

DATA CENTRES

EXPERTLY DESIGNED FOR
EXCEPTIONAL PERFORMANCE

A series of horizontal, wavy light streaks in shades of orange, yellow, and red, creating a sense of motion and energy across the middle of the page.

 Nexans



Next-Generation Solutions for Data Centres

Data centres, service providers and hosting facilities face one challenge in common – the technology needed to keep information flowing is ever changing.

As data centres grow in size, complexity, volume and depth of information stored and dispatched, you need to consider the crucial roles cabling infrastructure and network management play in addressing change. These roles can vary from traditional needs like reliability, flexibility, growth and security, to new challenges like power reduction, space maximisation, and cooling. These tests apply equally to large and small enterprises that today compete head-on in a 24/7, internet-based global economy.

With a century of experience and a global presence, Nexans possesses the quality engineering, technical expertise and service reputation to address these evolving trends. Through its LANmark and LANsense brands, a full line of cables, connectors, panels, intelligent management hardware and software, and related accessories for next-generation data centres are expertly designed for exceptional performance.

LANmark

PHYSICAL INFRASTRUCTURE SOLUTIONS

LANsense

INTELLIGENT INFRASTRUCTURE MANAGEMENT

LANmark Copper

connect to tomorrow

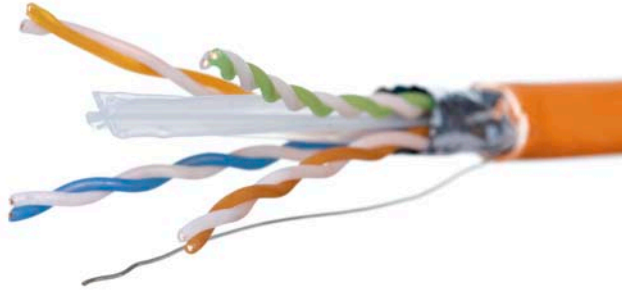


Bandwidth & scalability

Superior shielding of cables and connectivity to ensure data and system integrity provide a bandwidth rich migration path for future protocol suites including 40G Ethernet up to 100 metres.

Reach

Nexans LANmark copper cabling solutions are designed to provide signal integrity and immunity from noise over distances up to 140 metres depending on protocols. Screened LANmark-6A links are possible as short as 5 metre-lengths versus traditional 15 metres, which makes them ideally suited for short connections between patch panels.



Density

LANmark connectors have a common footprint for all categories of cabling (Cat.5E to Cat.7A). Copper patching systems have options available which can increase your patching density by 50% over conventional patching systems.



25 year warranty



Revolutionary **2 in 1** connector technology



Shorter, quicker, easier...



increased reliability and ease of installation.

LANmark Fibre

connect to tomorrow



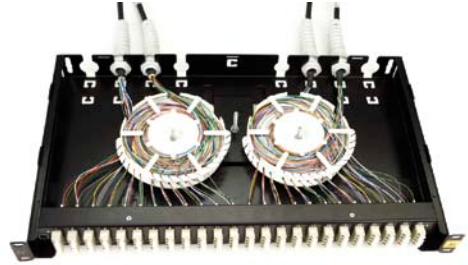
25 year warranty



High quality terminations

Density

Nexans LANmark-OF solutions provide the industry's highest density patching systems specifically aimed at maximising multiple SAN/NAS fabric switches in confined spaces.

