



Case Study - Highway System

Viapar Brazil

Many businesses are now facing the dilemma of choosing between field-proven analogue mobile communications systems and emerging digital technology.

By choosing a sophisticated TaitNet trunked radio solution Viapar, a Brazilian highway management company, has an advanced, dependable system that will meet its needs well into the future.

Viapar is responsible for a length of highway used by up to 100,000 vehicles every day. It provides traffic inspection, ambulance, security, tow truck, road maintenance and crash investigation services. It even has grief councillors to assist victims of road accidents.

Their new TaitNet system includes automatic vehicle location (AVL) and text messaging.

"These are the types of data features many customers are looking for in a digital system," says Tait South American Sales Specialist, John Billows.

"But Viapar has the benefit of this advanced functionality using our MPT 1327 analogue trunked radio



Tait staff get to commission system equipment in some of the world's most scenic spots, including the Foz do Iguacu Falls in Southern Brazil.

technology, a mature and reliable solution proven all around the world for more than a decade."

AVL enables Viapar to monitor the location of its vehicles over a 1000km stretch of highway in Southern Brazil. Tait's specially designed despatcher terminals enable text messages to be sent between the despatcher and vehicles. The despatcher also has full control of voice calling on the system, which has powerful features for group control and call patching.

The system also has sophisticated individual and group voice calling

options, including priority calling for emergency vehicles.

Viapar's 70 vehicles have Tait T2040 trunked radios, many with mobile data terminals (MDTs) and Global Positioning System (GPS) units. They communicate over a ten-site T1540 trunked radio system covering the entire length of their highway.

The system was supplied through Brazil System Integrator SGM Telecom, a company with excellent technical resources.

"Their system installation was excellent, helping our engineers to commission

the system in just three days. Everything was operational within two weeks," says John.

Tait supplied the Viapar system to a tight six-week deadline. Of particular concern was the prospect of Customs delays as Brazil is renowned for having rigid import requirements.

"SGM Telecom gave us very specific documentation and labelling instructions that added to the work of our logistics people. But there were no delays and with a complete team performance the system was installed and operational on time."