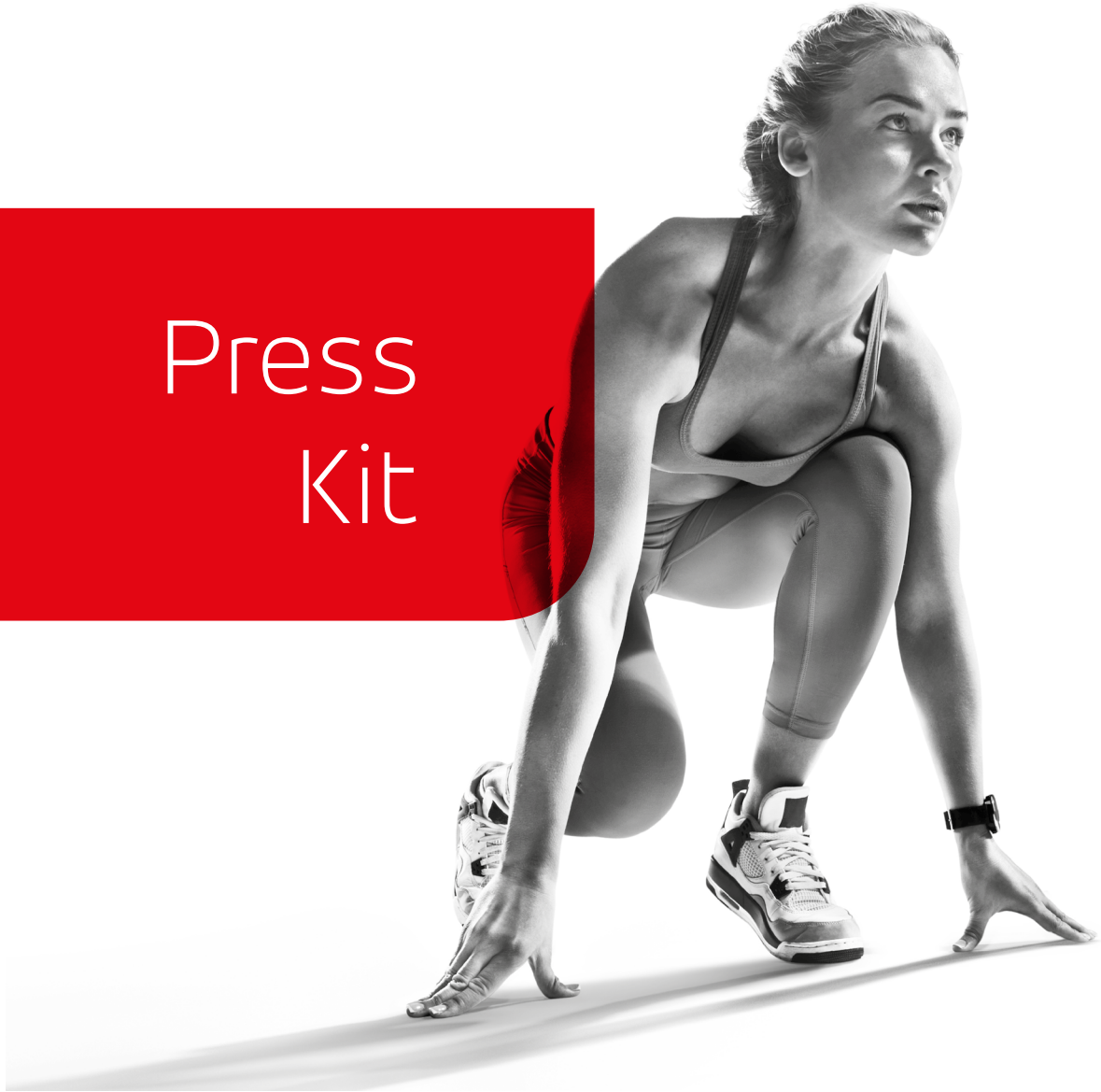
gmv
INNOVATING SOLUTIONS

Press Kit



Index

Company Profile

GMV is a multinational technology company, founded in 1984 by Professor Juan José Martínez García in the heart of the university, offering clients tailored solutions and innovative services.

