

Oil Company Colombia

Case Study



THE CUSTOMER

A major international oil company has a network of oil wells and a large processing plant deep in the Colombian jungle, together with a pipeline to the coast.

SITUATION

For an oil company, poor communications can have a high cost – both money and lives. This company wanted to replace its old conventional system, which had congested channels, with a reliable trunked network with call groups for different operational areas and emergency calling to link all staff.

RESPONSE

Tait initially provided a five-site, 40-channel TaitNet system connecting 1500 staff at the oil wells and processing plant. About 700 Intrinsically Safe portables and mobiles are used on the system, which features a dispatcher facility with telephone interconnection. In 2006, they upgraded the trunking system to a more advanced system - the TN5100 trunked radio system. To cover a new geographical area, an extra site was added.

During this upgrade, the company also opted to upgrade the Network Management Terminal to allow a greater level of remote functionality. The oil company in Colombia can now enjoy effective wide-area coverage and reliable communications between different operational groups throughout the field.

Some of the largest and most complex organizations in the world are putting their trust in trunked solutions because the benefits are proven; control, efficiency and cost-effectiveness.

The greater channel availability of the trunked radio system means users can communicate when they need to, without having to wait for a channel to become free or having to hear other groups' conversations. High audio quality allows for clear voice communications throughout the network.

Low operating costs due to the new remote monitoring features that the trunking system offers allows more efficient co-ordination of activities between the processing plant and oil wells.

OUTCOME

The upgrade to the TaitNet system provides users at the oil company with enhanced security and instant, dependable communications across the network. The oil company is also considering data options available with a TaitNet system that can further improve security, such as Automatic Vehicle Location.

MORE INFORMATION

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

CUSTOMER PROFILE

An oil company in the remote jungle of Colombia, South America.

APPLICATIONS

- ▶ TaitNet MPT 1327 system
- ▶ Conventional radio network

BUSINESS BENEFITS

- ▶ Quick, dependable mobile communications
- ▶ Improved security
- ▶ Remote monitoring and configuration
- ▶ Enhanced voice and data feature set
- ▶ Spanish user interface
- ▶ Stun and revive features

PRODUCTS USED

- ▶ TaitNet trunked radio network
- ▶ Tait mobile radios
- ▶ Intrinsically Safe portables

Tait is a global leader in designing, delivering and managing innovative communication solutions that help utilities and public safety organizations to keep the lights on and communities safe.

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