INNOVATING SOLUTIONS

Press kit

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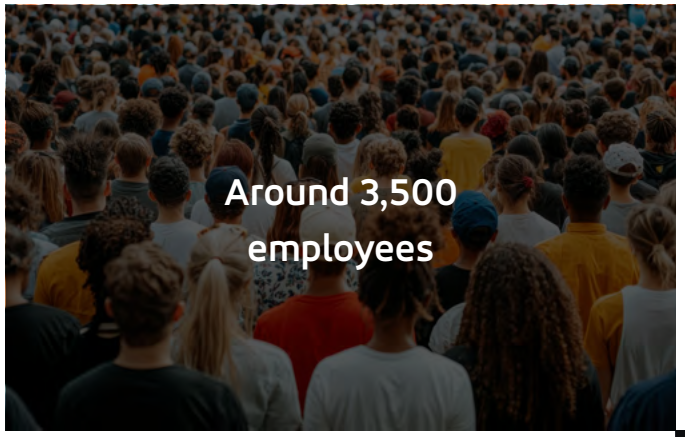
Get to know GMV

ABOUT
US

GMV is a technology multinational company offering cutting-edge developments in aeronautics, space, defense and security, cybersecurity, healthcare, intelligent transportation systems (ITS), the automotive industry, telecommunications, and information technology for public institutions and large companies.



Customers on
five continents

Over €380 million in total revenue by the end of 2023

Growth strategy based on **constant innovation**

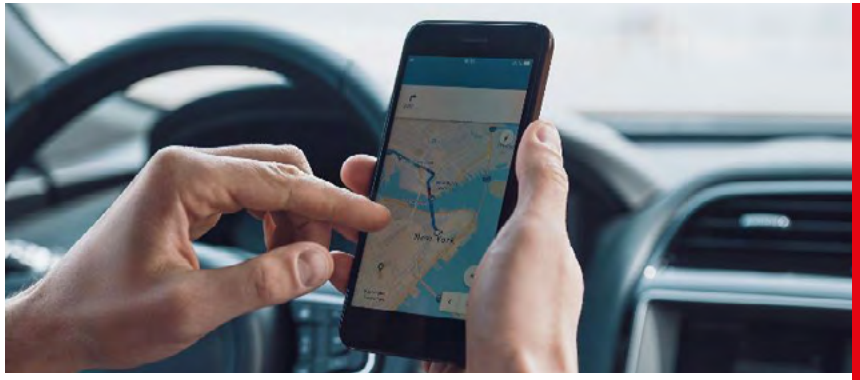
CMMI (Capability Maturity Model Integration)
Level 5

IMPACTFUL **TECHNOLOGY**

Millions of people have seen improvements in their lives and their planet thanks to the technological developments implemented by **GMV**. Fire prevention, data protection, optimized waiting times on public transportation, the ability to browse the internet securely, and precision in reaching a destination are just some of the achievements made possible thanks to the technological innovations developed by **GMV**.

SATELLITE NAVIGATION

Galileo, the European satellite navigation system in which GMV plays a key role, serves some 4 billion users worldwide. This system is applied in sectors such as transportation, agriculture, finance, and emergency management. Devices such as telephones, vehicles, trains, planes, and ships depend on Galileo to provide precise positioning and location information.



SPACE INFRASTRUCTURE

Space infrastructure is as essential as our road networks, health systems, and railways. GMV is a global leader in many areas of the space sector, helping drive the development of a more sustainable society, improving people's lives and companies' productivity, fostering innovation, promoting cooperation, and providing cutting-edge solutions for the future.

EARTH OBSERVATION

GMV develops applications that contribute to identification and prevention in the areas of climate change, the atmosphere, marine environments, land use, emergency response, and security. Our solutions seek to conserve the planet and prevent and mitigate the effects of global risks caused by both natural processes and human activity, contributing to sustainability, environmental resilience, and the protection of ecosystems worldwide.

SUSTAINABILITY IN SPACE

Although it may be a long way off for the general public, GMV-developed technology is also ensuring space security and sustainability, which is important to maintain and preserve. In addition to work detecting and monitoring space junk, GMV is developing multiple technologies to achieve a responsible use of space.