The company's activities encompass the sectors of: aeronautics, space, defense and security, cybersecurity, healthcare, intelligent transportation systems (ITS), automotive, telecommunications and information technologies for public administrations and large companies.

Its strategy, based on constant innovation and a demand-adapted response, has enabled it to grow internationally. GMV has clients on every continent and 75% of its turnover comes from international projects.

GMV is currently the world's leading independent supplier of ground control systems for commercial telecommunications satellite operators and the European leader in the ground segment of navigation systems (EGNOS and Galileo). It is also the top supplier of C4I command and control systems for the Spanish Army, as well as the number one supplier in Spain in telematic systems for public transportation.

It is reference in the ICT sector thanks to its advanced cybersecurity solutions and services on IP networks, mobility applications and ICT applications for the public administrations and development of the e-Administration.

GMV provides engineering, development and integration of systems, specialized products and services through technologically advanced solutions designed to improve client operations, enabling them to be more effective and more efficient in leveraging resources.

At the close of 2021, GMV **had nearly 260 million euros in turnover**, dedicating 10% of their revenue to R&D+i projects.

It has also reached level 5 of CMMI (*Capability Maturity Model Integration*), the most prestigious model in the world with regard to improving the capability of processes in an organization and has quality certifications related to the areas of activity and specialization, as well as a number of international patents.

Its workforce **is comprised of over 2,500 employees** and currently has operational subsidiaries in Spain, the US, Germany, France, Poland, Portugal, Romania, the United Kingdom, the Netherlands, Malaysia and Colombia, as well as permanent establishments and project offices in Brussels, Cyprus, Morocco, Mexico and others.

With almost 40 years of history behind it, GMV continues to look towards the future with the same enthusiasm and optimism as in its early years, maintaining its initial vocation of being a company dedicated to knowledge, with the talent, response capability and effort of its workforce as the key resources.

Aeronautics

In the aeronautics sector, GMV works to offer products and services to major aeronautics manufacturers, air navigation service providers and aviation organizations. GMV's activity is characterized by the high degree of integration of all phases of the projects in which it takes part.

In this area, GMV's participation is relevant in the NGWS/FCAS (*Next Generation Weapon System/ Future Combat Air System*) program. GMV is a co-leader of the Remote Carriers Technology Pillar. It also participates in the NGF (*New Generation Fighter*) pillars, the Combat Cloud pillar and the sensors pillar.

The company is a pioneer in the development of satellite navigation-based aeronautical approach and landing (ATOL) systems. It is also one of the few European companies able to develop onboard safety-critical systems (DO-178/DO-254 up to level A) and integrated modular avionics.

GMV is the leader in developing solutions for processing and distributing remotely piloted aircraft system (RPAS) data and in developing avionics systems (A400M, ATLANTE, etc.). In this area, GMV also demonstrates the quality of its services in onboard software and hardware, advanced mission systems and simulation.

In recent years, the company has made significant investments in R&D+i in the aeronautics sector, which as translated into a varied and complete number of developments and applications in the area of air traffic management, especially in the application of satellite navigation (GNSS) to performance-based navigation (PBN) and precision approach operation.

The company offers high-quality solutions and high-value added services in the areas of flight physics, mission systems engineering, software for avionics and integrated modular avionics (IMA), safety-critical, simulators, test benches, and automatic take-off and landing systems. GMV is collaborating with Airbus DS on the development and certification of critical software for the A330-MRTT and A330-FSTA programs.

In recent years, participation has included a number of projects focused on the use of artificial intelligence in aeronautical applications to offer greater autonomy to unmanned aircraft. Highlights include the SAFETERM and GNC-AIR projects with the EDA as well as the FCAS Remote Carriers Pillar. GMV has been awarded the contract for the EURODRONE Program Ground Flight Control Computer (GFCC).

GMV has developed a number of tools, such as ***Emil***, an automatic ground inspection system in ILS (Instrument Landing System) and VOR (VHF Omnidirectional Range) systems or radio aids that enable aircraft to land and fly en-route, respectively, used at a number of airports, such as Madrid-Barajas Adolfo Suarez and Josep Tarradellas Barcelona-El Prat.

