
Incident & Behavior Analysis

Reporting automation for Oil & Gas company

Starting Situation

The client is an oil and gas exploration and production firm that owns and operates numerous facilities. The organization collects work accident reports from all around the facilities and analyses them based on several factors (root cause, incident area, human behaviours, etc.).

The client was looking to automate the reporting process, using a new application. Part of the challenge included reprocessing of 350+ existing files with an average handling time of 1 hour each.

Our Approach

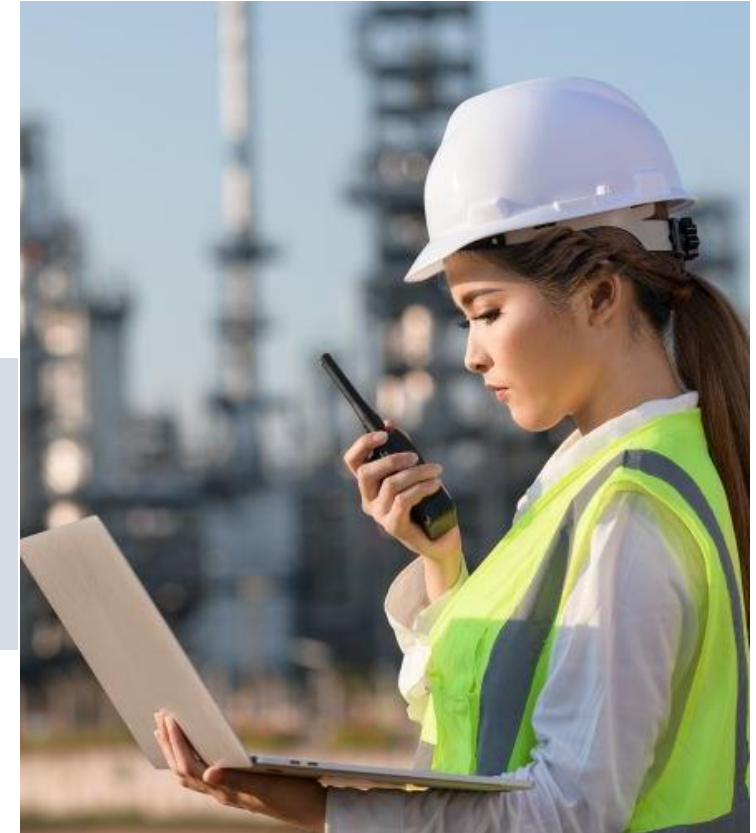
After analysing the end-to-end process we designed a new automated solution that extracts the required data from available sources, generates a report and updates the reporting application.

The new solution could also be applied to recreate prior reports and ensure a complete transition to the new system, with all relevant information being available from a single source of truth.

Benefits Delivered

The automation immediately saved **45 days** of processing time, which would have been required if existing incident reports were recreated manually. It also allowed the team to have a smooth transition to the new reporting system. The new process eliminates manual data extraction, reduces handling time and also improves the accuracy of the analysis.

The automation frees us team capacity of **a half-day each week** to devote to more value-added activities like incident investigation and prevention, rather than spending time on repetitive, manual and automatable tasks.



Report Automation
Payback Period <9 months