



MHA+ Technology Awards Shortlisted : Best use in Construction

Executive Summary - Visualisation of Quality Inspections

Within Taylor Woodrow all Quality check sheets are recorded digitally using AconexField. We also carry out regular drone flights on site to record the progress as well as provide additional data e.g. stockpile quantities etc.

We wanted to visualise our quality records on the drone flight visualisation portal (Alteia) to enable site teams to quickly gauge compliance and the status of quality check sheets.

We developed a solution in house which ties the 2 existing external system together. The solution has resulted in the following benefits:

- Quick visualisation of the quality inspection status (in progress, complete – pass, complete - fail)
- Changes of inspections automatically captured and seamlessly integrated
- Automated geographical positioning of inspections thereby quick access to specific quality records
- Assisting with handover process
- Time saved and higher data and process quality