

# Case Study # 1 – DC Design

**Client Description: Leading Global Automotive Brand**

**Assignment: Design & Implementation of Automotive Parts Distribution Centre**

- 51,000 Stock Keeping Units (SKU's)
- 6,000 Order Picking Lines per day
- 3,500 Receiving Lines per day
- Additional Parking Bays for new Cars

**Assignment Key Objective: Delivery of turn-key project on time and on budget**

**Solution Outcome:**

- 8,000 sqm Footprint to 8.5 m clear height (plus 2 parking levels above)
- VNA Pallet racking system (wire guided)
- Stock-picker system (wire guided)
- Floor Storage
- Horizontal Carousels (40% throughputs)
- Bespoke WMS / WCS systems

**Project Key Achievements:**

- Significant saving in FTE – compared to previous operation
- 99.8% picking & fulfilment accuracy
- Reduction in inventory holding
- Increase in service levels & customer satisfaction
- Saving in Cost – To – Serve
- Seamless transition & relocation to the new operation

