



Roche Chooses CommScope® Network Infrastructure for New Facilities

LazrSPEED® and GigaSPEED® X10D structured cabling installation has 1,400 outlets

Roche pharmaceuticals and diagnostic businesses in Brazil are now benefiting from high performance copper and fiber network infrastructure from CommScope. SYSTIMAX GigaSPEED X10D and LazrSPEED Solutions are supporting 10Gb/s connections in the network backbone and 1Gb/s to the desktop. Together, they provide a reliable platform for current and future generations of data and voice applications.

Roche Diagnóstica is the world leader in in-vitro diagnostics and its sister company, Roche Farma, is a world leader in innovative cancer drugs. The two companies have chosen products from CommScope Enterprise Solutions for the network installation in a new facility in Sao Paulo, Brazil. PWP Telecom implemented the network with products from CommScope's SYSTIMAX infrastructure solutions range provided by Paris Cabos, a Policom Group company.

The new network serves the whole Roche Diagnóstica division and part of the Pharmaceutical division, including the Virology and Oncology areas. Installations include data backbones using LazrSPEED fiber optic cabling and Category 6A GigaSPEED X10D UTP copper cabling; and horizontal connections using Category 6 GigaSPEED XL cabling.

The new network backbone increases data transmission speeds from 100Mb/s to 1Gb/s, and access ports have been upgraded to 1Gb/s with the Category 6 cabling. The network provides both high availability and performance to support IT systems, IP telephony and business-applications such as SAP and Siebel. It has a total of 1,400 outlets and connects 700 workstations.

Herbert Pires, Services Coordinator at Roche, says the factors contributing to the choice of SYSTIMAX technology include: "The extended warranty, innovative products, immediate delivery and technical/sales support."

He also liked the strong customer service, commitment to product and installation delivery, and the global quality standards of Paris Cabos.

"We have always used SYSTIMAX technology because it meets our global quality and performance standards and in this case, the great job done by PWP Telecom was key to the success of the project," he emphasized.

The three-storey building that houses Roche Diagnóstica and Roche Farma has two telecommunications rooms per floor and two telecommunications cabinets per room. It also has a telecommunications cabinet in the data center, which is on the third floor.

The data center is connected to telecommunications rooms via six LazrSPEED 150 cables, with six optical fibers each capable of operating at up to 10 Gb/s over 150 meters. Twelve Category 6A GigaSPEED X10D connections, also with 10 Gb/s performance potential, form a redundant secondary backbone linking with the telecommunications rooms.

"The factors contributing to the choice of SYSTIMAX technology include the extended warranty, innovative products, immediate delivery and technical/sales support."

Herbert Pires,
Services Coordinator at Roche

LazrSPEED 550 connections with six optical fibers, originating in data centers in other buildings on the site, form the campus backbone for data applications. An optical distribution frame with SYSTIMAX 600 G2 hardware is used to terminate fiber optic cables by means of fusion splicing.

A 50-pair telephone cable was installed for the primary voice backbone. This connects the main distribution frame of the PABX located in building 35 with the secondary distribution frame installed in the Data Center of building 38. This forms the campus backbone for voice applications.

The installation has a 20-year warranty for SYSTIMAX solutions, products and applications said Ricardo Daizem, Sales Manager, Brazil, CommScope Enterprise Solutions. "SYSTIMAX GigaSPEED XTOD cabling is a next-generation copper solution providing about double the bandwidth of Category 6 products. It supports the bandwidth needs of today's most demanding enterprise applications including high-resolution video, grid computing and distributed processing."



www.commscope.com

Visit our Web site or contact your local CommScope representative for more information.

© 2011 CommScope, Inc. All rights reserved.

All trademarks identified by ® or ™ are registered trademarks or trademarks, respectively, of CommScope, Inc.

This document is for planning purposes only and is not intended to modify or supplement any specifications or warranties relating to CommScope products or services.

CA-A-34 06/11