ITS

Beyond limits

GMV is a global leader in the design and implementation of Intelligent Transportation Systems (ITS), with more than 950 customers in 30 countries and 5 continents.

GMV offers turnkey solutions in a modular and scalable manner, getting involved in the complete development of the project and incorporating its own in-house hardware and software along the way.

Our clients vouch for GMV as a worldwide trailblazer in the development of intelligent transportation systems for the following modes of transport and operations: road public transportation, railway transportation and automotive.

marketing.transport@gmv.com
gmv.com

gmv®
INNOVATING SOLUTIONS

Public Bus Transport

GMV provides all-in intelligent transportation systems for public bus transport, using cutting-edge technology and in-house designs that meet the most stringent certification requirements for on-board installation (E-mark). Based on open standards, they are interoperable and scalable, both for public and private operators.

Top of GMV's ITS range come its advanced fleet management systems (trademarked as **SAE GMV**), which give operators all-in management of their transport services, from real time check of service compliance, resource-dispatch tools, alarm management, regulation tools to Business-Intelligence-based data mining systems, etc.

The ideal complement for **SAE GMV** is **GMV Planner**, which plans and schedules the whole service and streamlines resources to ensure a rapid and efficient transport system at the most affordable cost.

GMV's **ticketing systems** tap into the very latest publictransport means-of-payment trends, including in-house on-board vending and validation components allowing for payment by EMV bank card or NFC plus back-office tools for fare system configuration, including account-based ticketing (ABT) and data mining.

GMV's comprehensive portfolio is further enhanced by demand-response transport solutions with bespoke service planning, eco-driving and passenger-safety (on-board CCTV) systems.

Railway Transport

Safety, punctuality and comfort are the three essential features of railway transport. GMV's intelligent transportation systems help to enhance the passenger service and boost the safety, while also improving the management procedures of transport authorities and operators.

GMV's railway ITSs boast a host of in-house developments and a remarkable list of clients, including both private and public operators, such as Spain's national operator, RENFE; the national Moroccan operator, ONCF; Metro de Barcelona and Metro de Santiago de Chile; also including manufacturers like ALSTOM, CAF, Pesa and Talgo. GMV has proved its mettle as a trustworthy technology partner on major railway projects, meeting the most stringent standards and specifications of the railway sector. Our portfolio of excellence takes in all types of railway transport: tramways, light transit, underground metro, commuter trains, regional trains, main-line, high speed and even freight trains.

GMV's range includes in-house railway fleet-management system (**SAE-R**), which provides operators with all-in management of the transport service from real time check of service compliance, resource-dispatch tools, alarm management, regulation tools to Business-Intelligence-based data mining systems, etc. **SAE-R**
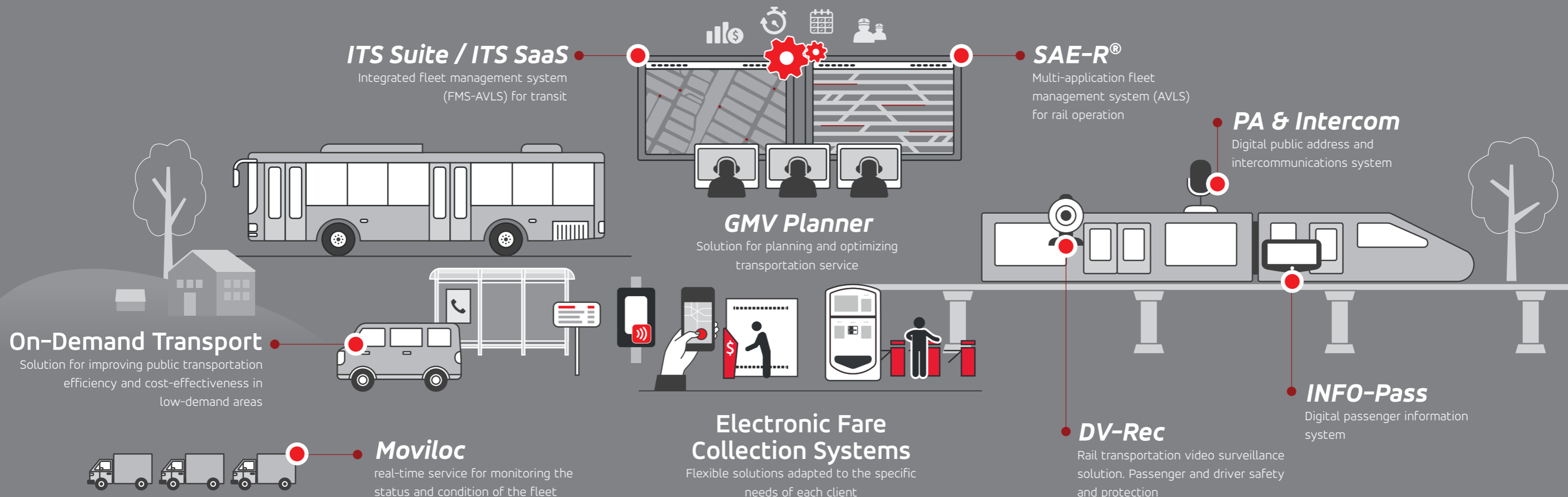
is rounded out with **Info-Pass** on-board passenger information systems, **DV-REC** on-board digital distributed video-surveillance systems and **PA-Intercom** audio information systems.

GMV's **ticketing systems**, moreover, include stationaccess control systems based on ticket validation and smartcards, on-board validation (especially for tramway and light rail) and several models of ticket-vending machines.

Special Fleets

GMV has extensive experience on developing complex computer-aided dispatch/automatic vehicle location for urban transportation operators. This experience makes it possible to understand the different needs of other types of operations, such as public service fleets and apply our technological knowledge to offer solutions tailored to those needs.

Intelligent Transportation Systems

ITS Suite / ITS SaaS
Integrated fleet management system (FMS-AVLS) for transit

SAE-R®
Multi-application fleet management system (AVLS) for rail operation

PA & Intercom
Digital public address and intercommunications system

GMV Planner
Solution for planning and optimizing transportation service

On-Demand Transport
Solution for improving public transportation efficiency and cost-effectiveness in low-demand areas

INFO-Pass
Digital passenger information system

Moviloc
real-time service for monitoring the status and condition of the fleet

Electronic Fare Collection Systems
Flexible solutions adapted to the specific needs of each client

DV-Rec
Rail transportation video surveillance solution. Passenger and driver safety and protection

REFERENCES

25+ 25+ Years Serving the transport industry

350+ Full-Time employees

950 Customers Worldwide
30 Countries
5 Continents

3 Billion Passengers per year 90 Passengers per second buying and validating tickets in our systems

46.700+ Vehicles worldwide
- 28.000+
- 4.700+
- 14.000+

3 Million Passengers Informed of the arrival time of the next Bus

4+ Million vehicles with GMV Firmware

180 World laps a Day

MADRID

MONTEVIDEO

SYDNEY

SAUDI ARABIA

TEL AVIV

MANILA

KAZAKHSTAN

MALTA

BARCELONA

CASCAIS

KRONOBERG

SZCZECIN

HOUSTON

DUBAI

EGYPT

CYPRUS

MARRAKECH

GUADALAJARA

GDANSK

SEVILLE

SANTIAGO DE CHILE

GRANADA

RABAT

WASHINGTON

LOS ANGELES

JERUSALEM

BALEARIC ISLANDS

BRAGANÇA

KUALA LUMPUR

VALENCIA

WARSAW

gmv.com