

## JAVA improves its quality of service thanks to WinRoute

### Better service delivery and cost reduction keep pace

Java is a food distributor and wholesale dealer for private and public kitchens in Belgium. Java organises its distribution rounds with the help of WinRoute from Routing International.

# JAVA

Java is a food distributor and wholesale dealer that distributes about 39 000 tons of food every year. Today, Java is the number 2 in the foodservice in Belgium and manages a product line of 10.000 references, providing a high degree of quality service. With more than 200 people, among which 47 drivers, Java realises a turnover of 75 million Euros.



As from January 2005, a new legislation imposes full traceability of the distribution processes of food. This implied a full automation of the production and distribution processes. This automation and the willingness of Java to improve service quality have been the two main motivations within this project.

Comparative tests demonstrated that WinRoute provided superior results when it came to the quality of the generated planning (e.g. distance reduction, work hours reduction, number of vehicles reduction, respect of client instructions), and the way the solution takes client specific constraints into account.

### Java has chosen WinRoute to automate and optimise its distribution plan

Amongst all solutions considered by Java, WinRoute was the software that **best suited the specific needs of the food distribution** (e.g. multi-temperature compartment management, regionalize vehicles, automated geocoding).

Daily analyses of board computers information helped measure the improvements.

### After 6 month of use, figures were obvious!

Despite the growth of the activities, the number of kilometres drastically decreased and the number of vehicles was reduced.

### Parameters being crucial within the planning of Java

- o Time windows for delivery
- o Accessibility at client (type of vehicle)
- o Fresh and frozen compartments
- o Working time and legal breaks
- o Optimizing fill-up of vehicles
- o Computing unloading times
- o Assignment of vehicles by regions
- o Automatic geocoding
- o Integration with the internal ERP system

But the most important result is a spectacular increase of the service quality which approached the 100% of satisfaction.

*"It is clear that we got the payback from our investment in just a few weeks,"* declares Walter Berden, IT Manager at JAVA.

For more information : [www.java-coffee.be](http://www.java-coffee.be)

## About Routing International

Routing International is a Belgian company specialized in software development for vehicle routing and planning problems. Thanks to its WinRoute software and its team of consultants, Routing International helps companies from all seize to optimize their distribution planning, thus increasing their profitability and competitiveness.

Routing International has offices in Brussels, Paris, Luxemburg and Rotterdam. Since 1990, more than 100 clients have chosen Routing International to optimise their distribution planning.

For more information: [www.routing-international.com](http://www.routing-international.com)

## About WinRoute™

WinRoute software is based on the latest technology as it comes to planning and optimisation. It has been developed with the interaction between dispatchers, logistic managers and study departments in logistic companies and is the result of more than 15 years of experience accumulated with our clients.

### WinRoute is based on 4 pilasters, with each a specific objective.

- o The **graphical interface** is intuitive and ergonomic. Any user can easily find the information he needs and modify efficiently the planning.
- o The **model** is flexible and very large. It offers the possibility to translate very precisely all the constraints, even the most complex, to which the dispatchers are confronted and adapts to any particular situation.
- o The **optimisation engine** is very powerful. It helps to obtain quickly more efficient and less expensive distribution routes.
- o The **integration** between WinRoute and your IT environment offers a maximal interoperability (order management systems, TMS/WMS, ERP, etc)



### WinRoute advantages :

- Reducing planning time
- Efficiency and cost reduction
- Improving service quality

### The WinRoute product family also includes ID-Fix™ and WinRoute On-Line™.

The main benefits for WinRoute clients are:

- o **Reducing planning time.** This regained time can be used to improve service delivery (for example accepting orders until a later deadline) and the comfort of the dispatcher (avoiding working at night).
- o **Better efficiency of the distribution rounds and cost reduction.** As it is trough the reduction of the number of kilometres, the number of vehicles used, a better grouping of the deliveries or just trough balancing work load between drivers, WinRoute computes the planning that best suits your objectives. Experience shows that the use of WinRoute leads to the reduction of 5 to 25 % of the transportation costs.
- o **Improving service delivery.** The planning WinRoute computes, respects all your constraints and client specifications (time windows, specific delivery measures ...) and is based on the exact model of the company procedures (vehicles, drivers, depots, visits, order specifications, delivery time). These details make shore that every client will be delivered in time.

