

NEWSPACE MARKET · COMPANY PROFILE



gmv

Spain · founded 1984 · gmvmadrid.com

58

PRODUCTS

4

SERVICES

25

WITH DATASHEETS

newspacemarket.com/companies/gmv/

as of 3 September 2026



GMV offers solutions, services, and products across various sectors, including Space, Aeronautics, Defense and Security, Intelligent Transportation Systems, Automotive, Cybersecurity, Digital Public Services, Healthcare, Industry, and Financial. In the space sector, GMV provides high-tech solutions. The company is developing the End-to-End Performance Simulator for the ERS-EO Programme and is exploring the use of quantum IMUs for navigation through the PASQUALE project. GMV employees are located in Madrid, Spain; Lisbon, Portugal; Valladolid, Spain; Darmstadt, Germany; Warsaw, Poland; UK; and Colombia. The company focuses on adapting solutions to client needs and supporting their implementation.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

Services

Awareness and Training (Cybersecurity) GMV offers cybersecurity awareness and training programs, including simulated phishing, interactive modules, and reporting tools, to reduce the risk of cyberattacks.	Cybersecurity services GMV offers comprehensive cybersecurity services covering the entire lifecycle, from management and monitoring to incident response and strategic planning.
Engineering services GMV offers engineering services and advanced systems for the aeronautical sector, providing specialized expertise and solutions.	GDPR and Compliance Audits GMV offers GDPR and compliance audit services (ISO 27701, ISO 27001) to help companies avoid fines and ensure adherence to data protection regulations.

Product catalogue



GMV

Archiva

Archiva is a flexible analytical engine designed for remodeling, trend analysis, and data mining of satellite mission telemetry and other data to optimize resource use.

price on request [datasheet](#)

GMV

Archiva

Archiva is a flexible analytical engine designed for reshaping, trend analysis, and data mining of satellite mission telemetry and other data to optimize resource utilization.

Year of archiva operations start for eutelsat w3a leap phase	2004
Approximate number of satellites guided with archiva	150
Commercial comsats launched in the last ten years with archiva support	40 %

price on request



GMV

Autofly

Autofly is GMV's automation engine capable of running satellite and ground procedures written in Python/SPELL both in assisted and fully automatic modes.

price on request [datasheet](#)



GMV

Autofly

Autofly is GMV's automation engine designed to execute satellite and ground procedures written in Python/SPELL, operating in both assisted and fully automatic modes.

Año de inicio de las operaciones de autofly para la fase leap del satélite w3a de eutelsat	2004
Número aproximado de satélites guiados con autofly, incluyendo las flotas de eutelsat, arabsat, hispasat, starone, ses, turksat, measat y oneweb	150
Proveedor líder mundial de centros de control de satélites para operadores de telecomunicaciones	Nº 1
Comsat comercial lanzado en los últimos diez años con el soporte de autofly	40 %

price on request



GMV

Biolock

Biolock software strengthens access control and user traceability at control center workstations without affecting daily operations, ensuring confidentiality, integrity, and availability

price on request [datasheet](#)



GMV

eclayr®

eclayr® is a specialized engineering tool for collecting, processing, and analyzing the performance of Satellite-Based Augmentation Systems (SBAS) like EGNOS, ensuring compliance with

Compliance	RTCA / DO229 (SBAS-MOPS) version A, C and D/E (user-selectable)
Supported constellations	GPS, GLONASS and Galileo
Sbas frequency support	Single and dual (L1/L5 DFMC SBAS ED-259)
Operating system	Windows or Linux
Pseudorange level analyses	Satellite Residual Error in Worst User Location (SREW), User Differential Residual Error (
User level analyses	Protection Levels (xPL), Position Errors (xPE), Availability (xPL vs. xAL), Integrity Risk
Report formats	HTML and PDF

price on request

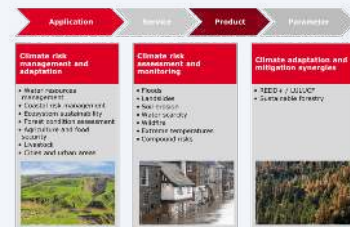


GMV

eclayr®

eclayr® is an engineering tool specialized in evaluating the performance of satellite-based augmentation systems (SBAS) and verifying compliance with established requirements.

