



Supply Chain Diagnostic

The Challenge

Unipart Expert Practices were approached by Metro Trains Melbourne PTY Ltd, to conduct a diagnostic of their end to end supply chain activities. The aim was to understand how the supply chain operated and how effectively it supported the operational teams. This would be conducted using Unipart's standard approach across the Infrastructure and Rolling Stock businesses, including their head office activities.



The Solution

Our Expert Practitioners followed a structured methodology to complete a detailed diagnostic across the total supply chain, this included:

- Site visits to Infrastructure, Rolling Stock depots and their head office operations to observe and understand how the supply chain operates today
- Analysis of data to baseline current levels of performance across the supply chain
- Analysis of Inventory and Purchasing data using Inventory Modelling tools to identify opportunities to reduce inventory and improve availability; identifying ideal stock profiles for all locations
- Development of new ways of operating that would deliver the business requirements for today and the future

The Result

Our client was provided with a detailed report, that provided feedback on the:

- **Current ways of operating across the supply chain and how effectively it operated**
- **Opportunities that existed to improve their supply chain, including reductions in costs and improvements in service**
- **Appropriate structure to deliver an improved way of operating**
- **Activities required to deliver the future needs for the operational teams**

Unipart recommended a re-design of the whole supply chain to focus on meeting the needs of the business in the short and long term. This involved the implementation of a new warehouse and logistics solution, systems enhancements and process changes to improve operational efficiency, effectiveness and control across the supply chain.



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