GMV supplies products for air navigation service providers, including the ***SRX-10i*** interference detector, currently deployed at 11 Spanish airports, enabling any airport to ensure the reliability and safety of approaches by any GNSS-based aircraft. For the same purpose, GMV provides the ***MagicIFP*** web service for ground and in-flight validation of the PBN procedures published in these airports. In the airport field, GMV also offers the ***Emil*** system for ground inspection of ILS and VOR radio aids. Finally, and as its most recent product, GMV has developed ***GNASSURE***, for predicting the GNSS-based navigation and surveillance performance achievable in a country's airspace.

GMV also works on developing the U-Space family of products, ***Dronelocus®***, to respond to the growing volume of civilian unmanned aircraft that will use the airspace in the immediate future.

The company is actively participating in the Single European Sky ATM Research (SESAR) project. GMV has also developed the simulation platform for air traffic management (ATM), enabling evaluation of some of the main elements (network operations in the planning phase, among others) of SESAR. GMV is also a core partner of the CleanSky2 program.

Space

GMV was born with a focus on the space and defense sector. Its activity began with a small team of engineers that was awarded a contract in an open international call for tenders for the ESA's European Space Operations Center (ESOC).

Since then, the company has positioned itself as a global leader in space mission planning and control systems, satellite navigation and precise positioning, Earth observation data processing and exploitation, as well as onboard guidance, navigation and control systems (GNC) and critical software.

Today, from the viewpoint of employment, GMV is the sixth largest European industrial group in Space, trailing only large groups such as Airbus, Thales, Ariane, Leonardo and OHB.

Clients include global space agencies such as ESA and NASA, leading satellite manufacturers and telecommunications satellite operators, as well as the European Commission and the European GNSS Agency (GSA).

The company is the world's leading independent supplier of control centers for commercial telecommunications satellite operators with major developments for Eutelsat, OneWeb, Hispasat and Arabsat.

It is also Europe's leader in the ground segment for navigation systems (EGNOS and Galileo). In this area, in 2018 GMV was awarded an extraordinary contract with the European Space Agency (ESA) for maintenance and evolution of the Galileo ground control segment (GCS). This contract is being carried out with great satisfaction on the part of the client and has successfully met important milestones such as the deployment of version V3.0, allowing full control of the Galileo constellation using a complete system under GMV's control.

Also in this area, the company is leading in the future Galileo ground segment, as well as in a number of its centers (Service Center, Reference Center, Search & Rescue, TGVF and Commercial Service). GMV is also a reference in Public Regulated Service (PRS) developments, the SBAS operational demonstrator, installed in Australia and New Zealand, and the high-precision and integrity products , such as the one developed for the new generation of BMW autonomous vehicles.

GMV is also one of the primary pillars of the global environment and security management program Copernicus, where the company plays an important role in different projects for both the space segment and the ground segment. The company is also a reference supplier in the area of data processing, simulation and applications for better management of all kinds (maritime, agricultural, forestry, etc.).

Over the years, GMV has become a global reference in the study, monitoring, prevention of proliferation and elimination of space debris and now has some 40 engineers working in 7 different countries (Spain, France, Germany, UK, Poland, Romania and Portugal), being a European leader in the SSA (Space Situational Awareness)/SST (Space Surveillance and Tracking) area. He has also made a strong entry in the activities derived for Space Traffic Management (STM) leading one of the most relevant European consultancy studies in this area.

Meanwhile, in recent years, GMV has reinforced its position as a leading company in developing technologies in key areas of GNC (Guidance, Navigation and Control), robotics, software engineering and microelectronics.

In these areas, it participates in missions such as Hera and its CubeSat, Juventas, as well as Mars Sample Return, Heracles, ExoMars and moon missions.

GMV is also a trusted provider in the flight segment area, where it provides complete avionics systems, including GNC/AOCS subsystems, flight software and integration with flight equipment.

GMV also has a significant presence within the framework of the European Commission's Strategic Research Cluster (SRC) for Robotics.

Defense and Security

GMV has been developing innovative solutions for defense and security for over 35 years. The areas of activity in this sector in which GMV provides services are: command and control system, intelligence, surveillance and reconnaissance (ISR) systems, navigation, infantry systems, cyberdefense and simulation and training.

The company's developments are backed by an exceptional human team and quality standards at the highest level, as they are certified according to ISO 9001:2000, EN 9100, PECAL/AQAP 2110, PECAL/AQAP 2210, ECAL/AQAP 2310 and are accredited as CMMI Level 5.

