
Optimize on-demand transport services

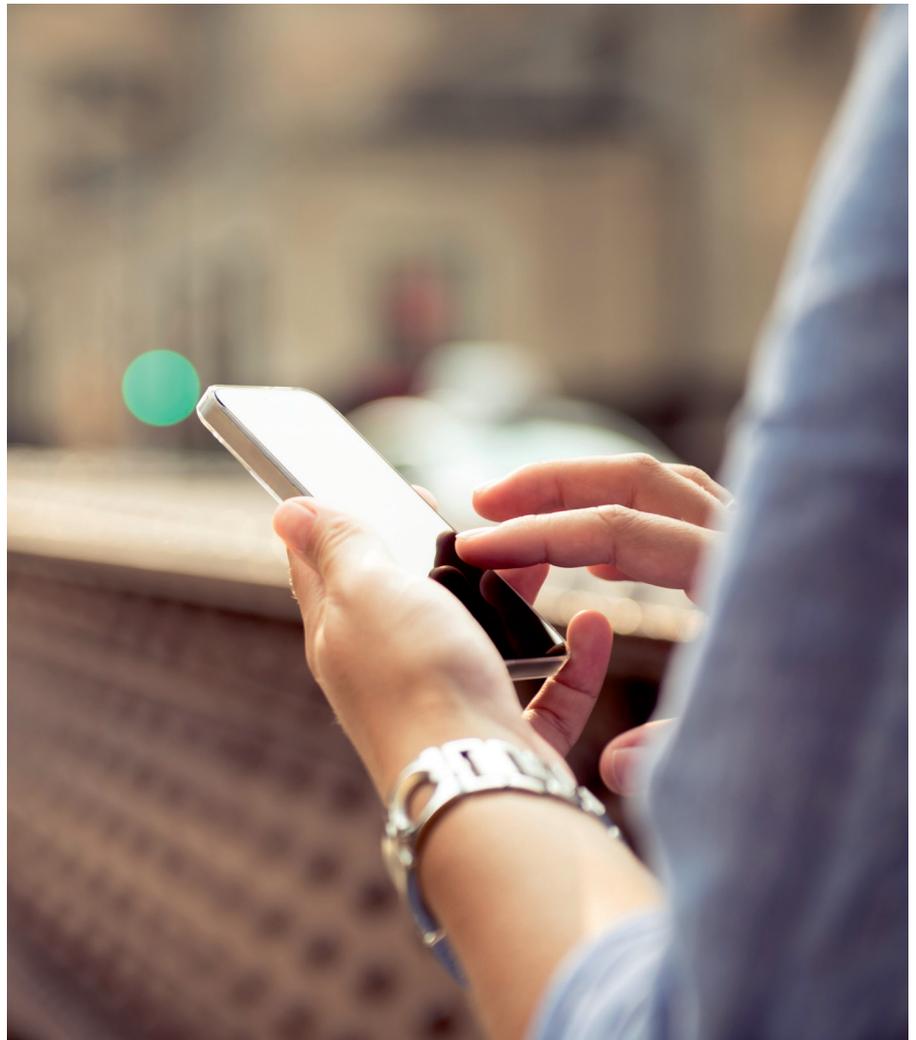
With the shift to environmental sustainability and the digital transformation of mobility, the organization of public transport is changing. In response, Atos offers an innovative solution called Transport on Demand.

With mobility policies rapidly evolving, on-demand transport services can provide a more flexible and sustainable response to the daily mobility needs of citizens. Local authorities face the challenge of how to accelerate this revolution in local mobility while rationalizing costs and ensuring more efficient services.

Atos Transport on Demand (TOD) is a complete software solution that manages bookings and route assignments centrally. Our expertise enables us to deliver TOD as an end-to-end cybersecure cloud solution.

Global approaches to local solutions

As an integrator, hosting provider and partner delivering innovative solutions, Atos offers a global approach that can inspire and enrich digital platforms for cities and regions. Atos is involved in structuring projects, particularly in the areas of mobility, the environment, urbanization, energy and citizen safety.



Centralize, facilitate and optimize

A unifying vision

With TOD, multiple geographically dispersed on-demand public and community transport services (non-fixed routes, zone-based transport services, home pick-ups, services for citizens with reduced mobility, and so on) can be optimized and centralized, all with the same software interface.

