



Press Release

Paris Air Show
Paris, France
June 15-21
Hall 2b, Booth G77

Nexans always at the forefront of aerospace technology with the most complete offer

Nexans is launching a white paper at the Paris Air Show that looks at the company's current and future solutions for improving passenger safety, entertainment, electrical infrastructure and weight saving

Paris, June 15, 2015 – Nexans is launching its whitepaper looking at the future of cabling in aerospace at the 2015 Paris Air Show. The white paper, [*Innovative cables and cabling solutions for next generation Aerospace*](#), looks at how Nexans will serve the aerospace market.

Nexans' white paper identifies trends and challenges in aerospace, for both commercial and defence sectors in a market which is expected to grow by 3% globally this year.

Passenger safety is the top priority for commercial airlines. As a pioneer in fire safety and a champion of the highest quality standards, safety has always been a key factor in the development of Nexans' cables. The white paper addresses options for safety for airliners and cabling solutions to improve passenger entertainment and comfort, as well as other issues affecting the industry such as reducing weight and changing electrical infrastructure.

Jet fuel makes up 30% of an airline's costs hence a reduction in weight can have a significant impact on profit. With hundreds of kilometres of cable on-board every aircraft or helicopter, reducing the weight of cables without compromising on safety, performance and reliability is a key challenge for designers.

Electrical infrastructure had to adapt to keep up with the increased demand for electricity, a result of aircraft shifting towards electrical systems. Defence aircraft are moving towards fully electrical systems. Both trends increase the demand for power on board Nexans is meeting this demand with a range of compact nickel-plated copper cables which have a high conductivity or aluminium versions which are lighter.

Cables are hidden from sight but every airliner will have between 200 km and 600 km on board, connecting vital equipment throughout the plane. This network of cables makes up the internal nervous system of the aircraft. They are integral to the safety of the plane, as well as impacting passenger safety and comfort.

Fabien Bouvier, Aerospace Sales Manager at Nexans said, "*Nexans is committed to improving the passenger experience, not only by meeting every global safety standard, but by meeting the needs for comfort, in-flight entertainment and connectivity. This whitepaper redefines electrical architecture to lower maintenance costs and fuel consumption, and to create greener aircraft.*"

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.

We have an industrial presence in 40 countries and commercial activities worldwide, employing close to 26,000 people and generating sales in 2013 of nearly 6.7 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A. For more information, please consult: www.nexans.com

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