



PRORADIO COMUNICACIONES IMPROVES THE DIGITAL COMMUNICATIONS SYSTEM OF OLEODUCTOS DEL VALLE WITH **MOTOROLA SOLUTIONS** PRODUCTS



PRORADIO COMUNICACIONES USED AROUND 130 RADIO COMMUNICATION EQUIPMENTS AND 11 REPEATERS PROVIDED BY MOTOROLA SOLUTIONS.

THE COMPANY

Oleoductos del valle

Since 1993 it operates an extended system of hydrocarbons with a national scope. Currently, it is in charge of the development, operation, and maintenance of a comprehensive network of pipelines of more than 1,700 kilometres that starts at the Neuquen's basin, and flows into Puerto Rosales, in the vicinity of Bahía Blanca city.

The results of this operation are of vital importance for the development of the oil activity in Vaca Muerta's area.

THE PARTNER

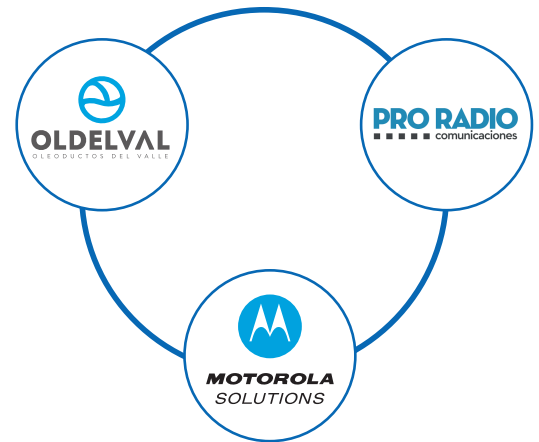
ProRadio Comunicaciones

Leader company in the field, with the needed expertise for the correct integration of the different technologies that make a global telecommunications project: from the final product to the user, going through wired or wireless connectivity, to the assembly of the necessary structures.

THE CHALLENGE

Operators communications were improved along the trace, diminishing operational and human risks. The project was very difficult logistically speaking, added to the fact that it had to be developed in times of pandemic as a result of the COVID-19 virus.

A meticulous work schedule had to be proposed which, together with strict sanitary protocols, allowed the project to be successfully developed.



SYNTHESIS OF THE IMPLEMENTATION

Company:
Oleoductos del Valle
<http://www.odelval.com/>

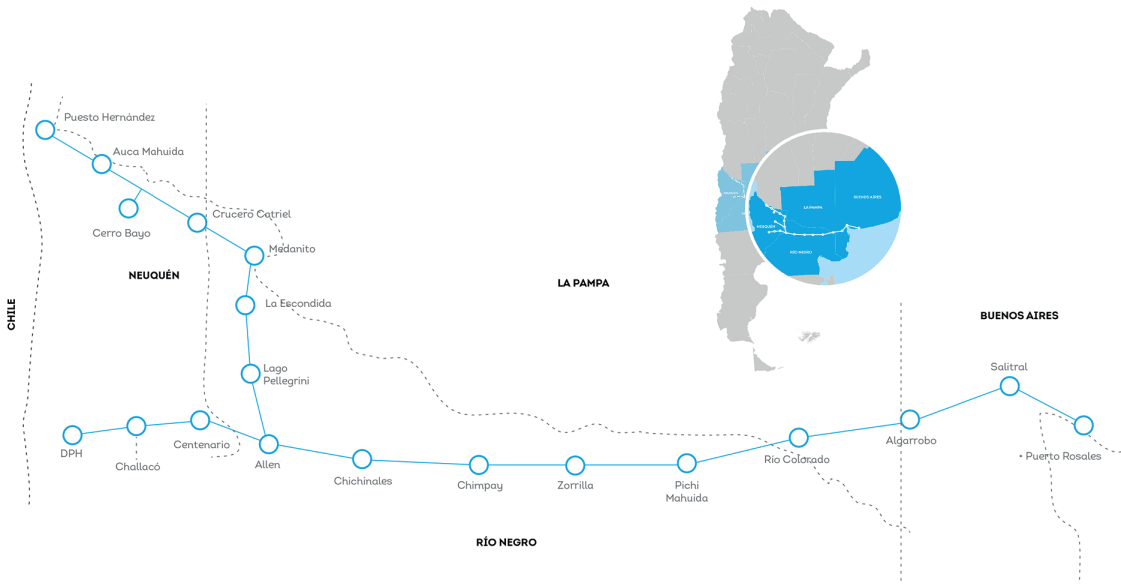
Location:
Patagonia Argentina

Vertical / Industry:
Energy & Utilities

Integrated solution company:
Proradio Comunicaciones,
Buenos Aires City, Argentina

MOTOROLA SOLUTIONS PRODUCTS

- 11 SLR 5100 VHF repeaters
- 60 DGM 8500e VHF equipment
- 20 DGM 5500e VHF equipment
- 50 DGP 8550e VHF equipment





THE SOLUTION

In order to provide the efficiency and security needed for the provision of the hydrocarbon transport service, ProRadio Comunicaciones carried out a coverage study of the area operated by the client, moving forward with the installation of 11 high-performance repeater stations provided by Motorola Solutions.

130 high-performance digital radio communication terminals were provided which, using the repeater stations, connected all the employees deployed on the pipeline, to a dispatch and monitoring centre.

The project was developed in 3 stages that included: the survey of the current infrastructure, the implementation, and finally, the start-up of the new digital system.

In addition, the Trbonet management software was included in the system, which allows, through metrics and statistics in real-time, to provide great added value to the client.

THE BENEFITS

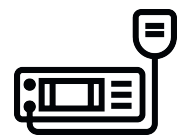
After the implementation of this project, the entire pipeline route operated by the client is able to communicate in its entirety. The emergency and man-down alarm functionalities allow us to provide a service of the highest international standards.

“The VHF communication service, is key to Oldelval’s operations, given its geographical distribution. In addition to the constant innovation that we seek, together with ProRadio Comunicaciones, we implemented a totally digital system, which allows us to strengthen even more the Telecommunications.”

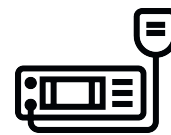
Matias Renteria - IT Manager



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