

The MOOVA logo is located in the top right corner. It features the word "MOOVA" in a white, sans-serif font. The letter "O" is stylized with a dot above it. The background of the entire image is a dark blue gradient with a network of white lines and dots, suggesting a digital or data-driven environment. There are also several large, overlapping circles in various colors (cyan, pink, green, purple, orange) scattered across the image, some containing binary code patterns.

MOOVA

A central silhouette of a person standing with a suitcase, looking out a window at an airplane flying in the sky. The person is positioned in the middle ground, with their back to the camera. The window they are looking out of is a large, bright rectangular opening. The airplane is a small silhouette in the distance. The overall scene is set against a light blue background, possibly representing an airport or a travel hub. The person's shadow is cast on the floor in front of them.

MOOVA
MOBILITY_HUB
SOLUTIONS

THE_FREEDOM
_TO MOVE

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MOOVA PRODUCTS AND SOLUTIONS

MoovA is the **Almaviva** platform for integrated, modular and seamless mobility, capable of managing different modes of transport through a single and advanced technological framework for fast, interconnected and flexible mobility.

Mobility HUB is the suite of solutions, based on the products of the **MoovA Platform**, dedicated to the digitalization of Stations, Ports and Airports for their enhancement, operational excellence and continuous improvement of the services provided.

The Suite for Mobility HUBs makes it possible to manage technological devices, civil systems and passenger flow from a green perspective, improving the **efficiency of maintenance processes and safety & security**.



1. THE MOBILITY HUB OF THE FUTURE IS DIGITAL_

Target market

MoovA Mobility HUB Solutions respond in a complete and innovative way to the needs of infrastructure managers, transport companies and Authorities that are responsible for access hubs to mobility services such as passenger terminals, airports, ports and stations. They allow the management of all the components of the HUB through their digitization and integration into a single view, which allows the control and management of passenger flows, site security, infomobility, buildings and systems. The analysis of events allows you to deal effectively and consciously with critical situations and emergencies. The characteristics of the solutions allow them to be applied to infrastructures not directly related to mobility such as stadiums, shopping malls, offices, etc.

Who it is aimed at



Infrastructure Manager



Ports, Airports, Stations, Parking, etc



Authority

BENEFITS_

MoovA Mobility HUB solutions represent a comprehensive suite of end-to-end solutions based on deep industry expertise, high-quality IT services, products, and strategic partnerships.

They are able to adapt to the size and organizational complexity of different operational scenarios, from single manager to interconnected and multi-company realities.

They improve the passenger's travel experience and promote more sustainable, accessible and safe mobility.

They make it possible to automate the control and management processes of the various components of the Hubs with significant repercussions in terms of operational efficiency and consumption containment.



2. INTEGRATED, SEAMLESS SOLUTIONS_

In a market characterized by multiple and different business needs and a strong and continuous drive for innovation, **MoovA Mobility HUB** solutions represent an immediate, effective and flexible response to the needs of those operating in the mobility sector.

They combine professional skills and specialist skills, an understanding of innovation trends and the use of the necessary digital technologies.

Decades of experience and in-depth knowledge of the field of intervention.



END-TO-END
SOLUTIONS

VISION AND
KNOWLEDGE

ADVANTAGES
OF ASSETS



**SERVICE
END-TO-END**

Design, development
and delivery of services
end-to-end



INTEGRATION

Experience and skills in integrating
of proprietary projects with those
third parties to preserve the value
of previous business investments



OPERATION & MAINTENANCE

Customer support in operational processes
and guarantee of continuity of services,
up to the provision of models
of full outsourcing



PROCESSES CORE

Technical skills and knowledge
of the business processes of the
multimodal transport market



DIGITAL TRANSFORMATION

Strategic observatory on trends
mobility trends and long-term vision
term vision on market evolution



CONSULTING

Constant monitoring and presence
on the market to promptly identify
the best available technologies



MOOVA

Platform built with a modular logic
modular logic, which makes it potentially
separable or integrable products
that make it up



BEST PRACTICE

Availability of assets born from experience,
reusable, enabling a reduction in
time to market and increase the quality of the services
of the services offered



PARTNERSHIP

Strategic alliances with major
market players in innovation
and transport services

3. MOOVA SOLUTIONS FOR A NEW MOBILITY HUB_

Live a new travel experience, immediate, informed, seamless.

Transforming the Mobility HUB into a more accessible, safe and sustainable ecosystem.

A resilient Mobility HUB, to contain disruptions and minimise their impact on passengers.

An interconnected Mobility HUB and protagonist of the new paradigms of integrated multimodal mobility.

PASSENGER
EXPERIENCE

SECURITY &
SAFETY

BUILDING
MANAGEMENT



PASSENGER EXPERIENCE_

Solution for the automatic delivery of information to the public through audio and video channels, in multilingual and with multi-protocol communication to the different devices.