TELECOMMUNICATIONS

GMV is a world leader in the development of control centers for telecommunications satellite operators. These satellites provide connectivity to billions of users and bring communication networks to remote regions of the planet, providing global access to users around the world, improving coverage, and enabling communication in hard-to-reach areas.

DEFENSE

In the current geopolitical context, having a technologically advanced military is crucial. GMV is playing a key role in the modernization of Europe's defense systems, bolstering their operational capacity and developing solutions that cover crisis monitoring and management, defense and security, critical infrastructure protection, and strategic information security.

AERONAUTICS

Thanks to innovation and technological progress, we have more fuel-efficient aircraft with lower emissions. GMV's technological solutions make a significant contribution to improving air traffic safety and reducing environmental impact. We develop key technologies in areas such as navigation, command and control, intelligence, and critical avionics systems, cementing our commitment to sustainability and operational excellence.

PUBLIC TRANSPORTATION

Intelligent transportation systems improve the mobility of people and goods, enabling an efficient use of resources. From route information panels to ticket systems, GMV has modernized, digitalized, and improved the security and sustainability of key transportation infrastructure. Our solutions are used in public transportation systems in many countries, promoting efficient public transportation alternatives adapted to people's needs.

AUTONOMOUS CARS

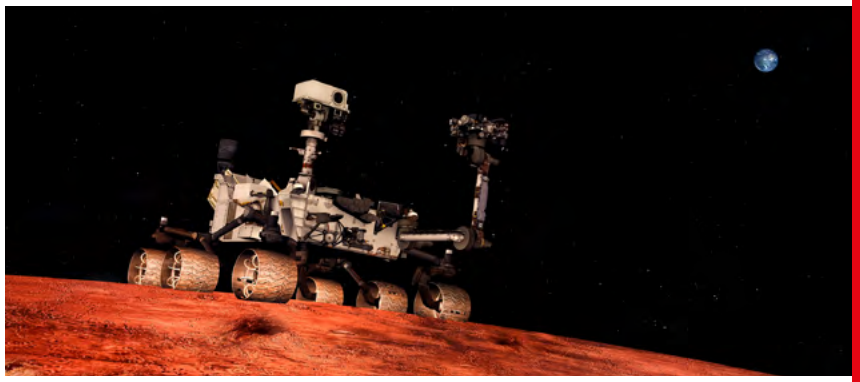
Just a few years ago they seemed highly futuristic, and now they're a tangible reality thanks in part to GMV's crucial contributions. We supply advanced systems applied to the automotive sector, such as our highly accurate, reliable, and safe positioning system, which has already been implemented in the new generation of autonomous cars. Mobility 4.0 increases sustainability, safety, comfort, and efficiency, driving the digital transformation of the sector and improving the experience.

CYBERSECURITY

GMV is working to protect critical infrastructure, such as the cybersecurity of satellite navigation systems. A cyberattack on these systems could paralyze many essential services, such as geolocation in smartphones, cars, and other devices, affecting mobility, security, and efficiency in several key sectors of society.

SPACE ROBOTICS

Innovation and scientific research are key to the progress of humanity. Recent missions to the Moon have found evidence of water and other resources that could support human exploration. To analyze their potential, GMV is leading the development of space robotics projects aimed at creating robots that can obtain scientific data and move autonomously over long distances.



HEALTHCARE

Science and technology also play a crucial role in the improvement of medical treatments, as well as in disease detection and prevention. GMV has been able to transfer its knowledge of the space sector to other areas such as healthcare, developing products that use artificial intelligence, among other tools, to achieve a healthier society through better patient care.

COMMITMENT TO THE TALENT THAT'S TRANSFORMING THE FUTURE

At GMV, we strongly believe that talent is the driver of innovation. The growth experienced by the company since 1984 would certainly not have been possible without the commitment, dedication, and passion of our professionals.

GMV is committed to nurturing talent from the from the bottom up, working actively with universities all over the world and promoting careers in science and technology from a young age, as we know that inspiring future generations in STEM fields is key to driving society forward. The special connection between GMV and the Polytechnic University of Madrid, where the company was born, attests to the company's firm commitment to excellence.

Diversity and inclusion have always been key factors in our greatest achievements. GMV fosters equal opportunities, diversity, and inclusion, based on the belief that the personal and professional development of our teams is independent of the personal, physical, or social status or condition of each of their members.

