

INFORMATION HUB PROVIDES AN INTEGRATED, CONSISTENT, DETAILED DIGITAL VIEW OF THE OVERALL MOBILITY SYSTEM

DISTINCTIVE FEATURES:



Based on modern and innovative technologies to collect huge amounts of data and information coming from different sources, organizing it coherently according to a common data model based on international standards and market best practices.



Built on top of an event-oriented architecture, by means of stream processing technologies, to process data in real-time and provide the results to all interested parties.



Provides a digital representation of the whole mobility system, on different information domains and time dimensions. It is the basis of the entire platform and allows the sharing of a coherent master vision between the different products.



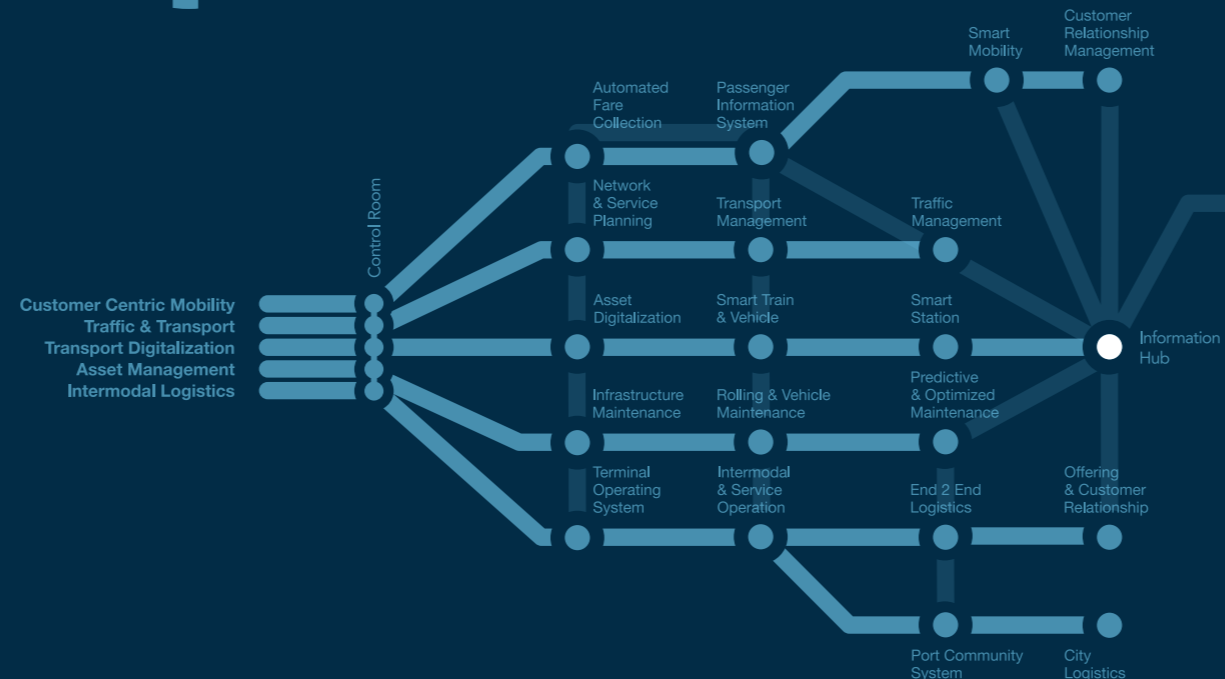
Modular design to meet the needs of any mobility ecosystem, from the simplest to the most complex, supporting the monitoring and supervision requirements of individual transport operators, service aggregators and governance authorities, in addition to infrastructure and asset managers.



Natively multi-modal, multi-operator and multi-culture, in order to meet the different needs of the market, also in an international context.



Monitoring tools and graphical data presentation widgets, reusable in other applications and products (e.g. Control Room).



LET'S_MOOVA_ON_TOGETHER.

ONE_INFORMATION HUB_TO RULE THEM ALL

MOBILITY DIGITAL SKIN

The Information Hub provides a "digital window" for the observation and awareness of the physical events that constitute the fundamental nature of transport, providing monitoring capabilities for assets, people, goods, services and operations, to obtain an integrated, timely and progressively detailed view of the entire transport system. This digital view of the transport process is made available through both standard APIs and powerful, professional graphic tools, providing the foundation for an effective exploitation of data and collaboration.

MOBILITY ECOSYSTEM

Provides an enabling platform to organizations and authorities who have interest in encouraging and promoting the development of transport and mobility services ecosystems, both at a local level or at a national/international level. It favors interoperability between different transport operators, integrating the contribution of each of them in a multi-service, multi-modal and multi-company context to offer complex services that best meet customer needs.

KNOWLEDGE TO DECIDE

Allows to perform complex data analysis in real time, to calculate the status and forecast of the main transport dimensions and service performance, analysing behaviors, detecting anomalous conditions, generating alarm signals and making all the relevant information available to operators, to support decisions and significantly improve responsiveness and effectiveness dealing with unexpected accidental events. Advanced decision support analytics are crucial both for the development and provisioning of offered services and for performing governance actions on the mobility ecosystem, facilitating the identification of systematic measures to improve services and optimize production.

MULTI-SERVICE, MULTI-MODAL, MULTI-OPERATOR DIGITAL MOBILITY



SERVICE



OPERATIONS



PEOPLE



FREIGHT



ASSETS

MONITORING & REPORTING TOOLS

Monitoring and reporting tools tailored for the needs of different types of users: operators, management, and stakeholders.



SLA & OLA EVALUATION

Performance indicators and quality targets relating to the service and operating procedures that contribute to its production.

STATUS EVALUATION & FORECAST

Processing and synthesis of information, to ensure a "unique digital representation of the service", integrating past, present and future into an information continuum.

DECISION SUPPORT ANALYTICS

Advanced analytics, aimed at obtaining new information from the acquired data, to support the decisions necessary to intervene in the face of accidental or planned disturbance events.

COMMON DATA MODEL

Acquisition, correlation and storage of information consistently according to a common data model based on international standards.



MOBILITY AUTHORITY



TRANSPORT OPERATOR



LOGISTICS OPERATOR



MOBILITY INTEGRATOR



ASSET MANAGER



CONTROL ROOM



EXTERNAL DATA PROVIDER



IOT & FIELD DATA PROVIDER