The solution provides urban transport authorities with a powerful technical platform that enables them to increase efficiency and reduce operating costs. Thanks to artificial intelligence optimization algorithms, routes are built dynamically to maximize synergies, consume fewer vehicle resources, reduce vacancy rates and minimize CO₂ emissions.

Value-adding modules

TOD offers a wide range of features:

- Real-time geolocation of vehicles with notification of progress and delays
- Notification of vehicle arrival
- Notification by the carrier of the member's no-show
- Database coupled with a high-performance mapping tool (calculation of km and route duration)
- Open data
- Interface with a large range of mobility tools
- Data exchange between the various players in digital mobility.

Top-level expertise

Thanks to Atos' extensive experience and expertise, TOD guarantees local authorities cost control and optimal data security:

- Securing the data lifecycle - recording, analysis, retrieval and transformation
- Compliance with the GDPR law
- Addition of new real-time services via Google Cloud.

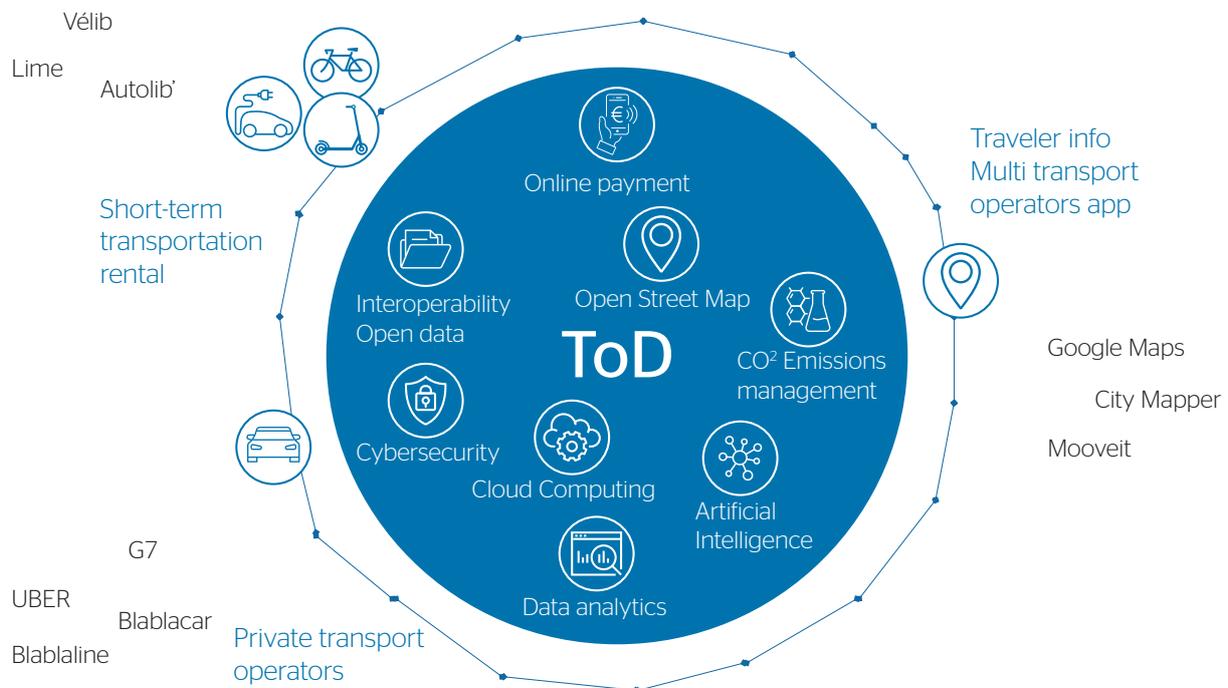
Real-time and automation

Fully automated, the TOD software suite provides a 24-hour service:

- Booking via the web application
- Validation or refusal of rides by carriers via the web application
- Follow-up of reservations and rides for carriers and taxis
- Real-time notification between different organizations and carriers
- Guarantee of optimal service continuity, thanks to the Google Cloud platform.

End-to-end support

Our experts will ensure that the solution is adapted, configured and supported to meet all specific and local requirements.



For more information: carole.millet@atos.net

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