Excellence is not only our goal, it's in our DNA. At GMV, we innovate with a purpose: to exceed expectations.

SUSTAINABILITY

We develop technologically advanced systems to achieve greater effectiveness and efficiency in each project, avoid the overexploitation of available resources, and have a positive impact on society and the environment.

GMV implements the principle of sustainable development in all its strategies and operations. In this regard, our goals are focused on business ethics, talent development, diversity, the promotion of scientific and technological careers, and environmental protection.

As a declaration of its firm commitment to sustainable development based on innovation for progress, GMV has signed up to the United Nations' (UN) international Global Compact initiative. In addition, the company's strategies and operations are aligned with the universal human rights, labor, environmental, and anti-corruption principles promoted by this UN initiative.

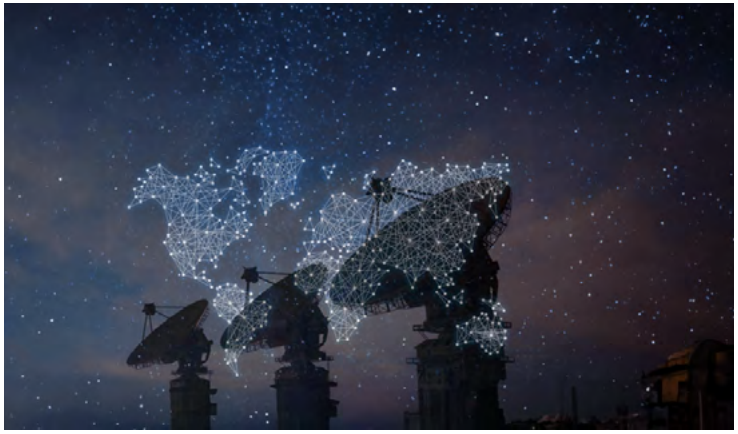
GMV's commitment to the Global Compact underlines its dedication to corporate sustainability and strengthens its work in various categories of the Sustainable Development Goals (SDGs), especially those where its technological expertise has a significant impact thanks to innovation.

MILESTONES **ACHIEVED**

GMV is the brainchild of Juan José Martínez, who founded the company in 1984. Since then, it has become a leading company driven by the commitment of everyone involved in it. Once a start-up, diversification and knowledge transfer have cemented **GMV's** role as a key player in many sectors. These are some of our main milestones:

Key role in the development of the **European satellite navigation systems EGNOS and Galileo.**

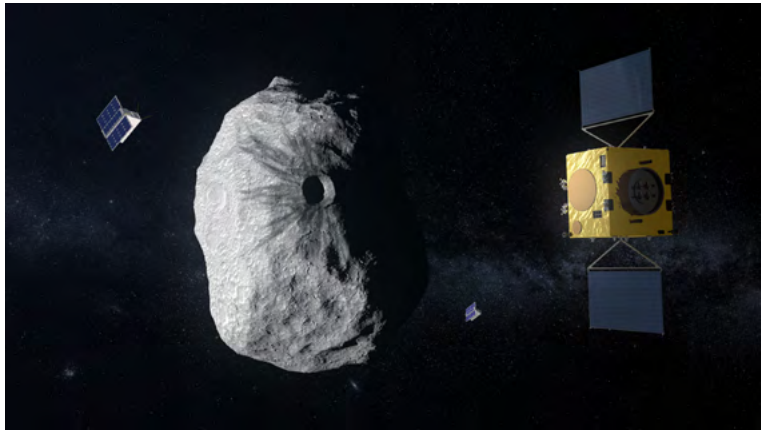
GMV is leading a consortium of companies developing one of the five components of the European Union's space program, GovSatCom. This system will provide secure and cost-efficient satellite communication services to authorized government users in EU member states.



LEO-PNT is the first project in which GMV takes on leadership of a complete space mission, including the development and manufacture of the satellites. The goal of this demonstration mission is to develop technology for the provision of more accurate positioning, navigation, and timing services through the launch of a low-orbit satellite constellation.

With the award of the biggest contract ever signed by a Spanish space firm outside the European Union, **GMV develops the processing and control centers of the SouthPAN system,** the heart of a precise navigation and positioning system for Australia and New Zealand.

