

## Cabling **Pinewood Studios** for High Definition



The Pinewood Studios Group selected Nexans for the cabling upgrade necessary to prepare its television studios for advances in High Definition technology. The rejuvenation project is the first of its kind in Europe and has provided an upgrade path for advances in television technology.



## Paving the way in television

The Pinewood Studios Group is a leading provider of studio and related services to the global film and television industry. Synonymous with world class British and international productions, the impressive heritage of its UK-based Pinewood, Shepperton and Teddington Studios date back to the early 20th Century and are home to some of the most successful feature films and TV shows ever made. Renowned across the globe for excellence in its field, the Pinewood brand is now being exported overseas to studios in Toronto - Canada, Berlin - Germany, Iskandar - Malaysia and the Dominican Republic.

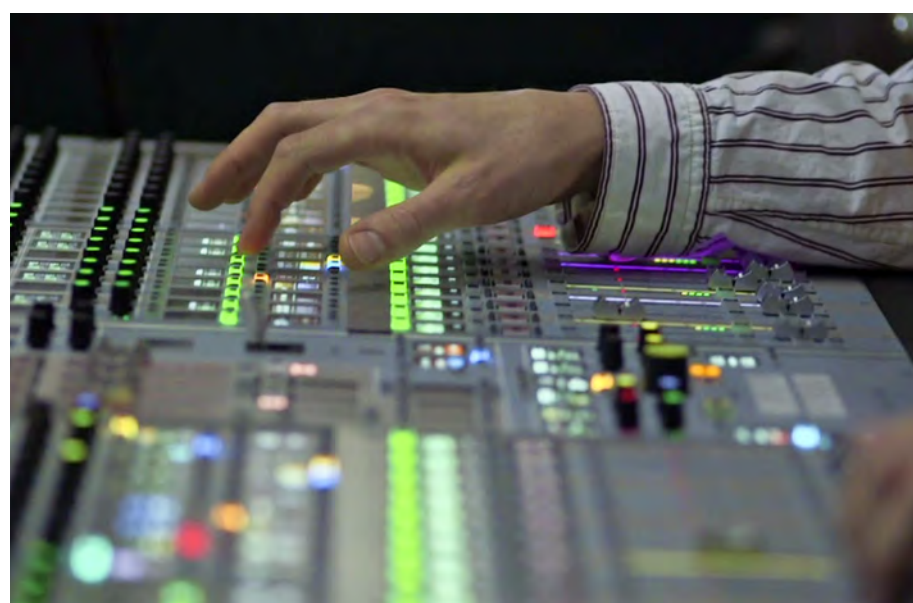
Recent film and TV productions that have used the Studios' facilities include the 23rd James Bond film Skyfall; Snow White and the Huntsman; Anna Karenina; Prometheus; Dark Shadows; The Magicians, Got To Dance and Sing If You Can.

The Pinewood Studios Group has continually invested in its facilities. Its latest investment has involved a significant upgrade to its television studios at Pinewood to High Definition. The work began in June 2012, necessitating a new cabling network to support the advanced technologies, and cope with the high bandwidth demands placed upon it. The facility was launched in September 2012.

## Cabling the path

Pinewood selected Cheyne Link, a long standing Nexans Certified Solution Partner for the project who installed a shielded Category 6A cabling system to protect against the risk of external interference. LANmark-OM3 Gigalite fibre cables were also installed in the central apparatus room and galleries.

Mike Cheyne, from Cheyne Link, explains: "The upgrade to High Definition was a rejuvenation project, and the cabling was only one part of a large project to improve the facilities and technology. Category 6A cabling was used specifically because it has a better resilience and better protection from external factors, as well as being the best for quality of signal and higher bandwidth capacity."



## The rejuvenation project

The cabling upgrade was driven by the need for all programmes on main UK channels to now be recorded in High Definition. The main challenge in the project was that the existing infrastructure had been in place for some time. "As this was a rejuvenation project, it was difficult to determine what cabling already existed, rather than being able to start from scratch. Often this led to a case of trial and error to determine what cabling was needed, to enable a successful upgrade that would support the new demands placed on the network" said Mike Cheyne.

The installation allowed the upgrade of cables in the lighting, sound and production galleries, through both studios to the studio floor.

Director of Broadcast at Pinewood Studios, Paul Darbyshire, said: "With the development of technology in the next 10 – 20 years the last thing we want to do is to remove infrastructure. Nexans have ensured the installation will allow for the possibility of higher bandwidth in the future as we move into the age of full High Definition across all channels."

## Looking forward

"With regards to the future, the Pinewood Group has plans to continue its investment in television. We already have plans for another new television studio, and will be looking to the likes of Nexans and Cheyne Link to be involved in this process"

Paul Darbyshire,  
Director of Broadcast

## About Nexans

With energy at the basis of its development, Nexans, worldwide expert in the cable industry, offers an extensive range of cables and cabling solutions. The Group is a global player in the energy transmission and distribution, industry and building markets. Nexans addresses a wide series of market segments: from energy and telecom networks to energy resources (wind turbines, photovoltaic, oil and gas or mining...) to transportation (shipbuilding, aerospace, automotive and automation, railways...).

Nexans is a responsible industrial company that regards sustainable development as integral to its global and operational strategy. Continuous innovation in products, solutions and services, employee development and commitment, customer orientation and the introduction of safe industrial processes with limited environmental impact are among the key initiatives that place Nexans at the core of a sustainable future.

With an industrial presence in 40 countries and commercial activities worldwide, Nexans employs 25,000 people and had sales in 2012 of nearly 7.2 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A.

For more information, please consult: [www.nexans.com](http://www.nexans.com) or [www.nexans.mobi](http://www.nexans.mobi)

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In addition to LANmark brand cabling systems, Nexans also specialises in LANsense Intelligent Infrastructure Management (IIM) products including Environmental Monitoring and Access Control (EMAC) devices.

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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