price on request



GMV

Eoclina

Eoclina is GMV's catalogue of climate-related geo-information products, derived from satellite Earth Observation data, offering services for climate resilience.

price on request [datasheet](#)



GMV

Eoforest

Eoforest is GMV's catalogue of forestry-related geoinformation products integrated into a single platform to facilitate the sustainable management of forest resources.

price on request



GMV

Eomarine

Eomarine is GMV's catalogue of marine- and maritime-related geoinformation products, derived from satellite Earth Observation data, offering services like marine-litter detection,

price on request



GMV

Familia de productos Fleet

The Fleet product family is GMV's end-to-end solution for managing ground and flight segments, capable of simultaneously managing over 700 satellites in orbit.

Satellites managed simultaneously

700

price on request



GMV

Fleet family of products

GMV's Fleet family of products offers an end-to-end solution for comprehensive management of both ground and flight segments, capable of simultaneously managing over 700 satellites

price on request



GMV

FleetDashboard

FleetDashboard is GMV's situational awareness control panel capable of communicating the status of a complex system, such as a satellite constellation, using relevant semantic KPIs

price on request



GMV

FleetDashboard

FleetDashboard is GMV's operational control panel for situational awareness, designed to monitor and manage complex systems such as satellite constellations.

price on request

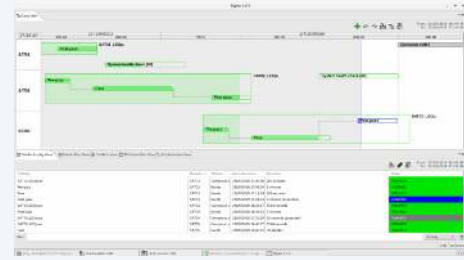


GMV

Flyplan

Flyplan is GMV's operations coordinator for activities that cover the entire ground segment, ensuring operations' consistency and integrity.

price on request



GMV

Flyplan

Flyplan is GMV's operations coordinator software for ground segment activities, ensuring consistency and integrity of operations for large satellite fleets.

price on request



GMV

FocusCloseAp

FocusCloseAp is an operational software for collision avoidance that automatically downloads NORAD two-line element information, generates orbit and maneuver data for selected sate

Main functions	Collision risk assessment, collision avoidance maneuver calculation
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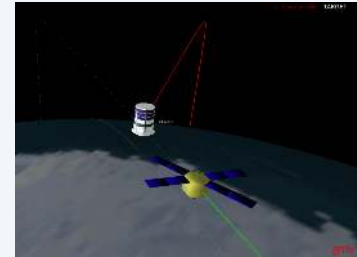
Orbital information source (Target Satellite)	Operational orbit
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Orbital information source (External Objects)	Two-line elements (TLE) downloaded from the Internet, propagated with SGP + proprietary al
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Catalog filtering	Classic apogee-perigee filter, intelligent filter, precise root finder for TCA
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Results and products	CDMs, historical CDM database, B-plane plots, relative distance plots, uncertainty evoluti
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price on request

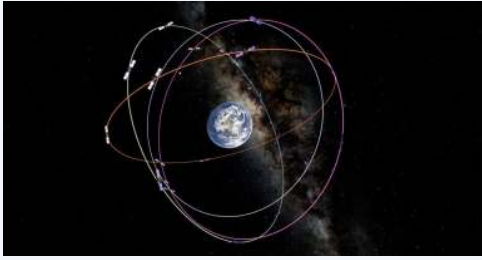


GMV

FocusCloseAp

FocusCloseAp is an operational collision avoidance software that handles various data sources, performs conjunction screenings, and calculates close approach warnings.

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GMV

FocusCn

FocusCn is a flight dynamics software solution for satellite constellation operations, part of GMV's FocusSuite product family.

