



Data Intelligence in
transport & logistics

Logistical Nightmare becomes a Delivery Dream Scenario for TLG



Logistical Nightmare becomes a Delivery Dream Scenario

A leading South African Logistics and Transportation Company manages the trans-modal movement of coal from Phalaborwa (South Africa) to the destination at the Port of Maputo, Mozambique with an annual average movement of between 900 thousand tons.

This multi-modal approach requires the combined efforts of three of the subsidiaries namely: The leading company that arranges 3rd party primary transporters from the mine in Phalaborwa to stockpile in Ressano. Another party manages the receipt of bulk stock at Ressano with weighbridge operations and front loaders to transfer the bulk stock from the stockpile on railway wagons. A 3rd company

operates the locomotives with transportation wagons carrying bulk stock from the Ressano depot to Maputo port for transfer to the vessel or temporary stockpile in Maputo terminal.



We could not **get the output** we did, **without this tool!**



- Leading Supply Chain Software COO & Founder

The Challenge

The client needed a “single pane of glass” view of the operations as involving various specialised divisions is critical to successful delivery.

They needed a digital twin as a representation of the physical movement and process of bulk stock moving from the origin (pit) to the point of discharge (port) to represent its brick-and-mortar counterpart in the real world.

The complexity of managing the volume transactions covering 1 082 682 tons per year with a multi-national parastatal railroad, 29 567 truckloads, and 44 transporters representing 1400 trucks is immense.



The Solution

By plugging in OQLIS Data Intelligence software into their various systems, the client received a coveted industry award and enjoyed **the following benefits:**



A predictive and accurate view of stock departure and arrival at each stage in the supply chain process.



Complete transparency on stock variances with an improved ratio for truck shortages based on loading vs offloading weight, due to real-time stock visibility.



Automated reports to transporters and end clients receiving stock. First-time track & trace visibility on rail locomotive/wagon movements of stock.



In Supply Chain, where efficiency and accuracy are paramount, our partnership with OQLIS has assisted us and **empowered us to provide these solutions.**



- Leading Supply Chain Software Head of Operations

Dashboard metrics included:

Route Visualisation

Average Profit per load

Daily Revenue

Physical Stock

And many more

Accelerate your time-to-value, without the additional resources. Extend data analytics functionality, by embedding and white labeling the OQLIS Transport & Logistics solution and get the edge above your market.

Reach out to a data analyst today:

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