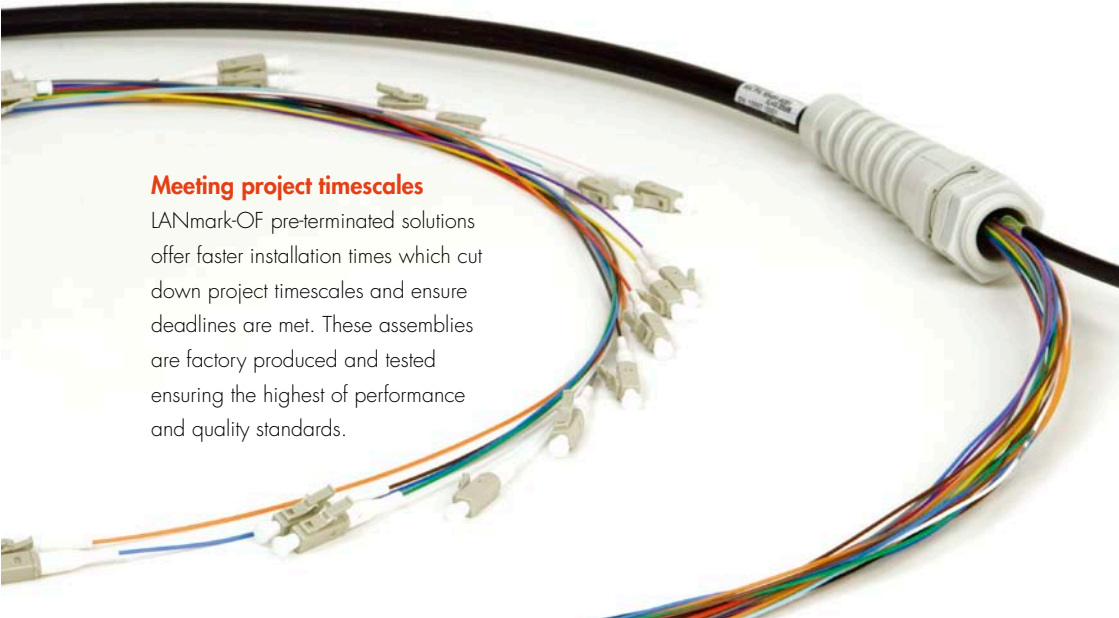


Migration path 10G » 40G » 100G

Nexans LANmark-OF solutions provide an upgrade path to 40G and 100G Ethernet due to laser optimised multimode fibre and parallel optics connectivity (e.g. MPO).

Meeting project timescales

LANmark-OF pre-terminated solutions offer faster installation times which cut down project timescales and ensure deadlines are met. These assemblies are factory produced and tested ensuring the highest of performance and quality standards.



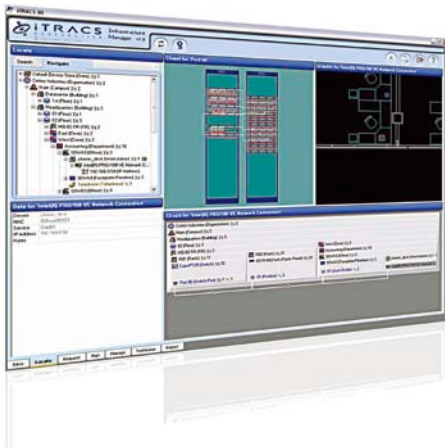
LANsense

take control of your network

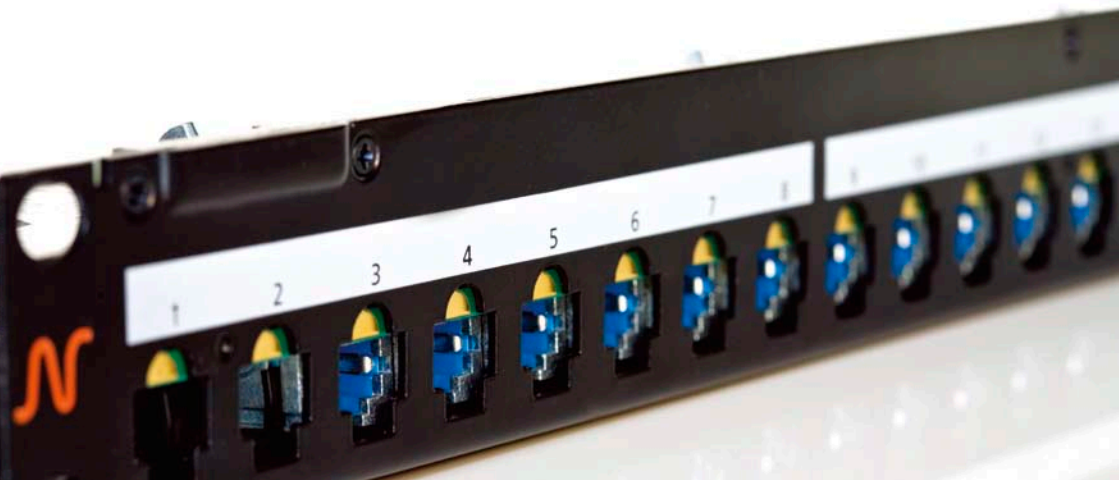
Physical layer management

LANsense uses hardware and software to manage the physical infrastructure and integrate information from the network layers to provide information about the active devices which are connected to the cabling.

