



Coselec links SingTel Building Exchanges with security system

In 1998, Coselec Pte Ltd completed installing the Guard Patrol system at all 37 sites of Singapore Telecom Buildings Exchanges. The equipment is linked to Singapore Telecom's main centre in Bukit Timah, enabling it to receive a daily guard patrol summary from all the various exchanges situated throughout the island.

With this system Singapore Telecom has most effectively streamlined its guard patrolling and created a cost effective Monitoring network.

Coselec, a Construction Industry Development Board (CIDB) certified contractor, implemented the first phase of a fully network monitoring system for all 37 exchanges early of last year. After completing the second phase, the entire system comprises dozens of data collectors, downloading units and several hundred checkpoints. These checkpoints can be surface mounted or even concealed as data collection is performed without having to touch them by means of a lightweight hand-held RF data collector. This technology has the advantage over others, such as bar code or magnetic. It can be used in any kind of environment and thus is not susceptible to Singapore's hot and humid weather conditions.

The downloading unit that is located in each centre is connected to a modem. This enables a fast transmission of the collected data to the PC system at the main centre in Bukit Timah. The transmitted data is then immediately processed and provides the Security Supervisor with an instant summary of all patrol activities. In different comprehensive reports the supervisor can review not only the performance, but can also detects any deviations or irregularities. This allows the security management to act swiftly and to prevent eventual losses or damages. Singapore Telecom is using Deister's most advanced and powerful evaluation software program, the Master Patrol I, which is specially designed to cater for the processing of very large data. It can capture up to 50 000 unique checkpoints and can be extended to a maximum of 5000 different locations. The software runs either on Windows95 or NT and is the most effective currently available in the market. The entire system complies of course with the Year 2000 standard and thus allows a smooth functioning into the next millennium.