

# USING PTV SMARTOUR FOR THE EFFICIENT DELIVERY OF CLEANING PRODUCTS IN URBAN AREAS



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Martin Heinrich, Head of IT at Toussaint & Co. GmbH

## THE TASK

Rising energy prices and low transport capacity make optimal trip planning vital for many companies. Waiting times at depots are very expensive for loaders and hauliers and should, as far as possible, be avoided in order to minimise both the time factor on the route and the number of vehicles used. The main priority in efficiently-run trip planning is to minimise the transportation distance, while complying with all restrictions, whether with regard to the number of vehicles, capacity or time restrictions. It is also important to optimise transportation in terms of cost efficiency and reduce the number of rides with no

loads. "In the past, travel orders did not used to be placed in a way that optimised trips," says Martin Heinrich, Head of IT at Toussaint & Co. GmbH. "The driver therefore always lost a great deal of time and our trips were all in all carried out inefficiently."

## THE SOLUTION

The trip planning software PTV Smartour makes it possible throughout the entire process to have more precise scheduling and faster planning within the system. Specifically through customer- or object-specific cost calculations within optimised trip planning, the company receives a considerably stronger framework for

planning, because the customer is aware of all transport costs for the individual delivery points. "Using these high-quality data, we can now also hold annual negotiations with our customers in a very targeted way," explains Martin Heinrich.

## THE RESULT

Thanks to PTV software, the goods picked can now be made available in the outgoing goods area, in accordance with trip planning. "For us, using PTV Smartour contributes to significantly improved process safety and transparency in processes, and saves considerable time on scheduling and delivery." As arrival times can be predicted



Toussaint & Co. GmbH, a specialist cleaning wholesaler based in Kleinblittersdorf, has been providing its customers with cleaning products from prominent manufacturers every day since 1960. Individual purchase advice, optimal delivery service and specialist help are as fundamental to Toussaint as faster specialist customer service and proper maintenance.

with greater accuracy and handling can therefore be planned much more effectively, waiting times significantly decrease. A positive side effect: the vehicle returns to the route more quickly and can be used "productively". To date, Toussaint has applied the PTV solution in nine of the corporate group's locations, including at Offterdinger & Sailer GmbH in Kornwestheim, near Stuttgart, and at locations abroad. "Its runtime behaviour and the convenience of the software are currently inspiring thoughts about central planning for several locations," says Martin Heinrich. Heinrich sees another major advantage of a clearly defined order of transport in the fact that the picker is responsible for delivering the goods, and competences are therefore unequivocally controlled. "Generally speaking, it was the driver in the past who performed the transshipment process, which resulted in delays and uncertainty when it came to establishing the time of the product handover," he explains. "It is also important for us that the upstream and downstream trip planning processes remain completely unaffected by the PTV solution."

#### PTV SMARTOUR YOUR ADVANTAGES AT A GLANCE

- ▶ Saving costs through better resource usage
- ▶ Saving time through a shorter planning period
- ▶ Improved customer service through flexible order and delivery times
- ▶ Reduced burden on scheduling thanks to standardized and fully automated processes
- ▶ Legally compliant planning by taking driving times and rest periods into account
- ▶ Overview of all indicators

#### PTV GROUP

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

#### International

Phone: +49 721 9651 8100  
sales.newmarkets@  
ptvgroup.com

#### United Kingdom

Phone: +44 121 781 7242  
sales.uk@ptvgroup.com

#### Australia

Phone: +61 2 9698 1292  
sales.au@ptvgroup.com

#### USA

Phone: +1 503 297 2556  
sales.us@ptvgroup.com