

GreenLine Saúde Invests in CommScope's SYSTIMAX® iPatch® Technology to Cut System Management Costs at New Maternity Hospital



Sao Paulo hospital opts for advanced infrastructure management system to give administrators greater knowledge, vision and management control over 5,000 outlet network. With SYSTIMAX iPatch technology, managers optimize network efficiency, reduce downtime and save time in data center operations.

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— Roberto C. do Val,
GreenLine's IT Coordinator

The GreenLine Saúde hospital network in Brazil, comprises about 70 general hospitals and acute care hospitals. In addition, it includes over a thousand treatment facilities such as doctors' surgeries, labs, and clinics. The organization also has its own infrastructure, operating with four modern units that offer a differentiated service to all customers.

At GreenLine Saúde's new maternity hospital, being built in São Paulo, Brazil, Projeto TI is implementing a network infrastructure with 5,000 access points. To do this, it will use CommScope's SYSTIMAX iPatch technology provided by CommScope BusinessPartner, Paris Cabos, a Policom Group company. This solution will minimize costs by efficiently managing the voice and data system that serves the hospital's administration, reception, nursing, ward and laboratory areas.

This is the first time GreenLine has opted for this technology. The decision was based on the product quality of SYSTIMAX Solutions, a leading brand in the CommScope portfolio of infrastructure solutions. The quality of Projeto TI and Policom Group services was also a key factor in making the choice.

The network implementation at the new maternity hospital is being carried out at the same time as the civil works on the complex, which will consist of two 14-story towers. These will meet modern hotel management standards and should be completed in 2010.

Roberto C. do Val, GreenLine's IT Coordinator, said that, at present, 10 percent of the whole network is in operation on the two completed floors. "One of our main goals for this unit is to offer seamless customer service; that's why the network features a high level of redundancy. It ensures reliability, high communication speed and management capability, in addition to scalability and security. Each maternity room has around seven voice, data and intercom access points," he pointed out.

According to Marcos Taboada, Commercial Director of Projeto – Services and Connectivity, GreenLine Saúde spares no efforts in acquiring the best hospital solutions - not only technologies but the structure of the whole undertaking. "We want to be a benchmark in maternity services from a hospital perspective, so it is essential to use advanced technology," he added.

The SYSTIMAX iPatch system chosen for the Sao Paulo project integrates management software with copper and fiber hardware to give real-time monitoring and control over network infrastructure. The system provides network administrators with a greater vision while cabling coordinators are given full management control. At the same time, cabling technicians are given information to help optimize network efficiency and reliability, and reduce unplanned downtime.

The iPatch system enables constant monitoring and checking of every network port, and stores connectivity information in a central database. Electronic service orders eliminate the need for paper-based forms, thus improving productivity and speeding up moves, adds and changes. The work on each patch panel is guided by visual and sound signals to virtually eliminate connection errors, saving time and effort in data center operation.

As explained by Ricardo Mattiello, Strategic Accounts Director at CommScope Enterprise Solutions: "When a problem occurs, the iPatch system automatically alerts the network administrator through an event notification system. It also alerts the technician through iPatch equipment located at the cross-connect. So, managers are instantly warned about security intrusions, unplanned changes and conditions that may cause unexpected downtime and affect business continuity."

The iPatch system is the only solution of its type able to detect and alert managers about intrusions or physical patch-cord disconnections by sending e-mails, SMS or SNMP alerts. The response time is so quick that, in many cases, problems are resolved before they are noticed by network users. It is even possible to check a new path before making the change, eliminating connection searches based on trial and error.

The iPatch system does not require proprietary patch cords or special components. Instead of having rear patch-panel cables to connect to the rack manager, there is a single, organized bus bar that gives good working space. Seen from the front, the iPatch panels have a very low profile and reduced cable clutter, making it easy to view and change connections.

"The cooperation between the companies at all project stages - as well as the support of our Paris Cabos Account Manager - led to a successful conclusion," said Marcos Taboada.



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