Crucial participation in **ESA's HERA mission** to develop new **planetary defense** technology and obtain asteroid data. **GMV develops the mission's guidance, navigation, and control system.**



GMV develops the ground-based flight control computer for the **Eurodrone program**, one of **Europe's most important defense cooperation programs.**

A top company in cutting-edge **cybersecurity, artificial intelligence, and digital transformation solutions and services.**

Leadership in the development of Intelligent Transportation Systems, with technological solutions exported to countries such as the United States, Australia, Poland, Malaysia, Morocco, Taiwan, and the Philippines.

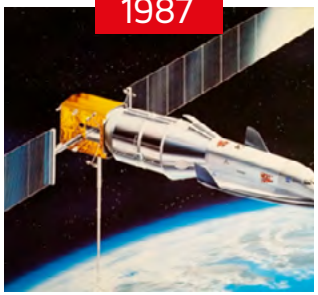
Development of the advanced positioning system *GMV GSharp®*, incorporated into **BMW Group's first vehicles with level 3 automated driving functions.**

Discover our history

1984

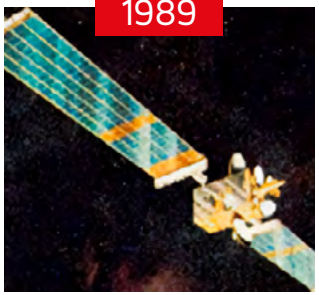
First contract with the ESA's Operations Center (ESOC).

1987



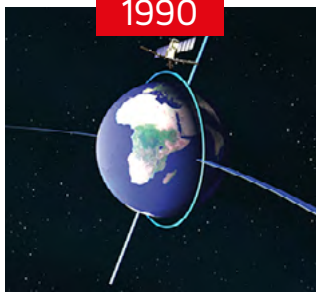
Entry into ESA's manned flight programs: the Hermes shuttle and the Columbus orbital station.

1989



Mission analysis support during the launch of ESA's Olympus satellite.

1990



Development of precise orbit determination software for GPS satellites for ESA.

1984-1997: Start-up

1997

MINISTERIO DE DEFENSA

Development of a network node for the Spanish Ministry of Defense.

1995

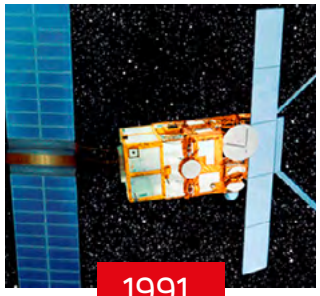
EGNOS
European Geostationary Navigation Overlay Service

GMV begins work on the initial studies for the European EGNOS navigation system.

1992

Development of ground systems for the Helios II military satellite.

1991



First contract with Hispasat for the development and manufacturing of the Spanish operator's first satellite.

1998

GMV becomes one of the prime contractors for EGNOS, having won the contract to develop the processing center and other key system components.

1999

C3I command and control system for the Spanish Army's Field Artillery Command.

2001

Perimeter security for the Spanish Ministry of the Economy and the Bank of Spain.

2002

Launch of the ENVISAT observation satellite following GMV's participation in work on the ground segment and return segment.

1998-2008: Growth

Development of NASA's Landsat mission system and development of the GOES-R orbital dynamics system for NOAA.

2008

Control and management system for Spanish railway company RENFE's entire fleet of commuter and medium-distance trains.

2007

NASA commissions GMV to develop the planning system for the LRO lunar probe.

2006

Development of control software for the in-flight refueling system of Airbus A330 MRTT tankers.

2004

2009–2017: Strengthening our foundations

2009

Development of the Atlante UAV's.

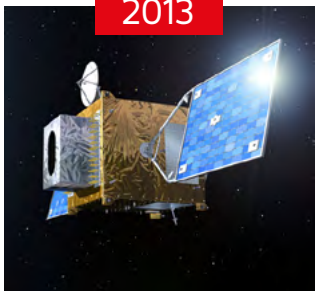
2010

Contract won for public transportation passenger information and management systems in Poland.

2012

GMV is chosen by ESA to conduct cybersecurity risk analysis for space missions.

2013



Design of the mission operations facility (MOF) of the MTG (Meteosat Third Generation) Program.

2014

Precise orbit determination service for Copernicus declared operational.

2015

Development of the electronic control unit (ECU) for the Airbus A400M aircraft's crane system.

2016

GMV wins the contract for all ITS equipment and public transport software in Cyprus.

