

SYSTIMAX[®]

SOLUTIONS

Phoenix Global Solutions Rises Above the Competition

SYSTIMAX[®] Structured Cabling Solution provides new facility with industry leading connectivity

The cabling infrastructure at Phoenix Global Solutions' (PGS) new campus in Bangalore's "Electronics City" in India, provides high-speed connections both indoor and out.

More than 2,200 information outlets at the 26,000m² software development and support facility serve a large exterior garden area as well as conventional offices. This gives staff flexibility to plug in and work outside with their laptop computers if they want to take some air.

The indoor and outdoor outlets are connected to central computers and communications gateways via SYSTIMAX GigaSPEED[®] XL connections with end-to-end performance well above the Category 6 cabling standard. Currently this infrastructure operates at 100 Mb/s, but it has potential to comfortably support Gigabit Ethernet connections.

PGS is an IT Enabled Services company, a wholly owned subsidiary of United States-based Phoenix Companies Inc., a 152-year old insurance and wealth management services company, with US\$90 billion assets under management. Phoenix has facilities in Hartford, Connecticut, in the United States and Bangalore, India, with alliance partners in Germany, Switzerland, Holland, Australia, United Kingdom, Oman, Argentina, and other countries.



PGS is an ISO 9001:2000, CMM Level 5 company and is driven by six sigma processes.

PGS has 450 employees housed in the Think Campus at Electronics City, Bangalore, including the IT and ITES (BPO & Contact Center) divisions. The central computer room and main distribution frame, housed in a geodesic dome, serve satellite communications rooms in the other two blocks.

Hardwired information outlets are an unusual feature of the installation in the garden area of the campus. These exterior outlets are mounted under benches to protect them from rain and dust. They are connected to the system's fiber backbone via SYSTIMAX PowerSUM copper cables that have been designed for exterior use.

“SYSTIMAX Structured Connectivity Solutions (SCS) are well engineered and have proven capability in installations worldwide. Our new cabling infrastructure is easy to manage and extend as we add more office space”.

Mr. S. Radhakrishna, Director of Technical Services at PGS

Within the buildings SYSTIMAX GigaSPEED XL cabling connects with pairs of outlets at each workplace. More than 90 kilometers of this cabling serves a variety of applications including database access, call center management and telephony.

Backbone connections within and between the buildings use SYSTIMAX LazrSPEED® multimode fiber with 10 Gb/s performance potential. For connections of more than 300 meters, the installation uses SYSTIMAX OptiSPEED® singlemode fiber. Six hundred meters each of the multi-core singlemode and multimode fiber cables run in underground conduits between buildings, and then in under-floor channels to the satellite communications rooms.

PGS chose the innovative SYSTIMAX 110 VisiPatch™ patching hardware for use in its communications room distribution frames. With reverse patch cord connections that eliminate patch cord "spaghetti" and clear labeling, this makes moves, adds and changes simpler and quicker. It also greatly reduces the risk of human error in making wrong connections.

"SYSTIMAX Structured Connectivity Solutions (SCS) are well engineered and have proven capability in installations worldwide," said Mr. S. Radhakrishna, director of technical services at PGS. "Our new cabling infrastructure is easy to manage and extend as we add more office space. It also provides the high performance we will need to implement VoIP applications and multimedia services in the future."

Local SYSTIMAX BusinessPartner, Network Solutions, completed the installation of the Bangalore campus infrastructure on time and on budget. Working with SYSTIMAX® Solutions and the IT Department at PGS, Network Solutions designed, planned and installed the cabling. Phased implementation began in August 2002 and the current project was finished in March 2003.

Commenting on the installation, Prasanna Kumar, Country Manager India & SAARC (South Asia Association for Regional Cooperation) Countries, SYSTIMAX Solutions™ said: "We are seeing dramatic growth in the IT sector both in Bangalore and other parts of the Subcontinent. The rapidly expanding businesses that are driving this growth need high quality cabling infrastructure as a foundation on which to build their future as world class organizations."

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