



RENAULT V.I.

The RENAULT VI Group (known commercially as Renault Trucks) is one of Europe's largest truck manufacturers. From light commercial vehicles - made for express delivery and city distribution applications - to long-haul heavy trucks and military vehicles, Renault VI's commercial offer meets all the needs of road transportation. In 2001, with a brand-new complete and innovative range, Renault Trucks own 12.4 percent of the European market for trucks over 16 tons GVW and 10.9 percent of the market for trucks from 6 to 15.9 tons GVW. Renault VI has a major international presence, particularly in Europe with a network of 1,350 dealers.

Renault VI Group Goal

Renault VI's goal is to be the number one company for after-market service in Europe.

Renault VI Group Challenge

To achieve this goal, Renault VI identified the need to improve availability and movement of stock across the continent while reducing the overall level of stock within its distribution channel. Renault VI's parts distribution was formerly managed from three centralised warehouses and ten subsidiaries

throughout Europe, each one stocking a limited variety and supply of parts inventory. Renault VI decided to create a single, larger distribution centre that could receive and distribute 25,000 order lines per day right across Europe. This was a distribution centre that would have highly complex warehousing and inventory

management requirements and would require the integration of an ERP system, RF and material handling equipment. Renault VI needed to identify a company that understood their requirements and could deliver a complete solution to handle all aspects of the supply chain involving the distribution centre.

Renault VI's Operations

Renault VI selected its 120,000sq metre Vénissieux site to be its centralised distribution centre. This site had the initial size, infrastructure and location to cope with the physical demands of handling over 100,000SKUs and continuous deliveries and collections. The site employs 550 people with 200 employees working 2 shifts. Products are stocked in pallets and boxes and stored mainly in pallet racks and on the floor. Teklogix RF equipment is used to scan products during putaway and picking. Carousels and automated sortation systems are also used to

assist with movement of stock between storage areas, the pickface and delivery and collection areas.

In order to ensure the solution was built on solid foundations, Renault VI opted for a phased approach to implementation, concentrating on installation of the CatalystCommand WMS in phase 1. Initially, the WMS was integrated with the RF equipment to give Renault VI a real-time view of stock availability and location that helped significantly with overall management of inventory in the warehouse.

In phase 2 Catalyst introduced the interface between the WMS and its carousels and sorters which further optimised the efficiency of the warehouse. The last phase of the project involved integrating Renault VI's pan-European SAP R/3 ERP system with the CatalystCommand WMS.

The implementation of the Catalyst solution has allowed Renault VI to increase productivity through specialised picking processes. There are two main types of product movements: Regular orders and urgent orders. Regular orders represent 60%

of Renault VI's spare parts distribution and are delivered on a weekly basis. Urgent orders received on the day before 5:30pm (and in some cases by 7pm for certain areas)

are delivered before 8am the next day. Renault VI is now able to meet its goals by offering its distributors and parts suppliers a better quality service

with faster deliveries across greater distances.

Return on Investment

Renault VI's return on investment is inextricably linked to its ability to increase availability and supply of stock within its sales network, while

reducing the inventory held on-site. Thanks to the implementation of a complete supply chain solution, Renault VI has been able to streamline

its distribution operation to a single central warehouse through Catalyst. This has resulted in a rapid payback and excellent return-on-investment.

Quote from Renault VI

"The project to create a centralised distribution operation that optimises

product supply and availability for our customers has been a huge success."

Technical Facts at a Glance

WMS Version:

- Catalyst WMS Release 6

Configuration:

- SAP/R3, Sun Solaris, Oracle Database
- 220 Teklogix RF terminals

Warehouse:

- 120,000 sq. metre central distribution centre in Vénissieux, near Lyon, France

Order lines

- Up to 25,000 per day



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