



Defense Industry

Our client is a multi-national organization providing sophisticated componentry to the Defense Industry. They operate in an incredibly regulated sector and perform a range of high-risk work as part of the manufacturing process. It is essential they meet, ever-increasing, stringent legislative requirements, particularly in Permit Issuing, Permit Tracking, and LOTO to ensure the safety of workers and compliance as a preferred supplier.

The need to manage the highly administrative process more efficiently and remain successful in such a competitive environment began their search for a digital solution.

The Challenge

Finding an agile solution to identify and manage Permit to Work obligations, together with the administration of the two-way workflow, all in real-time.

Our client also aspired to have the solution automatically identify the most appropriately compliant and qualified contractors to suit Work Orders raised via Maximo (IBM).

Taking into consideration Maximo licensing constraints, the platform needed to provide access to Work Orders across their entire contracting workforce (over 10,000).

Identifying a software solution that could support their teams in the field, while giving real-time visibility to Safety Leaders was imperative.

The Goals

Identify 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 to manage Work Orders, and related safety compliance activities in the one place.

- Electronic High-Risk Work Management, Work Permitting, and Safety Management.
- Comprehensive, real-time reporting.
- Clear, 'traffic light' system to provide a visual indication of compliance to legislation and the internal compliance framework.
- Visibility of non-conformance and improvement opportunities.
- Proactive, automated process review and improve workflow.



Defense Industry

The Outcomes

- Our client started this project with 3 top priorities.
- Rapid Deployment
- Smart Integration
- Process Improvement through digital

To focus immediately on Rapid Deployment, the Beakon team worked hard to identify those elements of the platform that could be deployed straight 'Out of the Box'. Supporting our client further, we instigated our six-week rapid implementation plan including a design and process workshop. Beakon delivers 'Out of the Box' best practice as an ISO-compliant framework, and our client elected to initially use Beakon with minimal customizations, deploying the system to a live environment and making changes as required to ensure rapid deployment.

Even in its OOTB form, Beakon manages contractor compliance and high-risk permit to work requirements, with a user-friendly interface supported by a large 'Knowledge Base' of 'How to Guides'.

The second priority was successfully interfacing with IBM Maximo to take the guesswork out of the Work Order allocation process. Using 'AI', Beakon provided 'real-time' best-matched contractors based on compliance, qualifications, and ratings. Beakon further improved the process, by designing and deploying automatic identification of Maximo Work Orders that require any High-Risk permits to be issued, based on the Work Order content itself. This automated a critical control point in their Health and Safety workflow.

As the business embraced the new Beakon system we further developed the capability with a robust, clear, simple to use interface with Maximo. This proved to be highly successful, taking the implementation from useful to truly value-adding.

The successful six-week rapid implementation met all 3 priorities, including the important stage of improving process through the digital deployment. The Beakon system helped our client identify parts of their process which could be automated, streamlined and/or removed.

Advice for Others

Our client had a very tight timeframe to implement the Beakon system. Whilst the implementation timeline was a challenge, it was important to get the fundamentals right, and adopt a staged approach which meant using most functionality 'Out of the Box'. Fortuitously, Beakon's off-the-shelf framework is ISO-based and very robust and in the end, our client found this more than met their base-level requirements. Clear communication on goals meant Beakon was able to deliver beyond initial expectations, providing automated workflows and optimizing an existing asset (Maximo) through a best practice interface.

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 a highly successful project.

Chunk your project into phases Simplify process steps Streamline and standardize Embrace the opportunity to automate.

FIND OUT MORE ABOUT THIS PROJECT



Sydney, Australia
2-14 Kings Cross Rd
Potts Point
Sydney NSW, 2011
info@beakon.com.au
P 1300 303 773

Barcelona, Spain
C/Sant Media Sant
Cugat Del Valles
Barcelona Spain, 08172
info@beakon.com.au
P +34 603 436 292

European Office
P +44 203 966 2760
United States Office
P +34 603 436 292
European Office
P +34 603 436 292