ORCODA optimise everything
OPERATIONAL EFFICIENCY SPECIALISTS

Case study | MINE SHUTDOWN, SOUTH AUSTRALIA

Task

Site teams on this major mine site had been manually managing workforce logistics data. Data was also housed in multiple, disconnected places, making communication and monitoring by site stakeholders a challenge. The result was time-consuming and error prone work. To increase logistics efficiency, Orcoda's digital platform was selected by business improvement consultancy, Minset, as the leading resources-specific solution with the best breadth of workforce management functions. Orcoda was introduced to support a step change in workforce logistics management as part of an intensive new shutdown management framework led by Minset.

Features

The Orcoda Management System (OMS) made multi-team data 'collaboration' possible – whether direct or indirect hire – by establishing an automated, central system to manage deployed workforce logistics data. For example, contractors could add their people directly into the system, providing various site teams with the ability to book and manage workers, using the same data, through the OMS. This also gave them immediate visibility of contractor progress at each point of the onboarding logistics process. As each party posted their information to the OMS, the system then automatically managed notifications. These live updates meant that teams could access data to monitor progress and execute their actions more efficiently, bypassing the previous cumbersome email trails. The OMS managed workforce selection, rostering, travel, training, site access and accommodation. Workforce profiles also included compliance information such as qualifications, training, competence and work readiness.

Approach

Orcoda worked with Minset and the client to develop a bespoke version of the OMS that specifically considered their challenges – identifying pain points, understanding workflows and learning about existing systems (in-house and third party) to tailor the solution. The OMS was set up as 'middleware' that could manage data using existing system language so that databases could be easily shared between site and external parties. Using agile methodology (ie incremental development), the bespoke OMS grew in line with the client's needs. The system was also implemented in two phases to reduce risk and maximise the identification of improvement opportunities: first as a partial trial in parallel with client systems, and second as the primary workforce logistics management system used in a full shutdown environment.

Results

- **Managed 91% of workforce data (30 contractors and 367 workers and assets) via automated workflows**
- **Reduced administration time and effort, as well as manual handling errors**
- **Gave greater ownership to each division for their workflows by removing 'linear' dependencies (ie giving them the ability to work incrementally as data became available)**
- **Enabled live workforce compliance through automated updates (eg accreditation, qualifications, competencies)**
- **Improved safety outcomes by fast-tracking identification of training and induction gaps**
- **Enabled streamlined data exports to third party suppliers**
- **Supported broader improvements in site work methods through the discovery and implementation process**
- **Created a foundation for future process improvement including application beyond shutdowns**
- **Created future efficiency with workforce data able to be rolled over to other**
- **projects**

1300 672 632
www.orcoda.com/resources/
resources@orcoda.com