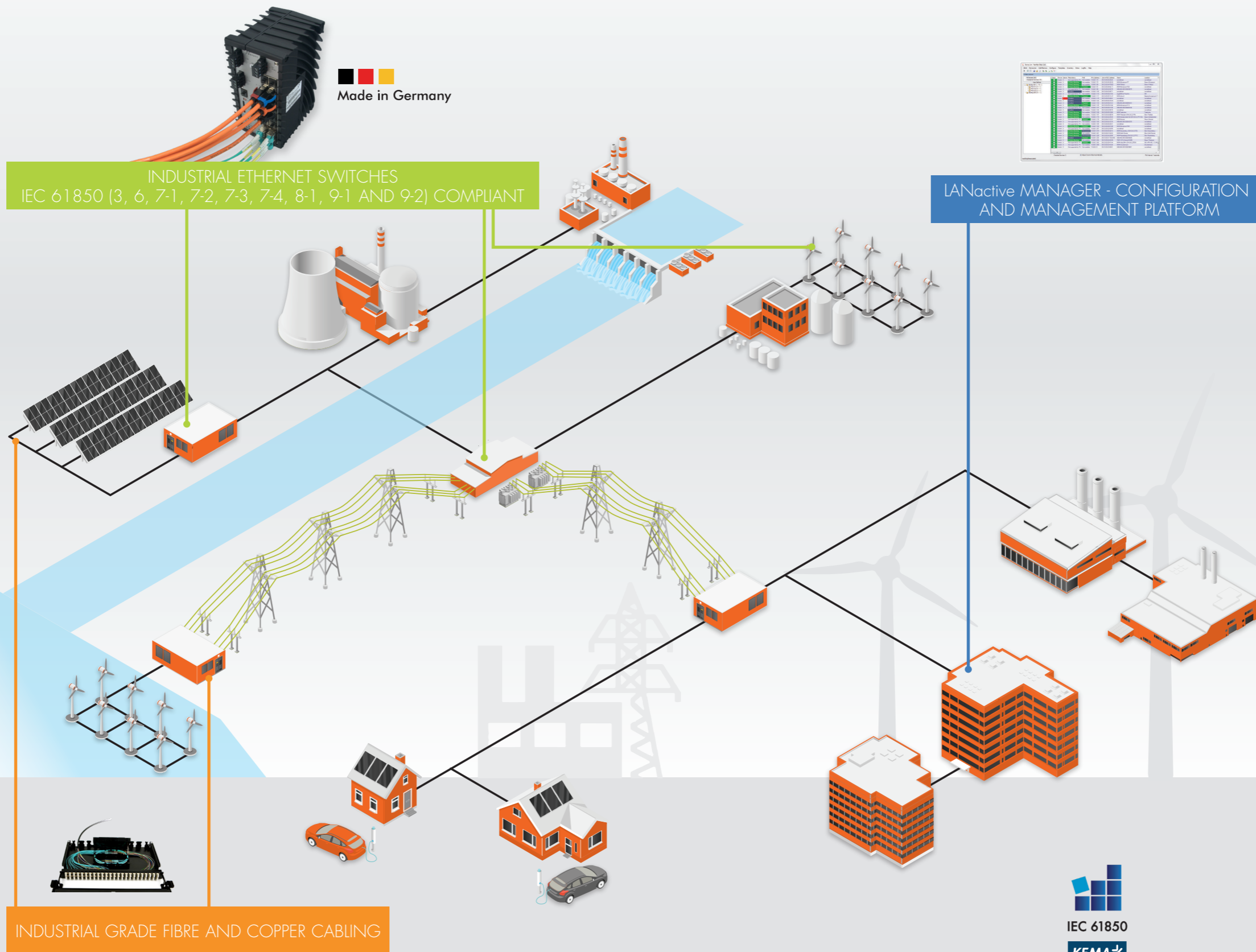
**IEC 61850
KEMA/ DNV-GL Certified**

Nexans Industrial Ethernet Switches are compliant with the requirements of the IEC 61850 standard (parts 6, 7-1, 7-2, 7-3, 7-4, 8-1, 9-1, 9-2, including MMS and GOOSE). These communication functionalities have been tested and certified by KEMA/DNV-GL.

IEC 61850 communication requirements are applied to all parts and products of power utilities, including end devices, control equipment, data network and SCADA. This enables the building of a modern and reliable infrastructure using standardized equipment from different vendors.

LANactive Industry Solution Benefits

- Designed for Smart Grids
- Highest network availability based on advanced redundancy features
- Highest network security
- Easy maintenance
- Proven interoperability with 3rd party vendors
- High power budget for PoE+ (IEEE802.3at)
- Highest quality standards – Made in Germany

Made in Germany

INDUSTRIAL ETHERNET SWITCHES
IEC 61850 (3, 6, 7-1, 7-2, 7-3, 7-4, 8-1, 9-1 AND 9-2) COMPLIANT

INDUSTRIAL GRADE FIBRE AND COPPER CABLING

LANactive MANAGER - CONFIGURATION AND MANAGEMENT PLATFORM

IEC 61850
KEMA

HSR/PRP Redundancy

HSR and PRP redundancy features are strongly advised by the IEC 61850 standard for the protection of digital communications applications among Smart Grids and provision of 'zero reconfiguration time' as well as 'zero packet loss' – at the station and process bus, for example.

Product Range

Switches

- Robust DIN-rail mounted Industrial Ethernet Switches
- Excellent performance in harsh environments (-40…+85°C, EMC, IEC 61850-3, etc.)
- Wide range of accessories: power supplies, SFP transceivers, mounting accessories etc.

Cabling

- Wide range of industrial grade copper and fibre products for your cabling infrastructure
- DIN rail-mounted copper and fibre patch panels and accessories

LANactive Manager – Network Management Tool

- Configuration and management platform for all Nexans switches
- LANactive Controller for SDN based switch configuration

Services

- 5 year warranty for industrial switches
- First class support services

Alarm Systems   Controllers   Smart Metering   SCADA   Protection Units   Security   IP Cameras   IP Telephony   Wireless   Laptops & PCs

Offices

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