



COMPANY PROFILE



About us

Movyon is the Autostrade per l'Italia Group's company specialised in the development and integration of Intelligent Transport Systems solutions, created as a centre of excellence for research and innovation.

The company develops digital engineering for mobility: we design, integrate and create innovative solutions to shape an intelligent, sustainable future, powered by invisible but ever-present technology.

The company operates in Italy and internationally, developing systems for monitoring and managing infrastructures, for controlling and managing traffic and for road safety and toll payments, in order to create smart roads and smart cities.

Movyon identifies innovative and technologically advanced solutions, working alongside customers - Public Administrations, infrastructure managers, large companies and service providers - to ensure they can provide the community with a more comfortable, simpler and safer travel experience.

Vision

We work to build a future characterised by smart mobility, smart cities, safe roads and sustainable infrastructures. A future where the environment is conceived as a valuable asset for those travelling daily on roads and motorways.

Out pillars of transformation



Innovation

Movyon's true driving force: it steers our activities, from research to design and development. The result is an experience based on a new concept of mobility created by our wide range of tech and smart solutions in urban and suburban contexts.



Sustainability

We see the environment as a priority. Our solutions aim to make mobility and infrastructure management sustainable. Sustainability is also central to our approach to people, the real driving force behind the change we aim to achieve.



Collaboration

Movyon's solutions are also the result of numerous partnerships. Synergy is our keyword. This is the spirit which drives our approach to our customers, in a collaborative relationship aimed at building and developing valuable services together.

Our solutions

Infrastructure Management

We develop advanced technologies for infrastructure safety and sustainability: ARGO, the infrastructure monitoring platform used in the inspection and lifecycle management of bridges, viaducts and tunnels, and the Evolutive Pavement Management System, used to monitor the state of road surfaces and plan road maintenance.

Advantages



Fully digitalised infrastructure assets



Data transparency and control



Real-time monitoring of the state of infrastructure

Tolling

Our tolling technology is used on 75% of Italy's roads and in 10 million onboard devices in Europe, handling approximately 1 billion transactions. Smart, innovative solutions for keeping users fully informed about tolls and providing a simple, easy-to-use payment experience.

Advantages



Onboard units (OBUs) using interoperable technology in Europe



Improved traffic flow, with fewer queues at toll booths



Improved customer experience for drivers thanks to the services offered

Traffic Management

We develop intelligent systems combining technologies for managing both urban and extra-urban traffic. Our Traffic Management Platform manages devices and applications, gathers and processes data to transform it into targeted initiatives and provides users with all the information they need to travel safely and to best plan their trip.

Advantages



Improved road conditions thanks to constant supervision

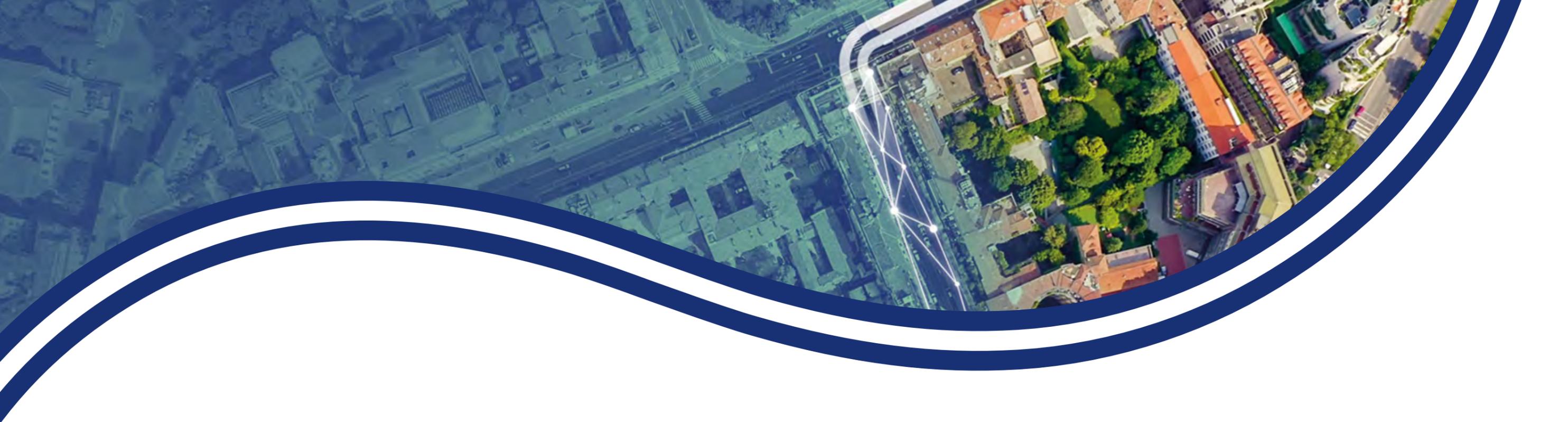


Real-time notification of events



Storage and reporting of historical traffic data





Safety Management

We offer solutions designed to make roads increasingly safe: our tunnel management system to travel safely through tunnels, the TUTOR® system to identify drivers breaking the speed limit, and systems for use in the dynamic monitoring of heavy vehicles, in the tracking of hazardous loads and in planning roadworks.

