

Malaysia's Petronas Towers: A tall order for TETRA

The latest digital communications technology is helping to secure the world's tallest twin buildings. A TETRA network provides seamless communications throughout the buildings, including the basement, core machinery area and fireproof stairwell. It is used by the security and maintenance teams as well as by health and safety personnel. The network is also providing excellent radio coverage for neighboring buildings in Kuala Lumpur city centre.

The Petronas Twin Towers need excellent communications to manage the prestigious 1 million square metre complex. The buildings play host not only to oil and gas company Petronas, but also house the offices of a number of other companies. All the offices perch on top of the Petronas Philharmonic Auditorium and a shopping mall.

The Claricor® TETRA System was provided and set up by SLW Corporation, a value-added-reseller for EADS Secure Networks in Malaysia. The turnkey project included pre-project assessment, system design, supply, installation and commissioning, as well as training. The contract also involves the supply of EADS THR880i portable terminals. At the heart of the system is a multi-carrier TB3 base station.

"This project is a major challenge and SLW successfully completed and implemented the system within 30 days with support from EADS. On-going works include enhancing the in-building coverage for the core areas, evacuation stairwells and underground areas," says Mr. Tony Lee, Managing Director of SLW. "It is a key reference site for EADS in Malaysia that will cover most of the commercial business districts in the city centre and also cater for the 5-star hotels, KLCC Convention Centre and business centres in the vicinity."

In addition to setting up a number of TETRA networks, SLW has also delivered EADS TETRA THR880i radios to major customers such as the Tanjung Pelepas Port (Operations and Security) and the Petronas oil refinery. These clients needed highly reliable, ATEX-approved radios