2017

GMV participates in the Strategic Research Cluster in space robotics technology, coordinated by the PERASPERA project.

2018–2024: A leading company

2018

GMV leads the maintenance and evolution of the Galileo system's ground control segment (GCS).

2022

Development of processing and control centers for the SouthPAN system.

2023

Contract to develop the test bench for the second generation of the Galileo system (G2STB).

2023

Alén Space, a Spanish start-up specializing in New Space, joins the GMV group of companies.

2024

GMV leads the GOVSATCOM Hub, a key contract for the future of EU communications.

2024

GMV acquires Autek, a specialist in cross-domain solutions, thus boosting its position in the defense area.

2024

Leaders of ESA's LEO-PNT in-orbit demonstration mission.

2023

Major contract in Westchester County, New York, to upgrade the technology of its bus fleet.

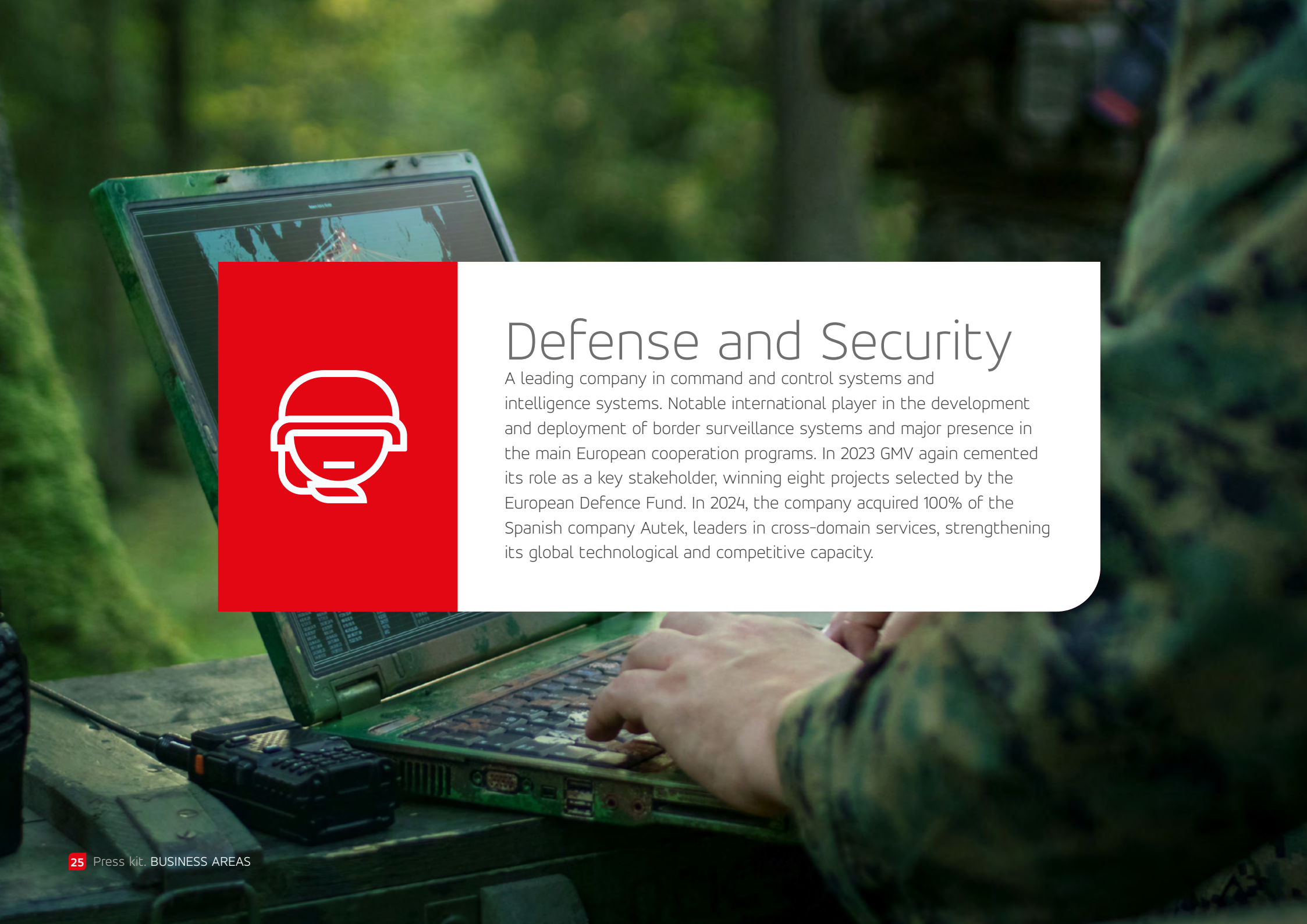
Business areas

AERONAUTICS

GMV offers products and services to major aeronautical manufacturers, air navigation service providers, and aviation organizations. The company is among the key participants in the FCAS and Eurodrone programs and is a pioneer in the development of satellite navigation-based aeronautical approach and landing systems, as well as in the use of artificial intelligence to increase the autonomy of unmanned aircraft.

SPACE

Europe's sixth largest industrial group in the space sector, a world leader in space mission planning and control systems, satellite navigation and precise positioning, Earth observation data processing and use, as well as onboard guidance, navigation, and control (GNC) systems and critical software. Leaders in the future Galileo ground segment, key role in the study, monitoring, and prevention of space debris proliferation, prominent presence in missions such as Hera, Mars Sample Return, Heracles, ExoMars, and Proba-3 as well as in the EGNOS, SouthPAN, and GOVSATCOM programs.



Defense and Security

A leading company in command and control systems and intelligence systems. Notable international player in the development and deployment of border surveillance systems and major presence in the main European cooperation programs. In 2023 GMV again cemented its role as a key stakeholder, winning eight projects selected by the European Defence Fund. In 2024, the company acquired 100% of the Spanish company Autek, leaders in cross-domain services, strengthening its global technological and competitive capacity.

Cybersecurity

More than 30 years protecting infrastructure and technological systems for large organizations, public institutions, and critical infrastructure worldwide. Implementation of the ***Checker ATM Security®*** security system at more than 300,000 ATMs in some 30 countries. GMV has a Security Operations Center that specializes in implementing preventive and reactive measures to tackle information system incidents, operating non-stop worldwide. In the space field, the company has been in charge of the operation and maintenance of cybersecurity for the Ground Segment of the ESA/EUSPA Galileo system since 2018.

