

## Case Study

# Plan. Control. React. Adapt

*How Orcoda kept an EPCM's gas fields workforce moving*



28 x Worksites



10 x Villages



200 x Bus Movements



3 x Airports



22 x Daily Flights

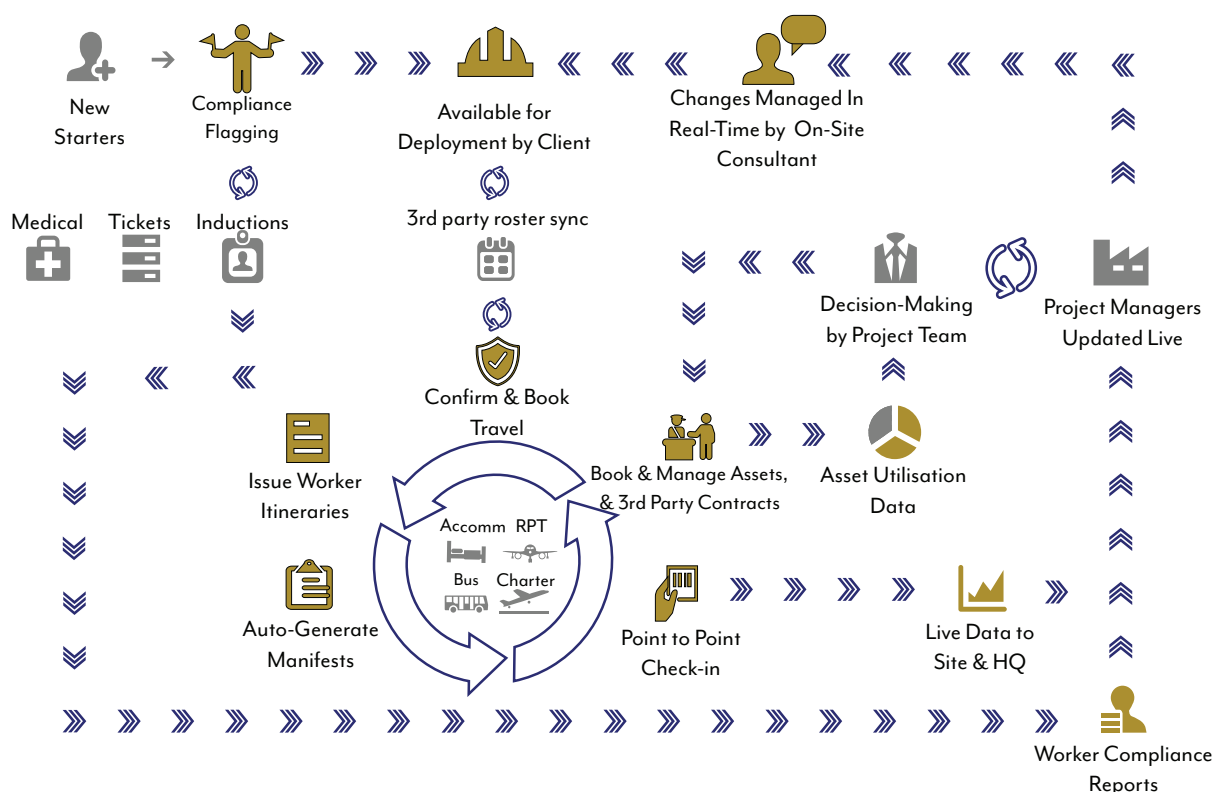
Orcoda's Resource People Logistics division has been an invaluable partner to one of Asia-Pacific's largest EPCMs, responsible for developing key gas infrastructure and field development works in the Surat Basin.

**The challenge:** Delivering up to 5000 people movements per day for our Client's workforce and their subcontractor workforce to and from several remote locations simultaneously. We needed to ensure that we achieved maximum value from workforce mobilisation assets, reduced compliance risk and could rapidly respond to changes as they occurred both on and off-site.

## We connected the entire workforce supply chain

Through the implementation of our Premium offering, Orcoda's - Resource People Logistics division became a centralised conduit through which the project schedule and workforce roster flowed. This automated and coordinated the processes required to mobilise the workforce and manage their movements once they arrived on site.

This allowed our Client to **plan, control, react and adapt** across all of their contingent systems and processes at a single point of interaction, and in real-time, as opposed to doing so on an individual basis.



# Plan

*Ensuring optimum utilisation of workforce-related assets.*

Orcoda's digital platform was used to aggregate data from several disconnected systems and databases being used to manage the Client's workforce roster, transport and accommodation bookings. Our platform provided this information in a single digital interface, seamlessly and in real-time, eliminating spreadsheets and minimising human input.

Planning 'gates' were established, allowing the Client to accurately plan the use of mobilisation and accommodation assets 30 days prior to the day of travel, maximising utilisation of these assets.

## *What we did:*



Synchronisation of scheduling, rostering and booking information from several third-party softwares into a single automated platform.



Flagging non-compliant workers, such as those with expired tickets or induction, by isolating them from the workforce movement supply chain until clearance.