The quality of the services developed by GMV in this relevant sector has led the company to be selected as a trusted supplier for the Spanish and Portuguese Ministries of Defense, as well as for international defense and security entities such as NATO (North Atlantic Treaty Organization), EDA (European Defense Agency), Frontex (European Border and Coast Guard Agency) and EEAS (European External Action Service).

GMV develops tactical and operational and strategic C2 systems. At the tactical level, ***Talos GMV***, a distributed command and control system, is used to provide integrated fire support coordination and execution in ground maneuvers for use by the Spanish Army and the Spanish Navy. A significant example at the operational and strategic level is the EUCCIS system – EU Command and Control System – developed for EEAS (European External Action Service).

At the end of 2019, the European Defense Agency (EDA) awarded GMV a framework contract for designing and deploying communication and information systems (CIS) to enable the storage, processing and exchange of classified information (EUCI) up to EU SECRET level over the next few years.

Leveraging knowledge and the company's relevant role in the area of satellite navigation (GNSS) and its key position in the leading European navigation incentives and programs, GMV has developed proprietary technology directly applicable to the area of defense. These technologies include the development of a secure Galileo PRS (Public Regulated Service). The company is also responsible for navigation systems and subsystems and timing reference service for the new F-110 Frigate and the VCR 8x8 vehicle.

Along this line, GMV is also the leading provider of SIGINT data processing and fusion centers for the Spanish Ministry of Defense, as well as being responsible for the implementation of STANAG 4559 for the NATO's NCIA within the framework of the "CSD Enduring Solution" contract.

In the area of security, GMV is the lead contractor for the design, development, evolution and maintenance of the EUROSUR network, within the framework of the European Commission's European Border Surveillance System, entrusted to Frontex, and it has developed innovative technology in the area of system integration for border surveillance on land and at sea. The company has also supplied the Spanish Civil Guard with control centers for the "exterior surveillance system (SIVE)" program and the satellite imagery exploitation systems.

With regard to maritime surveillance, GMV's solutions include the maritime surveillance control centers (***Socrates®*** suite), AIS and VTS systems (***Shiplocus®*** suite), ship detection systems using satellite imagery exploitation and DGPS coastal networks.

GMV provides a variety of systems for Spanish ports, EMSA, SASEMAR, and the Spanish Navy's Maritime Action Operations and Surveillance Center. It also has a significant presence in the leading European cooperation programs: EUCISE 2020 (H2020), MARISA (H2020), ANDROMEDA (H2020), COSMOS (H2020) and PROMENADE (H2020).

In recent years, GMV's participation has included a number of projects focused on the use of artificial intelligence in defense and security applications. Projects include ABIDE and CLAUDIA with EDA, as well as projects with the Ministry of Defense and in the area of the FCAS program.

GMV has a significant presence in the EDIDP program, an industrial development program from the defense sector, being the second biggest Spanish company in the program in terms of number of contracts, the fifth biggest in Europe and the first in its category (MIDCAP). The company has thus been awarded four of the projects selected by the European Defense Fund in 2019 (ESC2, iMUGS, GEODE and PANDORA) and seven in 2020 (e-COLORSS -as coordinator-, FIRES, AI4DEF, SAURON, INTEGRAL, ODINS-EYE, SEANICE).

It is also the second Spanish company in participation in the "Preparatory Action on Defense Research (PADR)" program for EDA. GMV has a significant presence in the OCEAN2020 projects, for the integration of JISR capabilities/network systems in a naval scenario in close collaboration with the Spanish Navy, GOSSRA, for soldier architecture, and EXCEED, for the European secure SoC.

Cybersecurity

GMV works to improve the services, products and processes of its clients through the development of technologies that increase continuous demand, resource efficiency, process optimization and product customization.

In the area of cybersecurity, GMV has spent nearly three decades protecting the infrastructures and technology systems in large organizations, public administrations and critical infrastructures worldwide.

These services cover all activities defined in frameworks such as the NIST CSF and include the analysis and diagnosis of the state of cybersecurity, drafting regulatory or legislative adaptation plans, managing and operating technology solutions installed in the clients and detection, visibility and intelligence for decision-making and good governance.

