



SAO PAULO MILITARY POLICE, BRAZIL

CASE STUDY



Customer profile

The largest Police force in Brazil

Applications

- P25 digital system

Business benefits

- Secure communications
- Open standard technology
- Digital/Analog interoperability
- Coverage (high power radios)
- Competitive pricing
- Exceptional audio quality
- Robust and user-friendly terminals

Products used

- 625 X TM9155 conventional P25 digital Mobile radios (50W)
- 555 X TP9155 conventional P25 digital Portable radios (5W)
- All terminals include DES encryption and OTAR

THE CUSTOMER

The Sao Paulo Military Police (SPMP) is the largest Police force in Brazil and one of the largest in the world, employing over 130,000 personnel. Responsible for visible street policing, anti-rioting and general preservation of public order, the SPMP comprises 28,000 radio users across the state of Sao Paulo.

THE CHALLENGE

The SPMP felt there was a need to improve the security of their communications and safety of their personnel due to the growing threat of organised crime within the Sao Paulo state. They therefore selected highly secure digital P25 radio communications to gradually replace their old analog network and prevent clandestine interception of their communications.

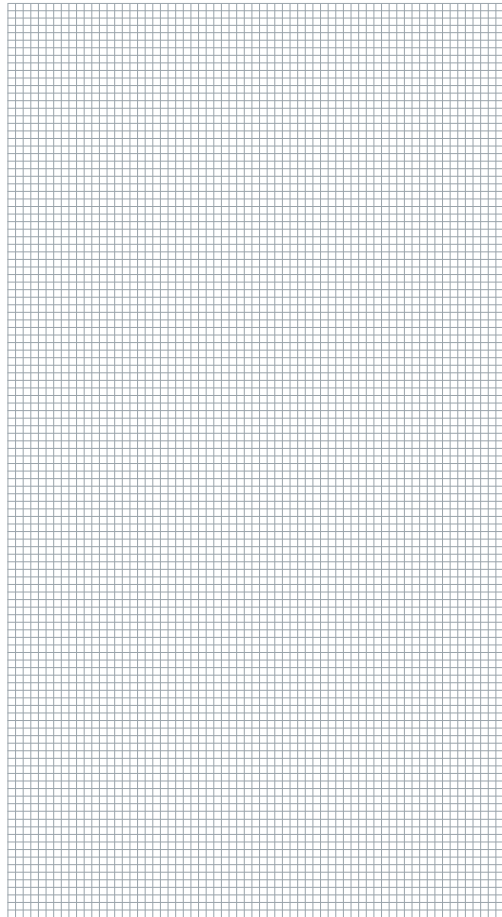
The SPMP looked to Tait as a trusted, reliable and P25-compliant supplier to provide 1180 digital P25 terminals that could be used on their existing P25 network. These terminals came complete with highlevel DES encryption and Over The Air Re-keying (OTAR) for fast and efficient management of keys for added security.

Open-standard APCO P25 technology was of critical importance to the SPMP so that they are not "locked in" to purchasing from one manufacturer and could benefit through price competition.

"They selected highly secure digital P25 technology to prevent clandestine interception of Police communications by crime syndicates... When they did their research and looked at the other vendors of this technology, it became clear that Tait is a quality provider. Yet their sophisticated digital radios are also competitively priced."

Kazimierz Malachowski
Commercial Director
SGM

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THE SOLUTION

Being P25-compliant, Tait's P25 terminals operate in dual (analog and digital) mode meaning they are fully interoperable with existing Sao Paulo Public Safety analog radios.

As well as providing interoperability with Civil Police and Fire Department communications, this has allowed the SPMP to gradually migrate their network to digital over a 5-year period, significantly reducing capital outlay.

The SPMP have been highly impressed by the exceptional audio quality and robustness of Tait P25 digital radios and are now benefiting from these advantages in the field.

MORE INFORMATION

For news, product specifications, comprehensive technical information and contact details of your nearest Tait service facility, please visit

www.taitradio.com