

# Paris International Aeronautics and Space Exhibition - Connected with SYSTIMAX® GigaSPEED® XL Category 6 Copper Cabling Solution

CommScope enables fast delivery and installation of high performance network infrastructure



The 47th International Aeronautic and Space Exhibition (SIAE) at Le Bourget, Paris, in June 2007 proved a major success, attracting more than 154,000 business visitors. It confirmed its place as the world's number one aeronautic and aerospace show with 128,000 m<sup>2</sup> of inside exhibition space in halls, 'villages', chalets and other buildings.

The show's combined 192,000 m<sup>2</sup> of inside and outside space for static exhibits accommodated 2,000 exhibitors from 42 countries. It also attracted more than 400,000 visitors from the general public.

After an open invitation to tender, the SIAE selected Hub Telecom as the main contractor for IT and telecommunications infrastructure for the 2007 show. Hub Telecom, part of the Aéroport de Paris Group, was chosen for its knowledge of the site and expertise in the sector. The company is known for the design of innovative solutions and advanced communication services for complex sites.

The SIAE network was based on Hub Telecom's installations at the Villepinte Parc des Expositions and that of Aéroport de Paris. The company's proposal for communications at the airshow, running IP, microwave radio links and video, benefited from its experience with these previous projects.

“ The SYSTIMAX GigaSPEED XL Solution was an obvious choice. These cables easily support very high speeds - over 1 Gb/s - and Voice over IP, lowering the cabling cost while optimizing its use for voice, data and images. ”

— Bruno Legoff,  
Project Manager, SNEF

For the SIAE cabling infrastructure, there were stringent requirements on cost, speed of installation, performance and bandwidth - in particular for telephone calls over IP. To deal with these, Hub Telecom called on the SNEF Group to implement the fixed links between press facilities, organizer's offices, exhibitors chalets and other buildings across the site. As a CommScope BusinessPartner, SNEF based its offering on CommScope's SYSTIMAX network infrastructure solutions.

Commenting on the partnership with SNEF for the SIAE installation, Jérôme Leroy, manager of the project at Hub Telecom, said: "We were very satisfied with their choice of solutions, their speed and availability".

To meet the customer's needs, SNEF installed 160 dual information outlets, connected via SYSTIMAX GigaSPEED XL copper cables, in three buildings. The GigaSPEED XL Solution is covered by 41 patents and offers performance comfortably exceeding specifications of the Category 6 standard for UTP cabling.

One of the technical challenges of this project was the large number of cables to be laid in overhead raceways. SYSTIMAX cabling had an advantage in meeting this requirement because it is delivered in boxes of 500 or 1000 meters, not on a cable drum. The boxes facilitate pulling of several cables simultaneously without need to unwind them from a cable drum.

"This made the GigaSPEED XL Solution an obvious choice", said Bruno Legoff, manager of this project at SNEF. "In addition, these cables easily support very high speeds - over 1 Gb/s - and Voice over IP, lowering the cabling cost while optimizing its use for voice, data and images."

Thanks to the partnership between Hub Telecom, SNEF and CommScope, the Le Bourget Air Show enjoyed a high performance connectivity solution that enabled rapid installation of the infrastructure and a reduced total cabling cost.

These solutions met the communications needs in the press, exhibitors' and organizers' buildings, and contributed to the over all success of the 2007 Le Bourget Air Show.

Commenting on this, Ahmed Mehdaoui, General Manager France and North Africa, CommScope Enterprise Solutions said: "At the Paris Airshow, CommScope and its partners delivered a large sophisticated physical layer network infrastructure. Fast, efficient communication is essential for major exhibitions to run smoothly. Organizers need information to flow quickly round their site so that they can control complex and intense activity over short timescales. High performance data and voice links also add value to the event for exhibitors and visitors."



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