We are very highly specialized in services such as cyberintelligence, commissioning and operation of cyberprotection infrastructures and incident response through our Center for Emergency Incident Response (CERT), highlighted as one of the leading centers in Spain. This center, which holds the most demanding certifications (ENISA, FIRST, CERT, CSIRT.es), offers service customization to each client, as well as in the measurement and traceability of all activities.

GMV was selected by the European Space Agency (ESA) to undertake the largest Spanish space industry contract for the operation and maintenance of the Galileo satellite constellation. In this project, the cybersecurity services represent 30% of the project and require a specific unit with over 350 professionals Europe-wide.

GMV's solutions and services in this area are also applied in technology for autonomous cars. The BMW Group has entrusted the company with the development of precise positioning for its autonomous vehicles through the incorporation of cybersecurity and privacy in the design.

GMV also develops cybersecurity technology solutions specific to sectors such as financial, industrial and health.

The company has reached a position of global leadership with some of them, such as ***Checker ATM Security®***, a solution for protecting ATMs against cyberattacks installed in over 300,000 client machines in countries especially sensitive to cyberattacks and cyberfraud such as India, Colombia, Russia, Thailand, Ukraine, the United States, the United Kingdom and others.

Healthcare

GMV shares the objective established by the UN in sustainable development goal (SDG) 3: ensure healthy lives and promote well-being for all at all ages.

To do that, it provides physicians and healthcare workers with digital health solutions and services developed in collaboration with hospitals, health research institutes, universities and reference entities, national and international, such as the La Paz University Hospital Research Institute (IdiPAZ), the Getafe Hospital Healthcare Research Institute (issgetafe), Valencia La Fe Health Research Institute (IIS La Fe), Innovative Medicine Initiative (IMI), EIT Health, UCSF (University of California at San Francisco), the Weill Cornell Medical College and others.

The GMV digital health portfolio includes solutions for remote clinical assistance for patients and professionals (***Antari® Professional Care***), epidemiological and clinical data exploitation and evidence collection (***Antari® Evidence***), as well as developments for surgical planning and navigation (***Radiance™***) and services for guaranteeing the security and privacy of the health data information.

GMV is the technology leader in the HARMONY alliance, established to provide customized treatment for patients with blood cancers thanks to big data technology. Also in Naviphy, a research project that aims to develop surgery simulation algorithms, as well as the application of intraoperative imagery and navigation systems for greater precision in the case of surgeries and intraoperative radiation therapy and breast, brain, spinal column and maxillofacial brachytherapy.

GMV also takes part in the MOPEAD project for the early detection of Alzheimer's and in the FACET project for follow-up on the health of the elderly and fragile and vulnerable individuals, applying remote assistance. The company contributes its knowledge in RAINBOW, a project for the development of a new generation of clinical simulators. GMV contributes its technology in another 20 projects.

GMV is leading the TartaglIA consortium responsible for setting up a federated network with artificial intelligence to speed up clinical and healthcare research in Spain. The project will take place under the R&D Missions in Artificial Intelligence program, which is part of the Digital Spain 2025 agenda and the National Artificial Intelligence Strategy, and financed by the European Union through Next Generation EU funds.

Intelligent Transportation Systems (ITS) and Automotive

GMV is a global leader in the design, development, implementation and deployment of intelligent transportation systems (ITS). GMV offers integrated and operational turnkey solutions, getting involved in the complete development of the project, with its own development and manufacturing technologies, including electronic design, application suites for control centers, embedded firmware for onboard equipment, etc.

GMV's ITS solutions offer transport authorities and operators improved services, reduced operational costs and greater user satisfaction, with products that comply with the most demanding certifications for vehicle installation and are based on open standards.

In the area of bus transit, GMV has major projects including systems installed in Madrid, Barcelona and Seville (Spain), Gdansk and Szczecin (Poland), Los Angeles (USA), Gdansk and Szczecin (Poland) and Los Angeles (USA), Marrakech and Rabat (Morocco), Montevideo (Uruguay), Guadalajara (Mexico), Malta and Cyprus. Public transit requires efficient real-time management and effective planning and analysis tools. To achieve that, GMV's CAD/AVL (computer-aided dispatch / automatic vehicle location) is a tool that offers business intelligence solutions and new developments such as "Eco Driving" or onboard security. These are complemented with planning and optimization tools such as ***GMV Planner***. In addition, GMV's ticketing solutions offer complete electronic fare collection systems with the latest advances in EMV and ABT payments.

