

The route planning system for refrigerated, frozen and dry goods

HAVI Logistics B.V.

» With PTV Intertour it is possible to intervene quicker and more efficiently when the planning is disrupted by high volume or other circumstances.«

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The task

MLS has been the logistic service provider for McDonalds since 1986. The trademark of HAVI Logistics in the Netherlands is the fleet of red trucks bearing the McDonalds logo.

The vehicle fleet consists of 24 of these trucks, which work 7 days a week in two shifts (day and evening). Due to the necessary expansion, the distribution centre of HAVI Logistics for the supply of McDonalds moved in December 2008 from Nijkerk to Amersfoort. HAVI Logistics BV transports about 80,000 tons of refrigerated, frozen and dry goods per year.

MLS started using PTV Intertour at the end of 2003. During the starting up, account was taken of the three different facets of the MLS planning; strategic planning, tactical planning and the operational following of the planning.

The solution

Firstly an extensive databank was built so that all the limitations and conditions of the MLS customers could be recorded. The databank with historical details is constantly updated with the current details and can provide the average delivery data for a period of 3 years. Simulation details can also be offered.

These details can for example be combined with the historical details. The actual order quantities can be read in

from the order file in the back office system, so that a daily planning can be made as well as a strategic planning and an identical module.

With the simulation details, possibly in combination with the historical details, MLS can view future occurrences at a strategic level. One must think here of the creation of transfer points, border-crossing transport, multiple depots, changes in emissions and noise standards, etc. The standard routes can be altered or corrected on a tactical level on the basis of the historical data. The impact certain changes can make on the standard route plan can be researched and faster reactions to volume fluctuations are possible.



MLS / HAVI Logistics B.V.

In October 2006 the complete logistical work of distribution, provisioning and transport for the 220 restaurants in The Netherlands transferred to HAVI Logistics BV. This logistic service provider was previously known in the McDonalds world as McDonalds Logistieke Service or MLS and is now part of the worldwide-operating HAVI Group. MLS changed its name, just as all the sister companies in the world did, to HAVI Logistics in January 2009.

The planning can be corrected daily on the basis of the actual quantities. For example, a route could be omitted on a low-volume day, but it is also possible to intervene quicker and more efficiently when the planning is disrupted due to high volume or other circumstances. Public holidays, for instance, should be considered in the latter.

The result

PTV Intertour has provided MLS with speed and ease in the various segments of the planning. With insight into the occurrences and their impact, well-founded decisions can be made which save money or bring with them operational advantages to the whole chain.

The quality of the planning is safeguarded by the intensive collaboration between Metro and the consultants from PTV - on the one hand by the practice-oriented advice from our consultants and on the other by good feedback from the planners about the operational planning. Together they are

continually looking for ways to plan more efficiently and more perfectly. When the consultant is not on site, the planner can make use of the 24-hour help desk.