

# TRIP PLANNING FOR THE VERY LATEST LOGISTICS PROCESSES SCHACHERMAYER INTEGRATES



“Our aim of operating one of Europe’s most modern logistics systems also requires a cutting-edge transport management software: PVT Smartour.”

Hermann Gruber, Project Manager at Schachermayer



## THE OBJECTIVE: INTEGRATED PLANNING

One of Europe’s most modern high-performance distribution centres is located in Linz, at the headquarters of the Austrian wholesale company Schachermayer: Automated warehouses, eight kilometres of internal conveyor belts and laser-controlled transport vehicles form the basis of this high-performance logistics system.

The warehouses contain 110,000 different high-quality items from product ranges such as fittings and

fastening technology, machines and tools, kitchen appliances and built-in sinks, prefabricated building components and warehouse technology.

97% of all catalogue items are held in stock and can be delivered within a maximum of 48 hours. Goods which are to be collected by customers are available within ten minutes. „The scope of the range requires perfect cooperation between merchandise management, warehouse administration and goods selection and coordination, in order to ensure rapid availability”,

says Herman Gruber, Project Manager at Schachermayer. The company was looking for a software-assisted transport management system into which carriers and forwarders are integrated in order to complete one of Europe’s most modern logistic systems. Schachermayer decided on PTV Smartour.

## THE SPECIFIC CHALLENGE

Calculation of the size of consignments according to the various means of transport, consideration of the transport requirements specific to the range or



Schachermayer Grosshandelsgesellschaft m.b.H is one of the industry's leading wholesalers for the woodworking, metalworking and glass processing trades. At the company headquarters in Linz, there is a modern high-performance distribution centre which holds 110,000 items in stock. The Austrian company is represented internationally by agencies in Germany, the Czech Republic, Slovakia, Poland, Romania, Hungary, Croatia, Bosnia, Slovenia and Italy.

the product, permanent comparison of planned and actual quantities between order picking and transport via a stable SAP interface, large orders, mixed orders and transport restrictions are only some of the specific challenges for the trip planning system.

"We have integrated PTV Smartour into our infrastructure and our core processes in order to optimise transport and the utilisation of resources", says Gruber. The project teams from Schachermayer and PTV worked in close cooperation. During the introduction of the system, PTV consultants and developers were available to assist the Schachermayer project team at all times and to help with training, workshops and rapid, pragmatic support. Gruber is convinced: „This was certainly one of the success factors for the implementation of the system“. PTV provided extremely professional project staff and an excellent project management lead by Markus Poggemann and Oliver Mangas. Problems were handled excellently and their intended solution efficiently implemented." Even at the start of the project it was necessary to integrate the project workflow at Schachermayer into the PTV Smartour release planning. In this way an integrated planning solution, which was extended according to the

specific requirements, could be used by Schachermayer immediately after the launch of the software.

This also included extensive integration work with the SAP system. The development and introduction of the system took about nine months.

#### VALID RESULTS

PTV Smartour automatically plans orders into optimum trips, which take all the relevant restrictions into account. The software can be adapted to specific workflow requirements, the system environment and complex planning tasks. Gruber is very satisfied with the results: „The software is an essential module for the efficient use of our fleet and ensures optimum organisation for transporting 180 tons of goods daily, both in Austria and abroad.“ PTV Smartour provides both valid planning results as well as the necessary transparency for transport management. This has resulted in considerable improvements in the overall process, and has already brought about savings. Overall, Schachermayer expects a very short-term achievable return on investment. „And our staff like working with the system“, says Gruber. The introduction of the system is planned for other locations outside of Austria in the next few years.

#### THE ADVANTAGES OF PTV SMARTOUR

- ▶ Integrated provision and delivery of data with all information relevant to transport (including SAP interface).
- ▶ Efficient use of resources and optimised trip plans even with quantities and journey points that vary daily.
- ▶ Multiple depots and alternative depot scheduling.
- ▶ Telematik connection: vehicle control and trip orders directly from the trip planning - complete transparency for the vehicles which are on the road.
- ▶ Calculation of transport costs, tolls and CO<sub>2</sub> emission, for example as billing evidence or for confirmation of delivery.

#### PTV GROUP

Haid-und-Neu-Str. 15  
76131 Karlsruhe, Germany  
smartour.ptvgroup.com

#### International

+49 721 96 51-8100  
sales.newmarkets@ptvgroup.com

#### United Kingdom

+44 121 781-7242  
sales.uk@ptvgroup.com

#### Australia

+61 29 698-1292  
sales.au@ptvgroup.com

#### USA

+1 503 297-2556  
sales.us@ptvgroup.com