In the area of rail transportation, GMV's intelligent transport systems are now installed in train, metro and streetcar networks in Barcelona, Zaragoza, Euskadi and Valencia (Spain), Morocco, Taiwan, Philippines, Egypt, Denmark, Santiago de Chile, Sydney, Tel Aviv, Jerusalem and Warsaw (Poland), among others. In this area, the company also provides its services to rail transportation through the GMV rail computer-aided dispatch system (***SAE-R®***), which enables operators to manage exploitation and decision-making in real time in train, subway and tram services.

GMV's offer for rail transportation is complemented with other systems, such as electronic fare collection systems, video-surveillance systems (***DV-rec***), public address and intercom (***PA & Intercom***) and passenger information systems (***INFO-pass***).

GMV also provides its solutions to special fleets, as it has a long history in developing all types of ITS systems that makes it possible to understand the different needs of other types of operations, such as public service fleets.

One of its solutions is ***MOVILOC®***, for fleet management and control in service mode. ***MOVILOC®*** offers a daily activity report (stoppage time, driving time, distance traveled, consumption), a report on visits to points of interest, a report on route compliance, a report on incidents and more.

Meanwhile, the company provides advanced systems for connected autonomous vehicles and cybersecurity applied to the automotive sector, developed from its own research and development activities.

GMV's products and solutions portfolio in these areas includes: telematics control units, precise and secure positioning systems based on GNSS, smart connectivity and critical software modules, specific solutions to make the vehicle more robust against cyberattacks, as well as solutions for telematic functions and cooperative services.

In 2019, GMV was awarded a relevant contract for the development of a comprehensive precise satellite positioning solution (GNSS) for the new generation of autonomous vehicles from German automobile manufacturer BMW Group. For over a decade, GMV has been working on sophisticated solutions using GNSS technology for payment for infrastructure use, tolls or access control to certain urban areas, specializing in deployments of this type on smartphones as a support platform.

Information and Communication Technology (ICT)

GMV designs, develops and implements the most advanced ICT solutions to improve the processes of leading organizations, acting as a long-term technology partner.

The company is trusted by public administrations and large companies. It is also a provider of artificial intelligence and big data solutions, leading projects in sectors such as financial, pharmaceutical, healthcare and others.

GMV has an expert team of data scientists involved in a variety of projects that work towards the goal of preventing bank fraud through artificial intelligence, detecting cyber threats and anomalies in data centers, monitoring and analysis of Internet ad campaigns. They also collaborate in the management and exploitation of epidemiological and clinical data, evidence-based clinical rehabilitation, industrial process optimization, precision agriculture through Earth observation, preventive maintenance of IT infrastructures or document processing and cognitive solutions with IBM Watson.

GMV's participation in promoting electronic administration dates back to the origins of the company, where it was the technological leader of pioneering projects such as "CiudadesAbiertas.es" where it provided the technology for the "Open, Collaborative and Interoperable Government" platform.

GMV also takes part in the national "Portal Datos.gob.es" project, which organizes and manages the catalog of public information in the Spanish Government.

The company is also developing, in collaboration with the Autonomous University of Barcelona (UAB), the solution for patent management, "IDEAS", which is deployed at a number of universities and research entities in Spain.

In the area of Industry 4.0, GMV is developing technologically advanced solutions in automation, digitization and cybersecurity for the leading industrial sectors. One of these solutions is ***VirtualPAC***, which is responsible for the secure deployment, management and operation of the systems involved in the operation and control network of an industrial plant.

uSpot is another proprietary solution that uses artificial vision to optimize industrial processes, allowing automated inspection, classification and maintenance tasks at a facility so that the operations work correctly and end products are free of imperfections.

Also noteworthy are PitIA, for early anomaly detection, and ***uTile PET*** (Privacy-Enhancing Technologies), used to leverage confidential and private data to improve automatic learning algorithms and analytical models. This tool has the organizational requirements necessary to guarantee data privacy and comply with current regulations.

