



≡ Case Study

# PERUVIAN O&G LEADER MAKES MAJOR **SAFETY** **UPGRADES** AMIDST A RAGING PANDEMIC BY GOING **DIGITAL**

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# Maximl and DuPont Sustainable Solutions partner to help a Peruvian Oil & Gas major to implement digital solutions to safeguard their employees at the onset of Coronavirus pandemic.



Client

Peruvian Oil & Gas Leader

Presence in Peru across 4 zones

1700+ Users

## Key Results



Developed a contactless system for 1700+ users by transferring all paper and email-based operations to mobile and web applications.



Daily check-ins, COVID updates, sworn statements, and contact logs were established and digitally integrated into the system.



Travel authorizations, being a major part of the company's functionality, were transformed digitally resulting in increased efficiency.



Multiple dashboards were created to provide a centralised view of the data flowing in from Peru's four operating zones.



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## Challenge

The majority of personnel management and authorization procedures were carried out using paper or mail-based methods, which created an impediment when the Coronavirus struck. Because the company was gathering and analysing data through paper procedures, tracking and processing data across the four zones was particularly problematic. With the system in place, obtaining any useful analysis was a struggle.

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## Problem

In the Oil & Gas industry, employees are required to conduct more manual labour and companies are expected to maintain a high level of safety culture to protect them. The organization's safety policies were not up to the task of dealing with the pandemic, therefore it needed a major upgrade and had to turn to digital solutions to meet the immediate needs of staff working during the pandemic. Due to a reliance on stacks of paper and mails, the customer was unable to track movements between the four zones, resulting in mistakes in their evaluations.



Coronavirus posed new problems that could not have been solved with the client's current system, which was paper-based and depended on mail.



The old system was not digitally advanced enough to track, assign, and evaluate tasks adequately due to new restrictions, working abilities, and changing scenarios the company had to operate under.



As employee safety became a higher priority, the hazards of continuing with paper methods became dangerously high, necessitating a digital transformation.



Inconsistencies in the data being collected and processed across the four operating zones resulted in faulty analysis due to the lack of a centralised system.

# Solutions

Along with our partner, DSS, we designed and deployed digital solutions on Maximl's Connected Worker Platform to implement enterprise-wide digital safety procedures in accordance with COVID prevention goals.



## Digitized Contact Tracking

We set up various digital workflows to monitor employee well-being and establish proactive safety measures across the zones.

- Daily check-ins: Employees filled out a digital checklist every day which consisted of questions to gauge if the employee is at risk from COVID.
- Contact Log: Employees logged the people they personally meet, which is useful to trace the contacts in case of a COVID infection.



## COVID Case Management

To effectively manage any COVID case that gets found within the company, we built a digital COVID Management application. It consisted of extensive details regarding the test results of the employee and the suggested action plan for that employee. It was used by the doctors to collaborate to manage the COVID cases.



## Digital Travel Authorization

To limit interaction among employees, a digital permission system was established so employees could remotely request authorization to travel between zones only if necessary. Managers could easily review requests and send approvals if interactions were deemed necessary and safe for all involved.

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## About Maximl

Maximl's Connected Worker Platform is built to drive adoption among deskless workers and enable Standard Work Implementation on the field. Our low code platform hosts a powerful suite of mobile-first solutions that are customization-friendly and scalable.



Digitize hundreds of rigid paper-based SOPs and convert them into interactive work instructions that can be deployed within weeks.



Trigger corrective actions based on deviations recorded in key metrics.



Conduct digital inspections across the value chain- from industrial assets, workshops, warehouses, to contract partner locations.



Leverage rich analytics to continuously enhance workforce performance with digital implementation of Kaizen, Six Sigma and Lean initiatives.

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## Request a demo today!

To book a demo, please visit [maximl.com](https://maximl.com) or, email us at [hello@maximl.com](mailto:hello@maximl.com)



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