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Intergy SiteSure monitors power at new telesite

Asia is home to half the world's population and is the fastest growing region on earth. Hand in hand with this population growth is the fast-growing demand for advanced telecommunications capacity and services.

The existing regional infrastructure – originally designed for local voice traffic only – is not sufficient for the telecommunication demands of today. To compete in this environment, businesses need seamless connectivity and advanced telecommunications services all in one network-based solution.

This is where Asia Global Crossing comes in. It is creating one of the first and fastest pan-Asian networks. The 19,500km (12,200 mile) terrestrial and submarine system will link Japan, Hong Kong, Taiwan, Korea, Singapore, Malaysia, the Philippines and China.

Powerware was awarded a million-dollar contract to design and supply a DC power system to support the telecommunication equipment in the Asia Global Crossing Telesite located in Singapore.

A special feature of this DC power system is that the intelligent Intergy SM50 microprocessor controller has been configured to communicate with the Johnson Controls Building Management System (BMS) on SNMP and Modbus protocol. The high level interface provides an important and comprehensive overview of the complete DC power system with centralized management.

The Intergy SM50 also supports Intergy SiteSure - a suite of add-on modules that use the intelligence and communications capabilities of an Intergy DC power system to control and monitor building services equipment like air conditioning and security. In this case, SiteSure has been engaged to effectively monitor and control the status of the DC power system, the AC Mains condition, the primary DC distribution network, the secondary DC distribution network and the Battery Disconnecting Units.

One of the three Power Systems fitted with Intergy SiteSure at the new Asia Global Crossing Terminal in Singapore.

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