



Depot Stores Diagnostic

Performance through engagement

The Challenge

Sydney Trains is responsible for the administration, operation and maintenance of the Sydney suburban and interurban rail network. It is also responsible for operating rural passenger services providing a safe and reliable train service throughout the Sydney metropolitan area and rural New South Wales.

In 2012 following the successful work and performance by UGL Unipart as part of the L3C contract Sydney Trains engaged Unipart Rail to undertake a diagnostic study at their seven light maintenance depot stores operations and across the maintenance planning operations. In addition Unipart Rail looked at how this interfaced with the heavy maintenance activity already undertaken as part of the outsourced operation to UGL Unipart Rail.

The Solution

Our Expert Practitioners followed a structured approach and methodology to complete a detailed diagnostic across the depot stores operations and maintenance planning activities, this included.

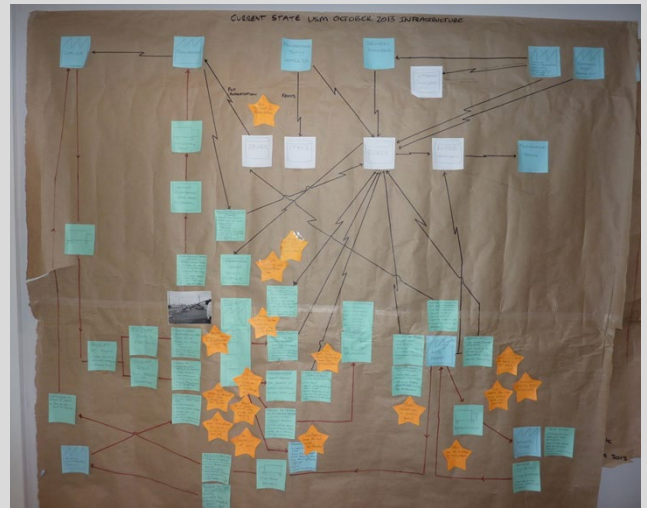
- Site visits to all depot stores to observe all processes and system activity undertaken
- Understanding the current ways of working, layout of the stores, space utilisation and material flow at all locations
- Identification of opportunities for improving the supply chain operations
- Development of a future state solution that addressed the issues identified and delivered significant benefits to Sydney Trains
- Development of a detailed implementation plan to move to the proposed new ways of operating

The Result

Unipart recommended that the depot stores and planning activity could be significantly improved upon and financial benefits realised by aligning and integrating the total supply chain, including:

- Cost savings of 20% plus
- Increased material availability at the light maintenance depots from low 80% to 98%
- Increase in stock accuracy at light maintenance depots from 70% to 98%
- Inventory reduction at the light maintenance depots of 17%
- Improvements in performance and productivity of the maintenance teams at the depots

This would be achieved by outsourcing the light maintenance depot stores to UGL Unipart Rail, as this would achieve a fully integrated supply chain operation with one team responsible for the performance of the total supply chain operation. This proposal was accepted and transition commenced in 2013.



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