



Case Study

# NSW Department of Primary Industries

Animal Movement Monitoring



## Introduction

The Biosecurity & Food Safety (BFS) arm of NSW DPI say “...you cannot allow the sun to set on a Biosecurity issue”.

The need for 24/7 digital solutions to track, trace and manage a variety of animal movements is paramount – and in the last 12 months alone has been vital in the management of Japanese encephalitis affecting the white meat industry, Cattle Tick monitoring, and for European honey bees affected by Varroa Mite.

DPI benefits from a wide range of inhouse staff being able to quickly create and manage online forms and web/mobile apps, without the need to engage external vendors. This saves time and expense while enabling DPI to be more responsive to issues and changing circumstances.

## Challenges

NSW DPI faced significant challenges in attempting to better track animal movements. The use of outdated web/PDF and even paper-based forms, resulted in delays to reporting, data analysis and response times. This stems from poor data quality and incomplete reports, with an increase in the need for repeat site visits.

In summary, unacceptable time delays were impacting issue management and allowing situations to become more severe than they needed to be.

The ability to better respond to issues was a critical challenge that DPI set itself. And it became clear that an agile system, able to be driven by the business teams was required to address issues and challenges that ‘same day’.

## ✓ Solution

OneBlink's pre-built conditional logic significantly improves the user experience and in-built government system connectors enable straight-through processing, making it simple for staff and producers to report stock movements with ease. This solution enables a more efficient system for tracking animal movements, enabling DPI staff to respond promptly to issues, ensuring data accuracy, and reducing time delays.

As a low-code development platform centred around Regulatory Agencies, OneBlink was instrumental in empowering DPI staff to self-manage form and app creation, host and manage APIs, design workflows and streamline the entire process of data capture and reporting.

OneBlink has worked with NSW DPI for more than 10 years and this alliance has helped OneBlink cement its position as the 'go to' solution when it comes to rolling out new digital front-end/data capture forms and web/mobile apps.

## 😊 Results

The solution provided by OneBlink for the NSW DPI has yielded significant results in tracking animal movements. Producers can now engage with DPI more easily and quickly, thanks to streamlined data capture and reporting enabled by the OneBlink Low-code Suite (LcS). This has resulted in the capture of more accurate data straight into DPI's in-house systems, reducing time delays and improving response times.

Moreover, the live updating aspect of the OneBlink solutions and DPI's ability to make rapid changes in-house have resulted in a more secure Biosecurity environment for all of NSW. This has enabled the DPI to respond more promptly to issues and challenges, via a more efficient and effective system for tracking animal movements.

## Features at a glance



### Offline Mode

Launch and run PWA with no reception.



### Validation

Regex and lookup form validation.



### Integration

Into NSW DPI's Pivotal System.



### Complex Forms

Multi-page, and dynamic forms.



### API Lookups

Driven from DPI internal systems



### Drafts

Auto-save and draft form submissions.



### Workflow

Veterinary approval of submissions.



### PDF Receipts

Custom PDF generation.