





## Solutions for the entire rail sector

Throughout our nation for over a century, UGL has been making progress possible in all areas of rail transportation. We are a leading manufacturer and through-life asset services supplier in the above and below rail space, from passenger and freight rolling stock to rail infrastructure solutions.

Delivering fully integrated client driven solutions, UGL continues to be a reliable and accountable business partner who can tailor rail technology products and life cycle services which optimise operational performance and reduce risk. Safety, availability, reliability and efficiency are our most important priorities when working with our valued clients.



## WORLD CLASS MAINTENANCE, COMPONENT OVERHAUL AND SUPPLY

UGL Unipart Rail Services Pty Ltd was founded in December 2011 as a joint venture between UGL (Australia) and Unipart Rail (UK). The Joint Venture was formed following the successful bid and tender for the Sydney Trains (RailCorp) Level 3 maintenance contract to provide heavy maintenance and supply chain services to 1,050 passenger cars in Sydney's metropolitan fleet.

The UGL Unipart Joint Venture combines UGL's asset management, maintenance capability and intimate knowledge of Sydney's passenger rolling stock, Unipart Rail's international expertise in inventory purchasing, logistics management and lean practices along with MTR Corporation's knowledge on maximising assets to their full potential.

With the combined expertise from UGL, Unipart and MTR, UGL Unipart drives efficiencies within our supply chain, workshops and processes to provide our clients with ongoing successful projects and cost effective initiatives.

Our maintenance services, supply chain and value engineering initiatives have increased our client's fleet availability, reliability and safety.

UGL Unipart is headquartered in Auburn, NSW on a 17 hectare site at the geographical heart of Sydney.

## Key achievements

- Technical supply chain services support as a key part of UGL's Royal Australian Navy landing craft maintenance contract
- Refurbishment of the Hunter Fleet passenger rail cars including graffiti resistant paint, comfortable seats, new windows, lighting, floor and toilets, with the project meeting expectations, on time and on budget
- Manage services for a key rail infrastructure business improving production, planning, prioritisation and information systems
- Rapid design and implementation of a complicated safety critical system onto passenger sets to support a low risk introduction for Sydney Trains
- Overhaul, repair and procurement of ship borne components for the Royal Australian Navy
- Design, modelling and prototyping of an eight tonne bus towbar for VOLVO Bus Australia
- Contract to refurbish 900+ Tangara passenger rail car air-conditioning units for increased passenger comfort
- Delivering integrated management service to two Sydney Train rail maintenance depots, to maintain warehouse operation and all related logistics services to meet client's best practice objectives
- Diagnostic and consulting services to the defence, resources and rail sectors
- Freight wheelset and bogie overhaul contracts with Pacific National, BlueScope Steel and other private operators
- Refurbishment of 340+ Tangara passenger rail cars that service the Sydney metropolitan network
- Sydney Trains level 3 heavy maintenance and logistics management component change out including major equipment overhaul and presentation of the 1,050 vehicle EMU and DMU fleets.
- Fleet wide installation of vigilance control system for Sydney Trains EMU fleet

**"The vehicles look extremely impressive, all NSW Train representatives praised the final product, but what was more satisfying was the comments provided by the Directors and others regarding how our Fleet Maintenance's project team and UGL Unipart integrated as a team and involved NSW Trains in the Journey that has been the refresh project." – SYDNEY TRAINS, 2014**

## UGL Unipart's capability at a glance

UGL Unipart has embarked upon a journey of expansion through complimentary diversification and has been successful in winning new work from adjacent market sectors such as the defence and bus industries.

Site capabilities and service offering:

- Collision damage repairs
- Component maintenance - mechanical, electrical, pneumatic, hydraulic
- Corrosion removal and protection
- Engineering design services: design, FEA, fabrication of prototypes, etc.
- Heavy maintenance - scheduled vehicle servicing
- Lean consulting
- Line maintenance - maintenance and support services at the client's site
- Supply chain diagnostic services
- Supply chain procurement and forecasting
- Supply chain repair management
- Supply chain warehousing and logistics
- Value engineering
- Vehicle paint finishing
- Vehicle refurbishment and refresh

### ASSET MANAGEMENT

#### Extending the service life of client assets

Committed to serving clients well after an asset is commissioned, UGL Unipart offers comprehensive whole of life solutions for client assets that help clients achieve competitiveness and profitability ensuring long-term operational success. Whatever the application, UGL Unipart will meet the requirements for efficiency, reliability and environmental compatibility, providing lower life-cycle costs and the best possible return on investment.

### MAINTENANCE

#### Lower costs, reduced risk and improved reliability

UGL Unipart's portfolio of through-life support services facilitates preventative maintenance activities, major overhauls, modifications and heavy repairs. UGL Unipart works closely with its clients to set performance targets and implements management and maintenance programmes. Essentially, the company employs an approach which emphasises the work needed to maintain clients' assets in a condition that allows it to reach its maximum service potential.

### SUPPLY CHAIN SERVICES

#### Delivering cost savings

Improvement in train availability and reliability is achieved through the inventory purchasing and logistics management of UGL Unipart. Clients achieve efficiencies and cost savings by drawing on Unipart Rail's success in providing excellent service levels to clients throughout the UK. The combination of Unipart Rail's systems, robust processes and supply chain capability aligned with UGL's asset management expertise and experience delivers improved high levels of service to clients.

### REFURBISHMENT

#### Enabling greater efficiencies

Refurbishing assets allows clients to modernise and therefore extend the lifetime of their existing product or infrastructure. This enables clients to defer investment costs that otherwise would apply when procuring new assets. UGL Unipart's refurbishment expertise includes passenger rolling stock, freight wagon, tram car, bus and coach, locomotive wheel sets and bogie overhauls. UGL Unipart draws on a wealth of experience in refurbishing and upgrading client's assets delivering innovative salvage capabilities that restore used assets to their original condition and specifications to extend asset life.

"Well done to each and every individual involved with Vset Refresh program for their resolute efforts over the past 12 months to attain such an exemplary outcome." – TRANSPORT FOR NSW, 2014

