



## **SHORT CASE STUDIES on VALUE ADD by LOGISTICS CONSULTANTS**

Supply Chain Services Australia (“SCSA”) has provided specialist Logistics Consultancy services to a wide range of clients that have made a significant value-add contribution to the clients’ operations. A few case study examples are noted below to illustrate the potential gains from external Logistics Consultant expertise.

### **CLIENT – MINING SERVICES**

- **Overview:** SCSA developed the warehouse design of the company’s two primary Australian logistics hubs, introducing Lean principles & innovative storage solutions. The total footprint covered 16,000m<sup>2</sup> and the range included 30,000 SKU’s.
- **Value Add:** The significant gains in cubic utilisation and productivity at both these sites took the Australian warehousing operations from the bottom of this company’s global KPI scoresheet straight to the top.

### **CLIENT – IRON ORE MINER**

- **Overview:** SCSA conducted an operational review of the miner’s Pilbara warehouse network. The review presented innovative out-of-the-box concepts to improve current operations.
- **Value Add:** Client gains in overall warehouses’ performance, safety & capacity.

### **CLIENT – MINING COMPANY**

- **Overview:** SCSA provided subject-matter-expert (SME) review of and input into the design of a 3,000m<sup>2</sup> mine-site warehouse for a new start-up. The SME review resulted in major design changes being incorporated by the EPC contractor.
- **Value Add:** The re-designed warehouse was fit-for-purpose to the client’s operational requirements in comparison to the original design, through the incorporation of enhancements in service levels, safety & capacity.

### **CLIENT – COMMONWEALTH GOVERNMENT**

- **Overview:** SCSA provided specialist Logistics Consultant design services to a major Government infrastructure project in North Queensland, which comprised the development of seven Greenfield storage and workshop facilities. The total footprint covered 25,000m<sup>2</sup> and the range included 60,000 SKU’s. The QLD project was one of 7 related concurrent projects nationally for the same Government agency.
- **Value Add:** The innovative storage solutions incorporated in the design allowed the significant stock-holding requirement to be accommodated within a building footprint that was not able to be enlarged, due to site constraints. The QLD project received

public recognition from the Commonwealth's project director as the most innovative Logistics design of all the 7 national projects.

#### CLIENT – OIL & GAS COMPANY

- Overview: SCSA was commissioned to identify practical solutions to bottlenecks in the project logistics functions on a major oil & gas project. The bottlenecks were causing delays in the issue of materials, and were a potential threat to the overall project program.
- Value Add: SCSA identified a software solution on an existing and inexpensive platform, which steam-lined the processes for material requests from point of use back to the project laydown yard. Enhancements were also identified in the methods of storage of the material in laydown areas, to improve accessibility.

#### CLIENT – ENGINEERING SERVICES

- Overview: SCSA was commissioned to conduct a Logistics SME review of the company's site master planning for a major workshop and storage facility on a 7 hectare site in WA. The company saw the value in external SME oversight, prior to commissioning design & construct contractors to develop a concept design of the facility.
- Value Add: SCSA identified that the original master plan was deficient in 16 key areas related to operational functionality and traffic management. The client then commissioned SCSA to develop alternative design proposals for the site. The preferred (alternative) design solved 15 of the 16 deficiencies, and a workaround was developed to mitigate the 16<sup>th</sup> one. The SME input gave the company the confidence to proceed with the project, and that the facility would be fit-for-purpose.

