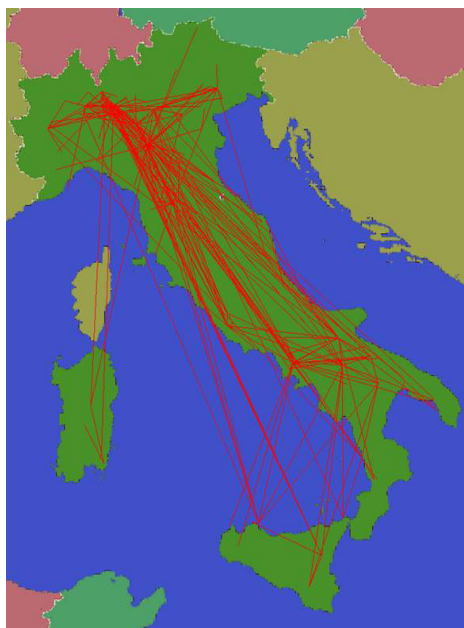




Case study: Number 1 Logistics Group

Number 1 Logistics Group is Italian logistic operator leader in grocery with 400.000.000 of necks managed, 2.500.000 delivers for about 2.100.000 tons, 250.000.000 of km traveled in a year, 2.600 vehicles and 110.000 customers served. At the beginning its activity was born to distribute Barilla's products in different depots and supermarkets and to transport the grain from the production areas to the productive sites. Once activated this logistic process, it has thought to develop it by offering the same service to other companies that should transport goods in the same depots and supermarkets.



A primary phase allows the goods to come from the origine zone to the final distribution zone using big trucks. When it is possible and suitable, the final customer is served directly by these trucks, otherwise the goods are collected in local logistic centers. In these centers the goods are consolidated and distributed locally by smaller trucks (secondary phase).

Number 1 chose AntOptima for the automatization of the route creation phase and for the optimization of the goods distribution. The goal is to maximize the transportations efficiency respecting the constraints on the opening time of the different depots and the limits established from the law on the travel times of each vehicle. The routes considered cover the whole Italy with services

in one, two and sometimes also three days.



Based on initial information, AntRoute optimizes in a few minutes pick-up & delivery orders to satisfy the requirements and the specific needs of Number1.

Thanks to AntRoute, Number1 Logistics Group was able to obtain improvements in the performance from 2 to 5% with a considerable saving in the distributive costs and a greater efficiency of the whole logistic process.

Antoptima
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