



A Multi-Source Material Guidance System for Enhanced Transport Order Processing



THE CLIENT

The client is a large industrial machinery manufacturer which also offers financial services, parts services, and power systems.

THE CHALLENGE

The client was facing the following critical challenges in its materials inventory and delivery systems, leading to lower operational efficiencies:



Their materials inventory system did not correctly reflect the quantity of Call Off stocks in their warehouses.



They had no inventory feedback processing and error handling system



Users and decision makers had no visibility into the number of their Call Off stocks



Their existing transportation and delivery system was designed only for a single route. As the company grew, the system could no longer handle multiple routes and lacked prioritization. The system also struggled with tracking and accounting for larger numbers of transport orders.

The client wanted to develop a solution in SAP that could address these challenges and improve its efficiency.



THE SOLUTION

SBP Consulting used its technical expertise in SAP LES to develop a Multi-source Material Guidance System in SAP ABAP and Module pool programming. The system defined access to materials inventory in warehouses at the user-level, giving each worker visibility into the materials inventory of warehouses relevant only to that particular user. Workers can view materials inventory in SAP GUI that also allows them to process transport orders. The integration with SAP enabled the client to track and process large volume transport orders and also prioritize urgent ones, which previously proved difficult using ad-hoc processes.



SBP's solution was able to:



Create a consistent interface for workers across multiple warehouses



Prioritize urgent transport orders



Provide drivers and supervisors transparency into transport orders that need to be fulfilled



Establish a feedback system to handle errors in tracking, processing, and delivering orders.

BUSINESS BENEFITS



Automated and improved overall materials handling and delivery efficiency



Minimized errors in materials handling and transport order processing.



Enhanced delivery speed through transport order prioritization.



Increased efficiency through materials visibility and warehouse integration.