



Contractor Management & PTW White Paper



Brisbane Airport

Brisbane Airport (BNE) Operates 24 hours a day, seven days a week, and has two major Terminals accommodating 35 airlines flying to 84 domestic and international destinations. It is a suburb in its own right, the largest capital city airport in Australia by land size (2,700 hectares) and the third-largest airport in Australia by passenger numbers with more than 23.4 million passengers travelling through the airport in FY18.

While maintaining the vision for BNE to be world best and the preferred choice for passengers, airlines, business and the community, BNE manages the airport with a strong

focus on community, sustainability, education, knowledge and economic growth, adopting world-leading technologies, systems and practices.

The Challenge

Finding a 'real time' agile solution that can support a highly secure, fast pace and 24/7 facility.

Identifying a software solution that could support our teams around the clock to manage contractor compliance.

An electronic solution for managing Permits to Work for high-risk works.

The Goals

- A single, cloud-based

software system to manage onboarding, licenses, clearances 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 BNE's compliance framework.

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Finding the Right Fit

Contractor Compliance at BNE is critical. It is a highly security focused environment that operates 24/7 and the solution needed to provide absolute visibility of adherence to regulation, licensing, insurances, inductions and clearances.

Beakon not only met these requirements but they also provided room for further growth with additional modules available for deployment when required. BNE is always expanding, including new runway construction, so futureproofing was also crucial.

Beakon met the need for an electronic permit to work system that could drive and record isolation and shutdown procedures for each job.

Being cloud base with full mobile functionality, together with the flexible, customer focused approach Beakon was engaged to deliver the project.

The Outcomes

Knowing that Beakon's 'Out of the Box' solution met all of the core project needs BNE initially deployed the basic module and then refined and tailored the foundation system to meet their exclusive compliance regulations. This ensured a smooth implementation.

Both BNE and Beakon used agile methodology and this provided the perfect environment for continuous improvement and rapid deployment.

With the airport environment being so incredibly secure and with any downtime coming at a substantial cost, the Permit to Work module provided several benefits;

- Standardised job safety analysis
- Quality of control measures through an approval process to ensure genuine risk management
- Clarity of compliance to legislative requirements,

protecting passengers, staff and the general public in a busy facility.

Advice for Others

BNE had a tight timeframe to implement the Beakon system. Whilst the implementation was a challenge, it was important to get the fundamentals right, and adopting a staged approach meant most functionality was used 'Out of the Box'. Fortunately, Beakon's off-the shelf framework is ISO-based which more than met the base-level requirements.

Now that Contractor and Third-Party compliance and Permit to Work systems have been deployed, we are now in a position to further enhance the Beakon system's functionality and utilisation to deliver an operationally efficient tool for our staff, contractors and third-parties relating to Incident Management.



Find out more about this project

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