It is able to provide content that is immediately updated with respect to the performance of mobility services, thanks to the integration with production systems.

It allows the integrated provision of information relating to mobility services not directly managed in the Mobility HUB but connected to it (e.g. information relating to public transport and sharing mobility available on the videos inside the station).

It is modular, able to adapt to simple and complex systems, extremely configurable to meet different needs.

MOOVA PRODUCT_

- Control Room
- Information Hub
- Passenger Information System
- Smart Station
- Device Management

KEY COMPETENCES_

- Twenty years of experience with over 1800 stations built and managed in Italy and abroad.
- Supply of end-to-end solutions, which include both the design and construction of the plant and the necessary Hw and Sw components, as well as the subsequent management.
- Provision of integrated solutions with existing systems and services in order to preserve previous business investments.



DISTINCTIVE FEATURES_

It is natively multimodal, suitable for providing information for all modes of transport.

It is multi-channel, able to take advantage of audio and video devices, mobile devices, totems and smart objects.

It supports the entire travel experience, offering information for the different types of mobility services, for accessibility to Mobility HUBs, for additional services used during the trip.



Complete end-to-end infomobility solution, both through specific supply and through integration with transport operator devices and systems.



SECURITY & SAFETY_

An integrated solution that provides a unified view to support the security management of the Mobility HUB, combining advanced technologies, consolidated processes and specialized expertise. It extends the role of the video surveillance system, integrating the VMS with advanced video analysis features (facial recognition, heatmaps, metadata, people monitoring) to provide alerts and suggest actions for access control, gathering, intrusions, tampering, fires, etc.

It manages access control through automatic gates and turnstiles through dematerialized (QR, EMV, PNR) and physical (magnetic stripe, smart card, chip on paper, bar code) tickets. It ensures the planning of the openings and closures of the gates and the management of related information.

It allows you to carry out in real time People Counting operations, the calculation of queue times, the occupancy density of areas, the flow of passengers, etc.

MOOVA PRODUCTS_

- Control Room
- Information HUB
- Passenger Information System
- Smart Station
- Device Management

KEY COMPETENCES_

- Provision of end-to-end solutions, which include both the design and construction of the plant and the necessary Hw and Sw components, as well as the subsequent management.
- Provision of integrated solutions with existing systems and services in order to preserve previous business investments.



The algorithms used do not require stringent prerequisites for the cameras used, allowing previous infrastructure investments to be enhanced.

All commands, alarms and system statuses are historicized as BigData, to allow specific analysis and advanced reporting through an Analytics platform.



DISTINCTIVE FEATURES_

Proprietary video analysis algorithms allow for a wide range of customizations such as Violence Detection, Man-Down Recognition, Vandalism Detection, Weapons Detection, People Tracking and Re-Identification, and No-Go Area detection.



BUILDING MANAGEMENT_

Solution that guarantees real-time monitoring, command and control of civil and technological systems and sensors in the Mobility HUB, to improve energy efficiency and contain operating costs.

It generates alarms and notifications in case of anomalies and supports the management of the consequent interventions.

It allows the analysis of collected data to identify trends and identify related improvement actions.

It guarantees real-time monitoring and control of energy, water and gas consumption, making it possible to identify any waste or malfunction of the systems and promptly activate the necessary interventions.

MOOVA PRODUCTS_

- Control Room
- Information Hub
- Passenger Information System
- Smart Station
- Device Management

KEY COMPETENCES_

- Proven experience with over 200 stations built and managed in Italy and abroad.
 - Supply of end-to-end solutions, which include both the design and construction of the plant and on-site operations, as well as the subsequent management.
 - Provision of integrated solutions with existing systems and services in order to preserve previous business investments.
- Direct production of the Edge IOT components used in the solution.

DISTINCTIVE FEATURES_

Wide range of systems that can be integrated into the system with the possibility of easily extending it to other types: escalator systems, cameras, anti-flooding pumps, gates, doors, gates, fire-fighting, anti-intrusion, air conditioning systems, special tunnel systems, environmental sensors (also with LoRa protocol), lighting lines, electrical panels, electrical substations, Ticket Vending Machine, access control systems using mechatronics keys, etc.



The use of Automatic Speech Recognition and Natural Language Processing technologies enable voice command and control functions, simplifying operations during the monitoring process.

A woman wearing a wide-brimmed hat, a light-colored blazer, and trousers is walking away from the camera on a train station platform. She is pulling a black rolling suitcase and carrying a black shoulder bag. The platform has a high, arched glass and steel roof. In the background, other people are sitting on benches, and a sign with the number '7' and the word 'Ovest' is visible. The entire image has a blue color cast.

_ MOBILITY HUB _



Scan the QR code for more informations!



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LET'S_MOOVA_
ON_TOGETHER.

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