

LUKOIL IMPROVES SAFETY AND EFFICIENCY

BY IMPLEMENTING SINGLE-SITE DIGITAL TRUNKING SYSTEM IN BULGARIAN OIL PORT TERMINAL



SINGLE-SITE DIGITAL TRUNKING SYSTEM CONNECTS THE LUKOIL NEFTOCHIM BURGAS OIL PORT TERMINAL

Lukoil, one of the largest oil producers in the world has successfully implemented a DMR Single-Site Trunking System to improve communication between various production units, right from extraction to the finalization of the finished product. American International Radio (AIR), a leading communication solutions provider together with its strong local partner Komtek 2006 Ltd. have successfully implemented a Single-Site Digital Trunking System for Lukoil, the Russian based petrochemical giant.

Komtek 2006 Ltd. had won the tender in 2010 for the project which involved creating a communication backbone between various production units at Lukoil Neftochim Burgas, an oil terminal in Bulgaria. The biggest challenge was the safety of the staff and equipment considering the hazardous environment in which the project had to be implemented.

The 6 channel capacity built system is capable of supporting 14 groups with 10 to 15 subscribers and has a voice recording system. Two of the engineers involved had attended a DMR Technical training course organized by AIR in Berlin in 2012.

BENEFITS

- Exchange Information without extra frequencies
- Offers greater coverage
- Provides better connection
- Increases the productivity
- Integrates voice and data applications
- Improved communication security
- System wide-calling

SOLUTION

DMR Tier Two System providing:

- 6 channel capacity
- 14 groups with 10 to 15 subscribers
- Voice recording system

BENEFICIARY INFO

LUKOIL

INDUSTRY

OIL & GAS

LOCATION

BULGARIA

LOCAL PARTNER

KOMTEK 2006 LTD.

EXPAND THE CAPACITY OF YOUR DMR COMMUNICATION WITH SINGLE-SITE DIGITAL TRUNKING SYSTEM

The implementation of the project involved careful planning by the engineering team who worked alongside the team from Lukoil.

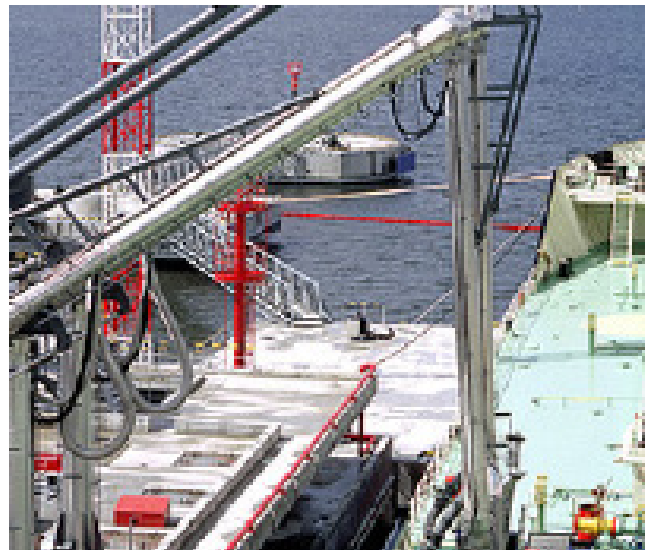
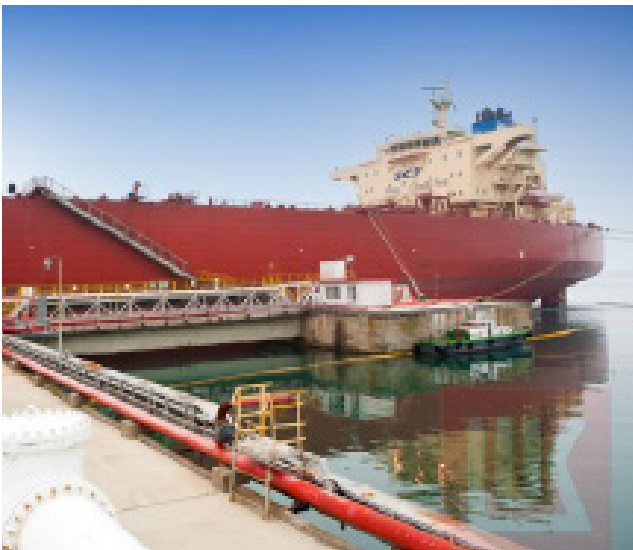
The first step involved the verification of radio coverage and identifying a place to build the new system. Once this was done, the team worked on the design, supply and installation of the components of the system. Specifications of the working groups, subscriber and programming were decided in the next stage.

The final step involved commissioning and testing.

"WE CHOSE TO WORK WITH KOMTEK 2006 LTD. AND AIR FOR THEIR EXCELLENT TECHNICAL SUPPORT. EVERYTHING WAS DONE AS PROMISED AND ON TIME."

Ivan Dimitrov, Telecommunications Department Manager, Lukoil-Neftochim

According to Mr. Ivan Dimitrov, head of Telecommunications department of Lukoil-Neftochim Lukoil's partnership with Komtek 2006 Ltd. and AIR has been one that has evolved from an external vendor to a trusted partner.



ABOUT AIR

AIR is a premier technology company distributing wireless products and solutions for an array of vertical markets. American International Radio is recognized as the Largest Motorola Distributor in EMEA.

We are a System Integrator providing Professional Communication Solutions by developing software and hardware, customized Mobility & IT applications and solutions, and enhancing the functionality of standard products.

Our solutions offer modular support, flexibility with architecture, easy data migration, multi-frequency, multi-system Interoperability with various platforms, enhanced spectrum efficiency, integrated privacy and are scalable from single site to nationwide systems.