Flight heritage **100% probado en vuelo**

price on request



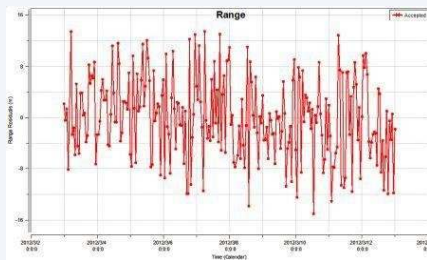
GMV

FocusCn

FocusCn is a completely integrated application that provides full life cycle support of a satellite constellation with an unsurpassed collection of mission-independent and mission-

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GMV

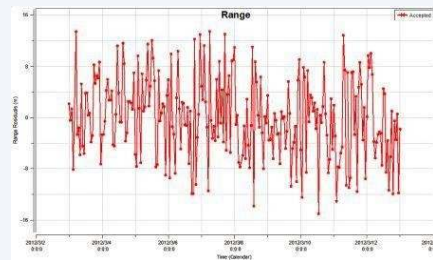
FocusGEO

FocusGEO is a flight dynamics operations solution for geostationary satellites, part of GMV's FocusSuite product family.

Flight heritage **100% flight-proven**

Operational missions **More than 139**

price on request



GMV

FocusGEO

FocusGEO is a member of GMV's FocusSuite family of products that gives satellite operators a flight dynamics operations solution for geostationary satellites.

Flight tested **100%**

Operational missions **Over 139**

price on request

[datasheet](#)



GMV

FocusLEO

FocusLEO is a flight dynamics system tool for satellite operators, part of GMV's FocusSuite product family, designed for satellites in Low Earth Orbit (LEO) and Medium Earth Orbit

Flight heritage **100 % probado en vuelo**

price on request



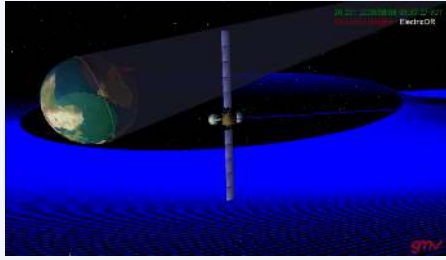
GMV

FocusLEO

FocusLEO is a flight dynamics operation solution for low (LEO) and medium (MEO) Earth orbit satellites, providing full life cycle support through mission-independent and mission-sp

price on request

[datasheet](#)



GMV

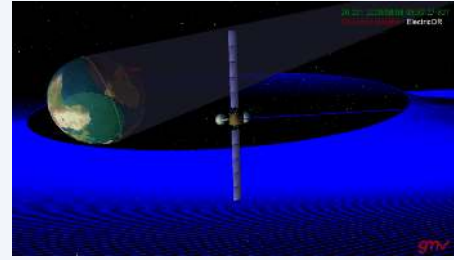
FocusLEOP

FocusLEOP is a flight dynamics system tool for satellite launch and early orbit phase (LEOP) operations, including transfer strategies, designed for geostationary satellites.

Flight heritage

100 % probado en vuelo

price on request



GMV

FocusLEOP

FocusLEOP is a member of GMV's FocusSuite family of products that gives satellite operators a solution for flight dynamics operations during the transfer of geostationary satellite

price on request

[datasheet](#)



GMV

Focusoc

GMV's Focusoc operations center provides safety of flight services based on the augmentation of the services currently provided by the 18SDS as per a dedicated SSA Data Sharing Agr

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GMV

Focusoc

Focusoc is a conjunction analysis and collision risk assessment service that provides support for all types of orbital regimes and missions.

Catálogo

Más de 20.000 elementos
actualizado a diario

Latencias

De unos 5 min

Predicción de conjunciones (GEO)

15 días de antelación

Predicción de conjunciones (LEO)

7 días de antelación

price on request

[datasheet](#)



GMV

FocusSuite®

GMV's advanced Flight Dynamics solution for satellite operations, supporting the full lifecycle of flight dynamics operations for any mission.

