

REPORTING APPLICATION FOR PIPELINE MAINTENANCE

Since 1993, TRANSPETROL has operated an oil pipeline network in Slovakia. It provides transit and domestic oil shipment and storage.



At QBSW, we developed the IncCONTROL solution for TRANSPETROL to make work in the area of long-distance pipelines maintenance more efficient. These pipelines run across the whole country, and employees

from various departments, along with associated technology facilities, perform their regular inspections in the field. The results of the inspection are recorded via the mobile application to incCONTROL solution.

WHAT WAS THE CUSTOMER NEED?

For long-distance pipeline maintenance, terrain personnel, prior to deploying our solution, inspected the pipelines and equipment and filled in paper forms, where they recorded the parameters and deviations from the required status. These were then manually rewritten at the headquarters into electronic form.

TRANSPETROL approached us with the demand to modernise the process and make it more efficient. We designed and developed a reporting application thanks to which employees can record data on incidents during inspections directly to their mobile phone.

WHAT CHALLENGES DID WE FACE WHEN WORKING ON THE PROJECT?

The biggest challenge was the recognition of business and technological processes on the customer's side as we did not have previous experience in this industry. For TRANSPETROL, we had to design a completely new comprehensive information system which had to be

logical, consistent, and had to meet all the requirements of the customer's procedures. Another challenge was to design a mobile application as part of the solution that will work both offline and online and will be easy to use for long-distance pipeline maintenance personnel.

WHAT CHALLENGES DID WE FACE WHEN WORKING ON THE PROJECT?

As we designed the whole solution at QBSW without detailed inputs and limitations on the customer's side, we could be creative and we were able to design a completely new and intuitive solution. We managed it in less than a year, including integrating the solution into the existing customer infrastructure through standardised interfaces.

TRANSPETROL has been successfully using the incCONTROL solution for several years, improving, expanding and modernising it with our customers every year. We have made processes and activities on the TRANSPETROL side more efficient and have helped to plan work-flows more efficiently, reduce error rates, and provide a faster response to incidents detected in the field.



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