



MOBILITY

Autonomous Transport Systems - ATS

Strong ambition

Because moving is essential to meet, work... or simply to live, at Transdev we empower freedom to move every day with confidence thanks to safe, reliable and innovative solutions that serve the common good. We are actively involved in the energy transition and bridging the social divide. We connect and reconnect people & communities, the rural to the urban, providing solutions tailored to the needs of our customers and passengers. We are proud to make 11 million people travel daily across 5 continents. We are people serving people. And mobility is what we do. Transdev, The Mobility Company.

The Transdev Autonomous Transport Systems - ATS team has been created to allow transportation networks to operate fleets of Autonomous Vehicles (AV) in the upcoming years. New services for all, everywhere and anytime: we aim to keep developing inclusive, efficient and sustainable mobility solutions by gradually accompanying our clients for the introduction of shared autonomous vehicles into transport networks. We want to harness autonomous technology for shared transport.



A pillar of Transdev's strategy is the development of autonomous transport systems, one of the major disruptive innovations in the future of mobility."

Thierry Mallet,
Chairman and CEO
of Transdev Group



Transdev Autonomous Transport Systems - ATS is an integrator of autonomous transport systems, including AV Supervision, autonomous vehicles and connected infrastructure. Transdev Autonomous Transport Systems - ATS provides technological tools and engineering services to local operators and cities for the day-to-day operations of large scale autonomous mobility services. For that we combine the best of human and artificial intelligence. Therefore, we offer turnkey shared autonomous transport solutions: from helping to choose the right services/routes to rolling out and operating services, including authorisations management and tracking customer satisfaction. We work closely with our clients every step of the way.

AUTONOMOUS TRANSPORTATION: MULTIPLE BENEFITS



Global solutions

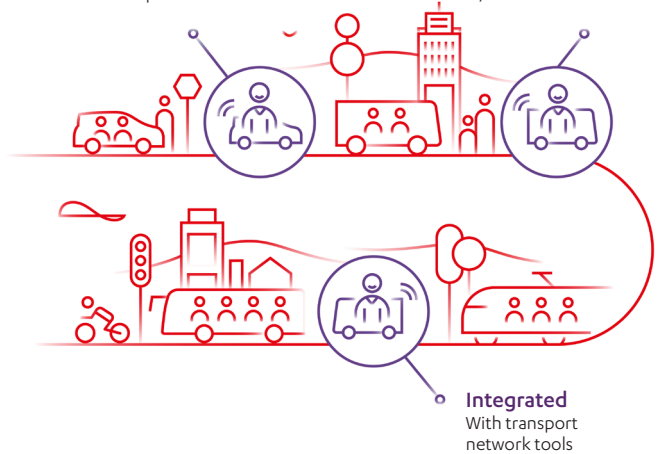
SHARED MOBILITY INTEGRATED

Our solutions are tailored for the day-to-day operation of AV transport services for overall performance and revenues optimization:

- Before operation, integration and deployment services cover all phases from exploration to tests and service launch, including site analysis and service/system design;
- During operation, the Autonomous Vehicles Fleet Supervision software providing fleet management, system monitoring and passenger experience, connected to the more usual operating tools;
- And also data-driven technical support and a dedicated module of Data+ BI (Business Intelligence).

Intermodal
With all other modes of transport

Interoperable
With vehicles from any manufacturer



Integrated
With transport network tools

3.5 M
passengers transported

1.6 M
kilometers travelled



With Transdev Autonomous Transport Systems team, Transdev is leader in operating shared autonomous mobility services.

IN AUTONOMOUS VEHICLES (NO STEERING WHEEL OR PEDALS)

OUR OFFERING ADAPTS TO DIFFERENT USE CASES:



Mobility services in city centers



"First / last mile" services



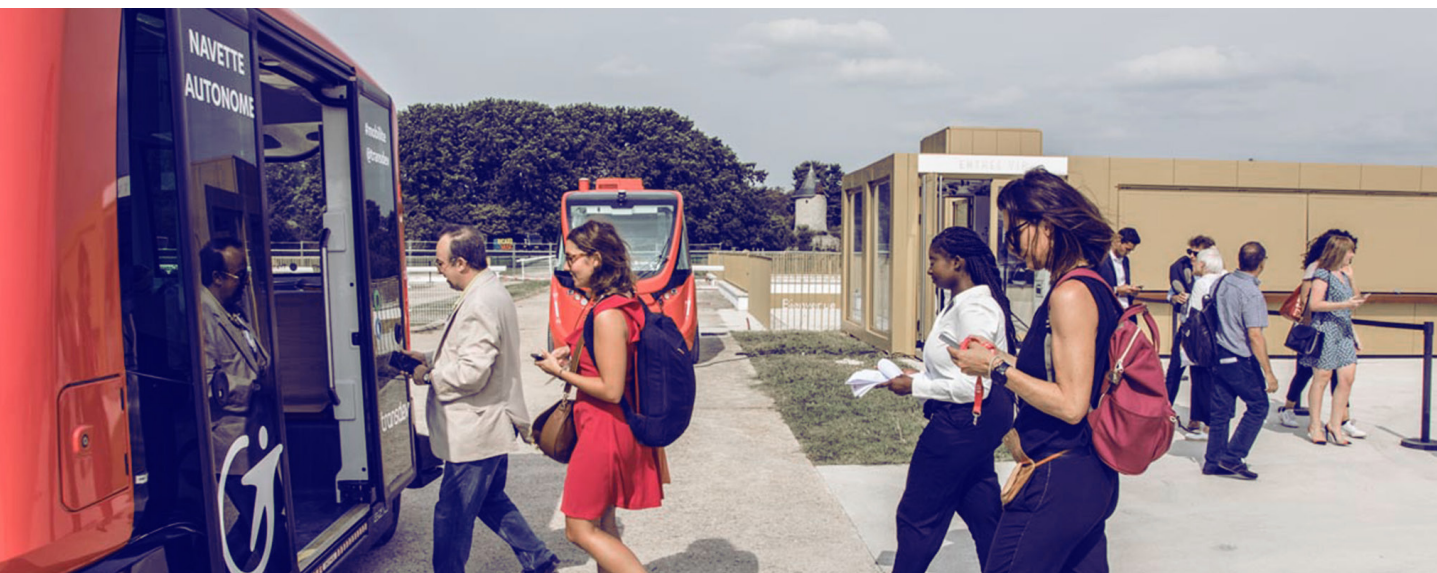
Business districts or private sites



Low ridership services



Increased service hours



Consolidated expertise

The team, located at mobiLAB (Versailles Satory), is composed of international experts with strong expertise in autonomous vehicles, supervision systems and transportation operational tools, enabling a smooth deployment of AVs in existing public transport networks and allowing operators to maintain their quality of service.

A DYNAMIC AND INTERNATIONAL TEAM

17
nationalities

35
average
employee age

50%
of women in the
management team

UNIQUE BLEND OF EXPERIENCE



Our key focus is not only the autonomous vehicle itself but also to offer a quality of service with a good customer experience. It is up to us to rethink it, for autonomous mobility, to guarantee passengers safety, comfort on board, passenger information, interaction with supervision operators... This technological and operational mastery is key, and it is the foundation of Transdev Autonomous Transport Systems existence."

Patricia Villoslada,
Director Transdev ATS

For 'Rouen Normandy Autonomous Lab' and 'Paris-Saclay Autonomous Lab', Transdev ATS is providing i-Cristal autonomous electric shuttle with a maximum capacity of 16 passengers, which is co-developed in an industrial partnership with Lohr Group. The shuttle builds on Transdev ATS' experience with accessibility, interior fitting and customer interfaces. Its embedded technology includes Mobileye's (an Intel Company) self-driving system. To enhance the customer experience, there are features on-board to provide comfort and atmosphere, customer-HMI and on-board services, based on ATS CX by Transdev (Autonomous Transport System Customer Experience by Transdev).



Solid track record

IN ONLY A FEW YEARS, IMPORTANT STEPS HAVE BEEN ACHIEVED:

SINCE 2005

Rotterdam (The Netherlands)
World's 1st commercial contract.
Ferrying passengers between a metro station and business park.



2016 > 2018

Civaux (France)
World's 1st private commercial contract.
Shuttling staff across the site of an EDF nuclear power station.



2017

Issy-les-Moulineaux (France)
Shuttling passengers between park and ride and tram station.



Rungis (France)
1st commercial contract on open road in France.

Carrying staff from Icade Rungis business park to the various restaurants on the site.

2018

Paris Motor Show (France)
Shuttling visitors during the event to move between the halls.



Verdun (France)
1st transport service in France on open road in a city center for more than two months.

Reims (France)
Facilitating travel between two modes of transport.

Jacksonville (USA)
Shuttling sports fans from the car park to the stadium.



2020

Santiago (Chile)
1st project in Latin America.
Shuttling passengers between a metro station and a sports center.



2020

Linköping (Sweden)
1st multi-manufacturer project in Sweden.
Shuttling passengers on the University campus of Linköping.



2021 > 2023

Les Mureaux (France)
NAVETTY project.
European autonomous mobility showcase project.
Deploying a fully autonomous mobility service with no on-board operators, on a site representative of an urban area.



2014 > 2015

La Rochelle (France)
1st major project in France.
City centre transport for residents.



2017

Rouen (France)
Rouen Normandy Autonomous Lab project phase 1.
1st on-demand transport service using autonomous vehicles on open road in Europe.



Paris-Saclay (France)

Paris-Saclay Autonomous Lab project phase 1.
Autonomous, electric, shared, public and private mobility services to complement the existing mobility offering on the Paris-Saclay plateau.

2018 > 2019

Babcock Ranch (USA)
1st private commercial contract in the USA.



SINCE 2020

Gainesville (USA)
Shuttling students to the city centre from their Florida college campus.



ONGOING PROJECT

Rouen (France)
Rouen Normandy Autonomous Lab project phase 2.
Autonomous shuttles in urban and peri-urban areas in addition to a bus line; Autonomous, electric and shared cars on demand to serve downtown Rouen, with fixed stops.



ONGOING PROJECT

Paris-Saclay (France)
Paris-Saclay Autonomous Lab project phase 2.
Autonomous shuttles on a dedicated BRT line (shared with traditional PT), for a night service to and from the Massy Palaiseau station;
On-demand, electric, autonomous and shared cars as public transport, accessible via a smartphone app. The proposed meeting points serve 5km² campuses on the Saclay plateau.



BEGINNING IN 2022

Vernon-Giverny (France)
NIMFEA project.
1st autonomous vehicles service to a world-renowned tourist destination.
Providing a service from Vernon train station to Giverny (Claude Monet Foundation and Impressionist Museum).



International experience

We have accompanied more than 50 deployments around the world in the following countries:

- France
- Portugal
- Spain
- Germany
- The Netherlands
- Sweden
- Canada
- USA
- Chile
- Australia



Thanks to our positioning with a range of manufacturers (Lohr, EasyMile, 2GetThere, Renault, Navya, etc.), we deliver solutions for transportation services using autonomous vehicles from any brand to all types of transport network.



1000 PASSENGERS HAVE BEEN SURVEYED AND HAVE RATED OUR SERVICES:



Overall satisfaction score



Feeling of trust



Recommendation rate

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