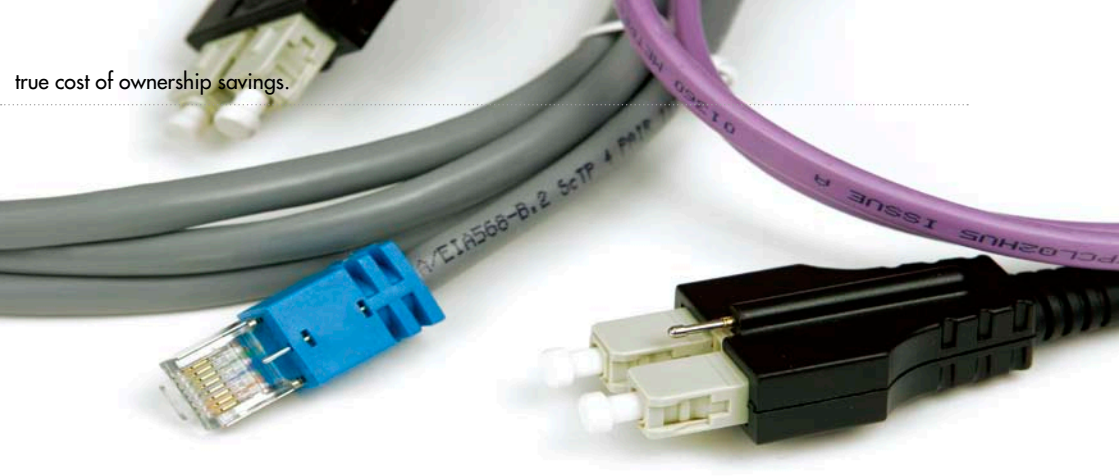
LANsense detects any unauthorised connection or disconnect in the system either physical or network related. All events are recorded in real-time and stored in the database with a time and date stamp.



Environmental Monitoring
& Access Control



true cost of ownership savings.

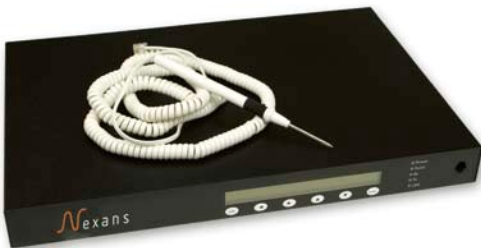


System management

LANsense can be customised to provide elements of a CMDB* and can be used as part of the ITIL** set of management tools to provide an audit trail for system changes, help ensure compliance with regulations or service level agreements and provide current status reports of system configuration and asset utilisation.

(*) CMDB: Configuration Management Data Base

(**) ITIL: Information Technology Infrastructure Library



About Nexans

With energy as the basis of its development, Nexans, the worldwide leader in the cable industry, offers an extensive range of cables and cabling systems. The Group is a global player in the infrastructure, industry, building and Local Area Networks markets.

Nexans addresses a series of market segments from energy, transport and telecom networks to shipbuilding, oil and gas, nuclear power, automotive, electronics, aeronautics, handling and automation.

With an industrial presence in more than 30 countries and commercial activities worldwide, Nexans employs 22,000 people and had sales in 2007 of 7.4 billion euros.

In the field of LAN Cabling Systems, Nexans Cabling Solutions offer a complete range of products and value added services providing improved reliability and reduced cost of ownership for Network Managers, together with faster installation times for installers.

In addition to LANmark physical infrastructure cabling systems, Nexans also specialises in the development Intelligent Infrastructure Management (IIM) products under the LANsense brand, including environmental monitoring and control (EMAC) devices and solutions for fully converged IP environments.

Nexans offers an unrivalled choice of LAN infrastructure solutions to a global customer based through an extensive network of regional offices and Key Account Management team.



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