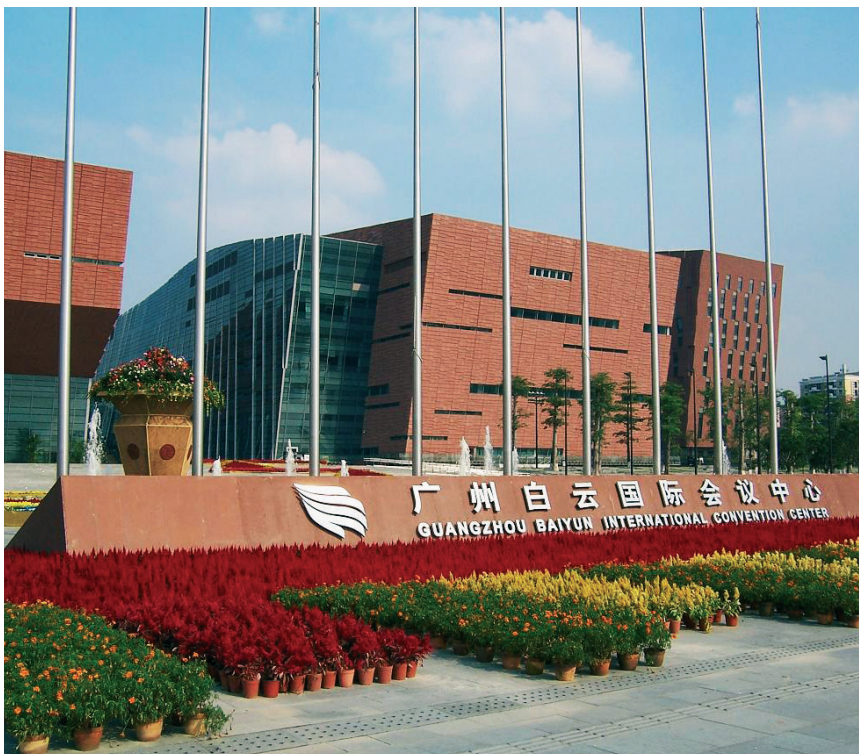


CommScope Cabling Solutions Deliver High Performance Connectivity and Advanced Infrastructure Management at \$500 Million Convention Facility

SYSTIMAX® GigaSPEED® XL, LazrSPEED® and iPatch® Solutions connect 18,000 network outlets at South China's biggest international convention center



In Guangdong province's biggest cabling installation of 2007, CommScope supplied cabling infrastructure for the new Guangzhou Baiyun International Convention Center. The half billion dollar convention and exhibition facility is a key government investment in Guangdong for 2006-2007. Covering an area of 250,000 m², it is the largest, most comprehensive and advanced convention center in South China.

Following fierce competition for the Center's cabling contract, the project team chose CommScope's SYSTIMAX copper and fiber solutions. Under the terms of the deal, SYSTIMAX GigaSPEED® XL and LazrSPEED® cabling was installed throughout the Center's five buildings. For communications rooms across the site, the team specified labor saving SYSTIMAX PATCHMAX® patching hardware.

“ We wanted a top global supplier with world leading products that could deliver an end-to-end solution. CommScope met this requirement and provided a 20-year warranty and applications assurances that is the best in the industry. Combined with the company’s positive approach and its track record of success with major projects in China, we felt these factors made CommScope products the best for our applications. ”

Professor Chen Jia Shi, Technical Director,
Project Team of Guangzhou Baiyun International Convention Center

The innovative SYSTIMAX iPatch® System for interactive, automated management of the network physical layer is also incorporated in the fiber infrastructure. This gives IT supervisors confidence that their network cabling will be a reliable, secure means to access the information in all parts of the Convention Center. Among the system’s features are real time alerts to ensure security, and one-button tracing of connections to improve manageability of the network.

Commenting on the choice of solutions, Professor Chen Jia Shi, Technical Director, Project Team of Guangzhou Baiyun International Convention Center, said: “We wanted a top global supplier with world leading products that could deliver an end-to-end solution. CommScope met this requirement and provided a 20-year warranty and applications assurances that is the best in the industry.

“Combined with the company’s positive approach and its track record of success with major projects in China, we felt these factors made CommScope products the best for our applications,” he said.

The CommScope cabling infrastructure at the Center now supports data, video and audio services for an 1,100-room hotel, 100,000 m² of convention space and a 20,000 m² exhibition area. In addition, CCTV, access control, HVAC, Fire, building automation, IP video surveillance and 24/7 monitoring systems throughout the Center are connected via the CommScope Intelligent Building Infrastructure Solution (IBIS).

IBIS provides a single, cost-effective connectivity infrastructure for many different low voltage, control, management and monitoring systems across the site. This allows its buildings to benefit from a range of solutions that improve their energy and operational efficiency, without the cost and complexity of multiple cabling infrastructures.

To deliver high performance connections across the huge site, the LazrSPEED 300 Solution supports data transmission at 10 Gb/s over distances up to 300 meters. For horizontal links within buildings, the GigaSPEED XL Solution provides 1Gb/s connections up to 100 meters. Its performance exceeds specifications of the Category 6 cabling standard in end-to-end, four-connector channels, even under adverse conditions.

In the communications rooms, PATCHMAX patch panels allow the cabling infrastructure to be quickly changed and extended. The panels are designed to accept four or eight 6-port distribution modules that can be rotated forward, allowing front access to terminals for easy cable termination.

Its modular design makes it easy to fit the required copper and fiber adapters. This cuts the cost of migrating from copper to fiber solutions since the panels can be upgraded by simply replacing their copper modules with fiber versions.

CITIC South Design Institute designed the complete system using Low Smoke, Zero Halogen versions of the SYSTIMAX cabling. This was then installed by CommScope BusinessPartner, Guangdong Industrial Equipment Installation Co., Ltd., based in the Haizhu District of Guangzhou.

The 300 strong installation team laid more than 1,200 km of GigaSPEED XL and 15 km of LazrSPEED 300 cable in seven months. They also installed nearly 1,000 PATCHMAX panels in the site’s 42 communications rooms.

Fiber connections on the site are managed using two iPatch Rack Manager Plus units. These link the iPatch intelligent panels to administrators’ PCs and other network management software. The complete system standardizes and automates procedures for moves, adds and changes. It also improves network technicians’ productivity by saving time both on routine tasks and troubleshooting.

In addition, the iPatch System strengthens network security at the Center with features such as real-time intrusion detection. Advanced switch port utilization control also helps managers at the Center deal with security issues before they become a problem.

Desktop outlets in all parts of the facility are connected via under floors cables; partition-mounted outlets are connected via dropdowns from cable ways in the ceilings. The task of connecting the Centers’ 18,000 outlets and equipping its 42 communications rooms, was successfully coordinated with other fit-out work in the Center’s five huge buildings.

“The project is notable in South China for the scale of the investment and because of its government backing,” said Charles Wong, Regional Director, Greater China, SYSTIMAX, CommScope. “It is an impressive example of what can be achieved with CommScope. It shows that we are the first choice for major cabling projects – a point re-enforced by other success stories including Beijing International Airport, China Central TV Station, Guangzhou International Airport and the Guangzhou International EXPO Center.”

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