

#032 ROUTE OPTIMISATION: HOW TO ADAPT TO THE CONSEQUENCES OF THE HEALTH CRISIS?

Distribution

Industry

Provider

Digital

In the context of the crisis we are going through, the optimization of your routes may have lost its relevance. Here are a few ways to understand why and help you adjust the planning of your operations to this new context:



Fluctuating fuel prices, the use of overtime and protective equipment costs have disrupted your cost models: it is necessary to adjust them in your solution so that the optimization takes them into account in the calculation of tours,

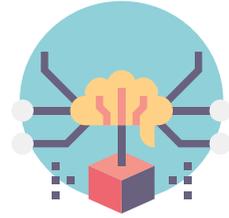


Traffic has become almost non-existent. Make sure that the traffic patterns that previously applied to your optimizations have been updated,





Absenteeism makes optimal use of resources essential. On the other hand, confined consumers can be expected to be less demanding in terms of meeting delivery slots. Reprioritize your optimization objectives according to the new context,



If your activity requires the use of sectorization, the explosion of home deliveries and the closure of points of sale have had a strong impact on the relevance of your tours. Collect a few weeks of historical data during the crisis and **use your solution in simulation mode via Machine Learning to resize your fleet and adjust your sectors.**

The Machine Learning is a fantastic strategic tool in times of crisis. Not only does it allow you **to use short histories to correct models that have become obsolete, but it also allows you to integrate forecasting in order to anticipate future shocks or to manage the gradual exit from the crisis.**



Raphaël de Castilla

Chief Operating Officer at Kardinal

 Kardinal

20+ years expertise in helping companies to digitalize and reduce logistics costs. IT expert with a passion for innovative technologies, he dedicates his expertise to solve complex problems in order to build a more agile Supply Chain, in line with environmental issues.

| About ASLOG

ASLOG brings together more than 400 companies from all sectors, with 2,000 professionals working together to promote and build tomorrow's Supply Chain. ASLOG is a neutral and independent association that addresses Supply Chain issues.

As early as 1972, visionary men sensed that this function would be decisive for all companies. For almost fifty years, professionals in the sector have made ASLOG the reference partner.

ASLOG is the privileged interlocutor of institutions and public authorities on all questions relating to the sector.

| #supplychain4good

The **#SupplyChain4Good** community was created at the initiative of Michelin and ASLOG, as part of the Movin'On ecosystem, in favor of a more sustainable mobility of goods.

#SupplyChain4Good's ambition is to federate the actors who work for Supply Chains that are simultaneously good for the planet, the people and the business performance. The members of this community are «shippers» (industrial and commercial companies), «operators» (transporters, logisticians, shipping companies, ports...), «support functions» (academics, consultants, information systems, regulators, NGOs...).

They cover all economic sectors and all regions of the world. Their work takes place throughout the year and culminates in the annual Movin'On Summit, the world summit on sustainable mobility.