Advantages



Monitoring of the weights, stresses and loads borne by infrastructure



Compliance with current tunnel safety regulations



Improved infrastructure safety

Smart Roads

Our Smart Road project involves experimenting with connected cars, with technologies that enable the exchange of information between vehicles and road infrastructure. We are also trialling new solutions for the creation of intelligent service areas through the use of IoT technologies, video analysis and predictive algorithms, sensors, laser scanners, cameras, information displays and an innovative control room system.

Advantages



Collection of data on preferences, driving styles and traffic information



Optimised traffic flow



Interoperable vehicle onboard units

Smart Cities

We develop and integrate systems for optimising traffic flow, the intelligent control of access to restricted areas and urban tolling, facilitating sustainable mobility within an interconnected urban system.

Advantages



Optimised traffic flow thanks to predictive modelling



Storage and reporting of historical traffic data



Improved customer experience thanks to smoother, safer journeys

Movyon Electronics

A hub dedicated to the design and development of electronic devices for use in intelligent transport and electronic tolling systems, created following the acquisition of Infomobility Srl. The excellence of Italy's motor valley to develop cutting-edge technology products.

Advantages



Excellent technology products, strategic for the mobility sector



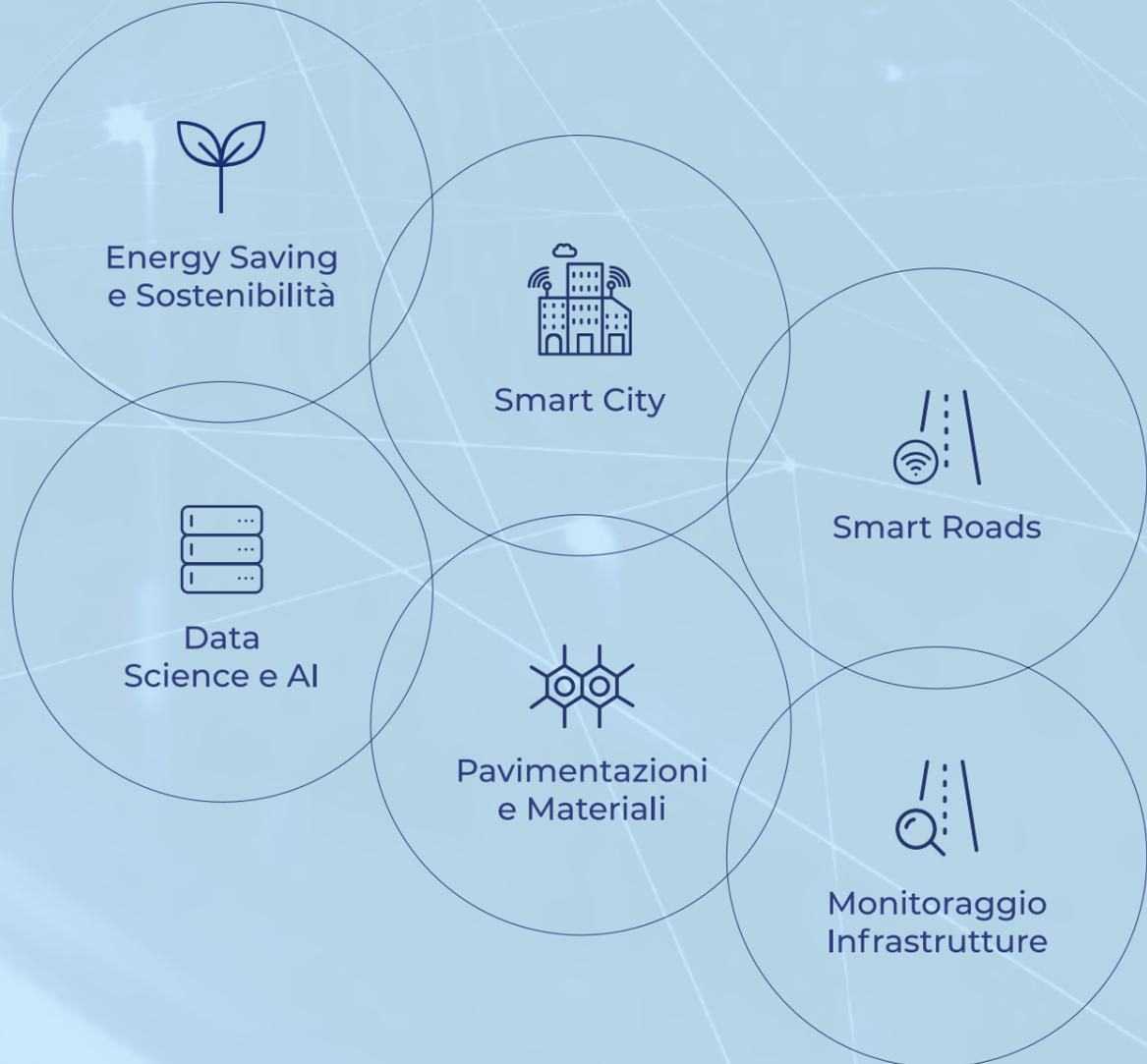
Highly specialist expertise with a strong focus on R&D



End-to-end solutions, providing guaranteed flexibility, control and quality



Research and development areas



Our approach to innovation

We are the Autostrade per l'Italia Group's centre of technological innovation. We promote cutting-edge initiatives to be adopted on roads and motorways, in urban and suburban contexts.

Our strategic approach based on open innovation opens up to collaborations with innovative companies, universities and research centres, leveraging the best ideas and skills.



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