Preventing incompatible travel situations, by ensuring that workers are not booked on their transport to site unless their accommodation had been confirmed for the duration of their stay.

## *Key outcomes:*



Reduced booking error rate and optimised utilisation of all travel assets through the real-time synchronisation of internal and external information.



Increased worksite productivity and reduced travel costs through the real-time identification of non-compliant staff and incompatible travel scenarios.



Increased utilisation of assets through the ability to forecast utilisation issues early and adjust travel plans accordingly.

**\$15.22**



**Project savings per worker per day after implementation**

**600**



**Workers managed live and simultaneously**

**<1%**



**No-Shows after platform implementation**

*One database. One contract. One monthly invoice.*

# Control

Orcoda leveraged its experience and expertise in commercial management, contracts negotiation, and operational controls to drive a more cost effective and better managed result for the Client.

## *What we did:*



Developed tendering processes that extracted the best value for the Client.



Managed the process of contracting and allocating third-party workforce movement vendors on behalf of the Client based on essential compliance and cost criteria.



Liaised directly with suppliers to ensure that all contracted assets achieved optimal utilisation while still allowing for changes and variations in the project as they happened.

## *Key outcomes:*



Negotiated optimal pricing arrangements with each of vendors, ensuring that the Client received the best possible value.



A significant reduction in our Client's contact time in dealing with essential third-party vendors, including the handling of only one invoice instead of dealing with many.



Achieved maximum flexibility in services provided by holding vital relationships with appointed vendors.

## Reducing risk through visibility & intelligent process automation.

# React

Our digital platform connected agnostically with our client, subcontractor and vendor systems alike, providing total visibility across the Client's entire workforce movement supply chain. Our experienced personnel were on hand to provide the optimal solution when sudden changes to workers' travel plans occurred.

Collectively, this enabled our Client and their subcontractors to be confident that their workers would arrive safely on-site, regardless of the changes that frequently occurred at short notice.

### What we did:



The configuration of a platform capable of automatically notifying travellers and management when rostering changes occurred.



Facilitated real-time updates to workers' travel plans and suppliers' manifests as workers proceeded through their journeys.



Had workforce movement experts on hand at travel times to maintain open communication with travel vendors on behalf of the Client.

### Key outcomes:



A significant increase in the speed and accuracy of communication between the Client and its vendors, removing the need to manage separate static documents.



Increased utilisation of assets through the automatic updating of manifests at each travel checkpoint (which account for live travel data).



Ensured minimal disruption to transport schedules and worker itineraries through active engagement with transport vendors at point of departure, which substantially reduced risk for the Client.

**80%+** 

Increased air charter utilisation from <60%

**\$1.2 M** 

saved on chartered buses per annum

**1** 

Platform Managing 10+ Separate Systems

## Adapt

*Use our knowledge of your project to empower effective change.*

Our digital platform recorded significant volumes of metadata on our Client's workforce movements, including monitoring utilisation across all air, ground and accommodation assets. Combined with our team's collection of qualitative information from stakeholders at all points in the supply chain, we identified key trends in the dataset, and reported these findings back to the Client's management.

### What we did:



Collected and analysed metadata on all workforce movements



Reported key quantitative findings to the Client to facilitate necessary process changes.



Collected qualitative traveller, supplier and system user feedback and advised the Client on relative changes that would improve engagement and service satisfaction.

### Key outcomes:



Cost savings made through the system allowing for necessary travel changes to be made up to -3 days without fees.



The identification of utilisation trends, allowing Management to make more effective decisions on how to best allocate assets and personnel.



Marked increase in worker behaviour, satisfaction, attendance and productivity due to better communication of accurate mobilisation information.

# Who we are

Our reputation is built on our ability to solve complex workforce movement issues in a constantly evolving project environment. Based in Brisbane, Australia, we have kept workforces moving for some of Asia-Pacific's largest Mining, Oil & Gas and Infrastructure projects.

We utilise a combination of specialist technology, process re-engineering and commercial management expertise to ensure that remote workforces are delivered to and from site safely, on-cost and on-time.

## What we offer

	Starter	Plus	Premium
Platform	Licensing of the Orcoda Platform enabling your Project Team to directly manage its own workforce supply chain. Expert support and consulting is provided by Orcoda as required.	Licensing of the Orcoda Platform, with Orcoda managing the workforce supply chain on behalf of your Project Team.	Licensing of the Orcoda Platform, with Orcoda managing your workforce supply chain on behalf of your Project Team.
Management		Orcoda directly manages your nominated suppliers on behalf of the Project Team.	Orcoda directly manages your nominated suppliers on behalf of the Project Team.
Contracting			Orcoda identifies and contracts suitable workforce supply chain suppliers on behalf of the Project.

## What they say

*"Orcoda - Resource People Logistics provided the commercial expertise and technological know-how to ensure that workforce mobilisation budgets were accurately scoped and appropriately managed."*

*Joe Dujmovic, Project Director*

*"The team at Orcoda have been excellent to deal with in their planning and management of charter plane resources, which has allowed us to ensure 100% plane availability for the project."*

*James Koerbin, Charter Strategy & Operations Specialist*