

CASE STUDY:

BANLAW UNIFIES FORTESCUE'S FUEL SUPPLY



Banlaw has provided Fortescue Metals Group a unified fuel management solution to help maintain its fuel infrastructure across its mining, rail and port operations. This has delivered Fortescue fuel security, major cost savings, as well as confidence in the integrity of the system and data provided.

! THE PROBLEM

Fortescue identified that maintenance and security of its fuel assets was disjointed and unreliable. With rapid expansion and a fuel burn in the millions of litres per month, Fortescue could see the benefits of holistic fuel management through a single supplier to help contain costs and maximise fuel tax credits.

👁️ ABOUT FORTESCUE

Established:	2003
Operations:	Four mines in Western Australia, rail operations and a port facility
Status:	World's fourth largest iron ore producer
Tonnes shipped:	124 million in FY 2014
Fuel burn:	Approx 500ML p/year

🔧 THE SOLUTION

Fortescue examined several fuel management systems before selecting Banlaw to implement its Enterprise Fuel Management System. Banlaw FuelTrack™ is now being used to monitor and report on fuel usage across Fortescue's major sites.

Banlaw was also awarded the service and maintenance contract for Fortescue's diesel infrastructure across its port, mining and rail businesses.

📈 THE RESULTS

In May 2013 Fortescue had fuel accountability of 99.68% by volume (Cloudbreak mine, excluding Christmas Creek where Banlaw FuelTrack™ had just been installed). The initial finding of an audit by Fortescue validated the choice of the Banlaw system and it is being rolled out across all Fortescue operations.

The synergistic benefit of using Banlaw over the last eight years to unify Fortescue's fuel supply has seen them spend less money on infrastructure, save money with effective programmed maintenance, recover millions in Fuel Tax Credits, simplify national pollution and environmental reporting and account for more than 99% of all fuel purchased, delivered and consumed.



KEYS TO SUCCESS FOR THE FORTESCUE PROJECT

- ▶ Banlaw's Enterprise FuelTrack™ fuel management system:
 - ▷ Fuel security, particularly at construction sites
 - ▷ Maximise fuel tax credits
 - ▷ Assist with NGER reporting
 - ▷ An audit trail that replaces manual sheets, thousands of phone calls and spreadsheets
- ▶ Flexible AutoID options
- ▶ Banlaw's co-operative approach and focus on the big picture
- ▶ Banlaw's on-site service specialists
- ▶ Having Banlaw maintain its system means all the preventative maintenance and management of Fortescue's unified fuel management system is happening at the right time to ensure the integrity and security of the system