



E-Permit to Work

Reducing Risk & Improving Safety



Oil & Gas Industry



ConocoPhillips is the world's largest independent E&P company based on production and proved reserves.

Across 17 countries of operations, 10,800 people work in an integrated way to find and produce oil and natural gas. They are challenged with an important job to safely find and deliver energy to the world.

The Challenge

Finding a 'real time' agile solution that can support a high risk and multifaceted business both on/offshore.

"No task is so important that we cannot take the time to do it safely". A safe company is a successful company, so minimising and mitigating risks was another priority for ConocoPhillips during this project.

Identifying a software solution that could support our teams in the field while giving real time overview to our Safety Leaders was imperative.

The Goals

A single cloud-based software system to manage

- Onboarding, licenses, and insurances for 3PL contractors.
- An easy-to-access and easy-to use portal/interface for end users, including full mobile functionality.
- High Risk Work Management, Work Permitting, and Safety Management.
- Comprehensive, real-time reporting.
- Clear, 'traffic light' system to provide visual indication of compliance to legislation and ConocoPhillips's compliance framework.

ConocoPhillips required a system that could be implemented 'Out-of-the-Box' (OOTB), and then be configured to the specific requirements of a high risk, large multifaceted business and scaled when required. They needed a solution that could be implemented quickly and easily, whilst also being highly configurable which is an important aspect of our continuous improvement program.

It is always a challenge implementing new systems, particularly where there is a reliance on multiple stakeholders, so finding an agile and responsive provider was another key driver for ConocoPhillips. Knowing Beakon had delivered exceptional customer service standards previously, and that we remain flexible to meet evolving needs, supported their decision to engage Beakon for this project.



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The Outcomes

Conscious that Beakon delivers OOTB best practice as an ISO compliant framework, ConocoPhillips elected to initially use Beakon with minimal customisations, deploying the system to a live environment and making changes as required. Beakon software for compliance and contractor management is a fantastic asset, with a very user-friendly interface. This has been instrumental in centralising ConocoPhillips contractor and third-party compliance management together with an electronic Permit to Work platform.

Managing a high-risk work environment with a variety of specialty trades, operations and environments ConocoPhillips now has peace of mind that third party contractors are coming on site, licensed, trained, qualified and insurance each time, every time. That combined with clarity on which work orders require 'Permit to Work' documentation and additional attention they are 'audit ready', compliant and risk mitigating every day, every job, every person.

One of the unexpected benefits for ConocoPhillips was the powerful Audit Module being used not only to help onboard contractors but to create, manage and schedule internal audits and inspections.

Ultimately ConocoPhillips, with the help of Beakon, were able to close some known risk gaps in an effective, efficient and future proof way. In addition, they were able to provide senior leadership with insight rich dashboards, functional reporting and evidence of improved safety outcomes through internal auditing.

Advice for Others

If you have a tight timeframe to implement, get the fundamentals right and adopt a staged approach using most functionality 'Out of the Box'. Fortuitously, Beakon's off-the shelf framework is ISO-based giving you a real 'rapid implementation' option.

Upfront, design workshops, give your team an opportunity to consider all aspects of workforce management that may otherwise be overlooked and it also provides the opportunity to make decisions that will future proof the system through further expansion when required.

Clear communication on goals meant Beakon was able to deliver beyond initial expectations, providing the powerful Audit Module as part of Contractor Management but with unlimited potential for internal/external audits and inspections.

With Beakon doing all the heavy lifting to ensure only compliant (licensed, insured, trained, capable) contractors can be allocated to a Work Order, together with driving the safety process with automatic creation of Electronic Permits to Work for high-risk activities it was highly successful project.



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