GMV in the world

SPAIN
HEADQUARTERS
Isaac Newton 11 P.T.M. Tres Cantos - 28760 Madrid
Tel.: +34 91 807 21 00 Fax: +34 91 807 21 99

Santiago Grisolía, 4 P.T.M. Tres Cantos - 28760 Madrid
Tel.: 91 807 21 00 Fax: 91 807 21 99

Juan de Herrera n.º 17 P.T.Boecillo - 47151 Boecillo - Valladolid
Tel.: +34 983 54 65 54 Fax: +34 983 54 65 53

Calle Andrés Laguna, n.º 9-11 - PTB Parque Tecnológico de Boecillo (PTB)
47151 Boecillo - Valladolid
Tel.: 98 354 65 54 Fax: 98 354 65 53

Albert Einstein, s/n 5ª Planta, Módulo 2 Edificio Insur Cartuja - 41092 Sevilla
Tel.: +34 95 408 80 60 Fax.: +34 95 408 12 33

Edificio Nova Gran Via, Avda. de la Granvia 16-20, 2ª planta
Hospitalet de Llobregat, 08902 Barcelona
Tel.: +34 932 721 848 Fax: +34 932 156 187

Calle Mas Dorca n.º 13, Nave 5. Polígono industrial L´Ametlla Park - 08480 Barcelona
Tel.: +34 93 845 79 00 - +34 93 845 79 10 Fax: + 34 93 781 16 61

Edificio Sorolla Center, Nivel 1 Local 7, Av. Cortes Valencianas, 58 - 46015 Valencia
Tel.: +34 963 323 900 Fax: +34 963 323 901

Parque Empresarial Dinamiza. Avda. Ranillas, 1D - Edificio Dinamiza 1D, planta 3ª,
oficinas B y C - 50018 Zaragoza
Tel.: +34 976 50 68 08 Fax: +34 976 74 08 09

GERMANY
Münchener Straße 20 - 82234 Weßling
Tel.: +49 (0) 8153 28 1822 Fax: +49 (0) 8153 28 1885

Friedrichshafener Straße 7 - 82205 Gilching
Tel.: +49 (0) 8105 77670 160 Fax: +49 (0) 8153 28 1885

Europaplatz 2, 5. OG, D-64293 Darmstadt
Tel.: +49 (0) 6151 3972970 Fax: +49 (0) 6151 8609415

BELGIUM
Rue Belliard, 40 - Bureau n.º 117 1040 Bruselas
Tel.: +32 278632 25

COLOMBIA
Calle 81 n.º 11-8. Planta 5, oficina 5-120. 110221 Bogotá
Tel.: +57 (1) 6467399 Fax: +57 (1) 6461101

USA
2400 Research Blvd, Ste 390 Rockville, MD 20850
Tel.: +1 (240) 252-2320 Fax: +1 (240) 252-2321

523 W 6th St Suite 444 Los Angeles, 90014
Tel.: +1 (310) 728-6997 Fax: +1 (310) 734-6831

15503 W. Hardy Road Houston, Texas 77060

FRANCE
17, rue Hermès - 31520 Ramonville St. Agne. Toulouse
Tel.: +33 (0) 534314261 Fax: +33 (0) 562067963

MALAYSIA
Level 18, Equatorial Plaza Jalan Sultan Ismail. 50250 Kuala Lumpur
Tel.: (+603) 9205 8440 Fax: (+603) 9205 7788

THE NETHERLANDS
Joop Geesinkweg 901, 1114AB Amsterdam-Duivendrecht

POLAND
Ul. Hrubieszowska 2, 01-209 Varsovia
Tel.: +48 22 395 51 65 Fax: +48 22 395 51 67

PORTUGAL
Alameda dos Oceanos, 115, 1990-392 Lisboa
Tel.: +351 21 382 93 66 Fax: +351 21 386 64 93

UNITED KINGDOM
GMV NSL
Airspeed 2, Eight Street, Harwell Science and Innovation Campus,
Didcot, Oxfordshire OX11 0RL

GMV NSL
Sir Colin Campbell Building. Innovation Park. Triumph Road
Nottingham NG7 2TU
Tel: +44 (0) 1157486800 Fax: +44 (0) 1159682961

ROMANIA
SkyTower, 246C Calea Floreasca, 32nd Floor, District 1, postal code 014476, Bucarest
Tel.: +40 318 242 800 Fax: +40 318 242 801

www.gmv.com