Healthcare

Partnerships with leading hospitals and organizations. Tech Leaders in the HARMONY alliance, which provides personalized treatments thanks to big data. GMV's technology is also used in projects such as Cuidat-e, aimed at improving the care of chronically ill patients through clinical decision support tools. GMV is also leading the TARTAGLIA consortium, which will contribute to the development of personalized and precision medicine, improving patient treatment through advanced artificial intelligence strategies and predictive healthcare data analysis techniques.

Intelligent transportation systems

With over four decades of experience developing technological solutions for public transportation, GMV is a global leader in the design, development, implementation, and deployment of Intelligent Transportation Systems (ITS). The company provides integrated, turnkey operational solutions and is deeply involved in the end-to-end development of each project using proprietary manufacturing technologies. GMV's intelligent transportation systems are present in bus, train, metro, and tram networks, enhancing operational efficiency and user experience in regions and cities across 35 countries on five continents.

Automotive industry

Leaders in the automotive sector, with over 20 years of experience. GMV's solutions include the latest technology in autonomous driving, such as GNSS-based positioning and ADAS (computer vision, navigation, motion planning), plus solutions based on SDVs (cloud-native and embedded-native architectures, microservices). Development of safety-critical systems, AI (data processing, decision making, situational awareness, machine learning), cybersecurity, connected vehicles, and C-ITS (V2X) services.

ICT

GMV is leading the CUCO project, the first major national and corporate project to research quantum computing applied to energy, finance, space, defense, and logistics. Leaders of the AgrarIA project, a consortium of 24 public-private organizations to research the applicability and feasibility of artificial intelligence in defining agricultural production methods.

GMV has been a trusted technology partner of the world's main banking institutions for three decades, protecting them against bank fraud.

GMV around the world

CENTRAL AND
LOCAL OFFICES

- Spain
  - Madrid – headquarters
  - Valladolid
  - Sevilla
  - Barcelona
  - Valencia
  - Zaragoza
- Germany
- Belgium
- Colombia
- United States
- France
- Malaysia
- The Netherlands
- Poland
- Portugal
- United Kingdom
- Romania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