



ORBIZ
PERFORMANCE SPECIALISTS

RAIL
CAPABILITY
STATEMENT

OPERATIONAL EXCELLENCE | ASSET MANAGEMENT
MANUFACTURING | OPERATIONS | ADVISORY SERVICES

HELPING YOU ACHIEVE OPERATIONAL EXCELLENCE

ORBIZ is a specialist consulting firm that helps organisations to align strategy, streamline operations and maximise productivity to take the complexity out of running efficient and effective operations.

We offer a uniquely skilled team of operational excellence experts and professional problem-solvers who have helped transform the performance of organisations across the rail industry worldwide.

Highly experienced at working in complex, challenging environments, our team utilise a suite of proven tools, methods and resources that will transform your organisational performance.



OUR CORE COMPETENCIES

1.



OPERATIONAL EXCELLENCE

ORBIZ design and implement operating systems and management processes based on Lean Management principles, enabling our clients to make sustainable step-change performance breakthroughs whilst developing a continuous improvement culture.

2.



ASSET MANAGEMENT

ORBIZ provide project management expertise to de-risk and deliver maintenance, repair, overhaul and retrofit programs on time and budget, specialising in recovering stressed programs and applying Lean Maintenance practices for cost optimisation.

3.



MANUFACTURING

ORBIZ provide Lean Manufacturing, industrial engineering, and project management capability from concept to build and into service, encompassing rolling stock and facility design, plant and equipment specification, production facility and management system mobilisation, test, commissioning, and modification program management.

4.



OPERATIONS

ORBIZ provide operational excellence expertise to develop management systems and processes that maximise flow and efficiency through complex, pit-to-port, freight intermodal, and mass transportation value chains.

5.



ADVISORY SERVICES

ORBIZ offers a wide range of professional services, including:

- Project feasibility and recovery studies, providing independent reports identifying risks, constraints, and improvement opportunities.
- Strategy and business case development to support capital investment.
- Lean Manufacturing, industrial engineering, and project management expertise to support contract tendering.

CASE STUDIES

Our team of performance specialists has assisted some of the world's leading organisations in achieving operational excellence.

Locomotive automation retrofit

73% labour cost savings for technology refit through optimisation of workshop flow and development of production management systems.

Passenger train refurbishment

17% labour cost savings by introducing a production flow line and associated management systems to increase productivity.

Locomotive rotatable maintenance

37% labour cost savings and a 53% increase in workshop capacity through process standardisation and workshop organisation.

Locomotive maintenance examinations

33% labour cost savings and a 23% improvement in turnaround time through process standardisation and workshop organisation.

Wagon maintenance and repair

\$6.6m increase in wagon fleet revenue generation through maintenance workshop transformation and a new production management system introduction.

Tram refurbishment

42% acceleration in refurbishment turnaround time (66 days to 38 days) and a 100% increase in production throughput (3.5 to 7 trams per month) through Lean PMO and a new production management system.

Passenger train manufacturing

80% acceleration in railcar assembly line throughput (10-day to 2-day cycle time) by developing an integrated production management system.

Passenger train design

Recovery of 6-month deficit in the engineering program by introducing a Lean PMO to control and drive daily performance.

Rail yard operations

20% improvement in rail yard turnaround times and a 4.5 Mtpa increase in rail corridor coal capacity by implementing a fully integrated yard operating system.

Rolling stock maintenance contract renewal

5-year \$80-100m contract renewed with a \$3-4m per annum EBIT uplift through commercial negotiation and development of new operational strategy.

Typical outcomes include reducing costs and increasing capacity, throughput, revenue, profitability, and customer value.

OUR CLIENTS



OUR TEAM



ROSS STERLAND

Ross has 30 years of manufacturing leadership and consulting experience in Asia Pacific, Europe and Africa and has led operational excellence programs across the rail, aerospace, construction, mining, and defence industries.



DANNY MIGNOTT

Danny has over 25 years of experience in operational management and consultancy and has led transformational performance improvement projects within the rail, aviation and mining sectors across Europe and Australia.



MIKE TROOP

Mike has over 30 years of experience in the rail, mining and construction industries across Australia, Singapore, and the UK. He has led operational excellence programs in locomotive technology retrofit, passenger train manufacturing and heavy haul environments.



DAVE HUMPHREYS

Dave has 45 years of experience in operational leadership and consultancy roles in rail, aerospace, mining, and manufacturing. He has led transformational performance improvement programs in rolling stock manufacturing, maintenance, repair and overhaul across Australia, New Zealand, Europe, and North America.



RICHARD WOODS

Richard is a business transformation professional with an international career spanning over 40 years across Australia, Asia, and Europe. He has led projects in rolling stock manufacture, service introduction, maintenance and operations in light rail, passenger rail, freight intermodal and heavy haul.

With a presence across Asia Pacific, Europe, the Middle East, Africa and the Americas, our global team is there for you, whenever or wherever you need us. Email us at info@orbiz.io



WHAT OUR CLIENTS SAY ABOUT US

"The systems introduced by ORBIZ have increased transparency, performance and accountability across the project."

- Stephen Kakavas, EGM Rail & Transit Systems, Downer

"ORBIZ provide expert hands-on support to our front-line leaders, helping to set up production systems and coach the behaviours necessary to get the best real world outcomes"

- Adam Williams, EGM - Rolling Stock, KiwiRail

"ORBIZ are quickly able to interpret the client needs and build a flexible plan to deliver on expectations without fuss."

- Andy Ibbitson, General Manager Strategy and Business Improvement, BGC Contracting

"The standout achievement was aligning a multi-disciplined team into a single coherent common language and common method for identifying, reporting and actioning issues and opportunities."

- Brett Summers, Delivery Operations Director, Level Crossing Removal Project

"The successful implementation of LEAN principles and the roll-out of associated projects has driven significant cost savings and efficiency improvements that have benefited the business."

- Simon Young, Operations Improvement Manager, PanAust

**SIMPLIFYING OPERATIONS.
AMPLIFYING OUTCOMES.**