Flight Tested	100%
Operational Missions	More than 139
Leading Satellite Operators	Over 50% count on us
Supported Orbital Regimes	GEO, MEO, LEO, HEO, LEOP, interplanetary
Automation	Unlimited, lights-out operations
API	Well-documented user-friendly Rest-API and Python SDK
Data Standards	CCSDS, C2MS

price on request



GMV

FocusSuite®

FocusSuite is GMV's advanced flight dynamics system (FDS) software suite for satellite operations, providing full lifecycle support from mission preparation to end-of-life for all

100 % probado en vuelo	Más de 139 misiones operacionales y seguimos sumando.
Más del 50 %	Más del 50 % de los principales operadores de satélites cuentan con nosotros.
Apto para cualquier misión	GEO, MEO, LEO, HEO, LEOP, etc.
Escalabilidad	Desde un satélite hasta flotas masivas
Automatización	Ilimitada hasta operaciones desatendidas
Compatibilidad con fases de misión	Preparación y análisis de misiones, operaciones de fase de lanzamiento y órbita temprana (
Compatibilidad con regímenes orbitales	GEO, LEO, MEO, HEO o misiones interplanetarias (la Luna, Marte)

price on request



GMV

GMV Brave®

GMV Brave® is an analysis, validation, and engineering solution designed to improve the daily process of monitoring, reporting, and analyzing the performance of SBAS systems.

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GMV

GMV Brave®

GMV Brave® is a software platform for monitoring, reporting, and analyzing the performance of Satellite-Based Augmentation Systems (SBAS). It automates tasks like running SBAS algo

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GMV

GMV Flexplan®

GMV Flexplan® is a highly configurable and reusable mission planning and scheduling system designed for space missions, supporting various satellite platforms and mission types.

Mission types	LEO/MEO/HEO, single satellite to massive fleets
Adaptation	To customer needs
Automation	Unlimited, up to unattended operations
Algorithm generation	Soft algorithms (no recompilation needed for flight rule changes)
Mission scenarios	High fidelity, creation of events and tasks based on user scenarios
User design	User-centric (no programming knowledge required)
Architecture	Modular (easy integration into ground segment architectures)

[price on request](#) [datasheet](#)



GMV

GMV Flexplan®

Flexplan® is a highly configurable system for mission planning and execution, covering the entire mission planning cycle and adaptable to various spacecraft platforms and missions.

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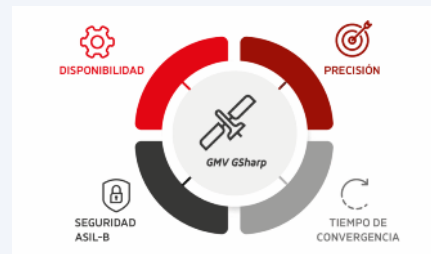


GMV

GMV focusSuite — Satellite Mission Control and Ground System Software

GMV is a Spanish privately-held technology company and one of Europe's leading providers of satellite ground system software, navigation technology, and space systems engineer

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GMV

GMV GSharp®

GMV GSharp® is a patented, high-precision, reliable, and secure positioning solution that offers GNSS correction services and a secure positioning engine for various applications,

Availability	24 hours a day, 7 days a week
Data center level	level-3/nivel+3
Correction data rate	1 Hz
Number of GNSS multi-constellation reference stations	40

[price on request](#)



GMV

GMV PitIA®

GMV PitIA® is a tool for monitoring complex systems, detecting anomalies, predicting critical variables, and optimizing processes based on operational data, adaptable to various fi

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GMV

GMV PitIA®

GMV PitIA® is an Artificial Intelligence tool for monitoring, predicting, and optimizing complex systems, capable of detecting anomalies, predicting critical variables, and optimiz

Application demonstrated in domains with	high operational demand and large volumes of data
Anomaly detection	without the need for labeled historical failure data
Multiple variables	one operational view (converts complex operational data into actionable indicators, alerts
Adaptable to	multiple domains (industrial processes to space systems)
Based on	real operational data (models complex systems from historical and operational data without
Explainability of results	helps identify causes of anomalous behaviors and deviations
Designed to support	decision-making (intuitive interfaces and visualizations)

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GMV

GMV Space Software and Ground Systems

GMV's satellite navigation and ground segment software — GNSS receivers, FocusSuite mission analysis tools, and ground control systems for ESA, ESA's Galileo, and commercial operat

Key products	FocusSuite (FDS, FOD, PosiTim), GNSS receivers/software, satellite control systems
Focussuite	Orbit determination, maneuver planning, mission analysis, flight operations
GNSS	Galileo signal processing, GPS receiver algorithms, precision approach landing
ESA programs	Galileo In-Orbit Validation, multiple science mission ground systems
HQ	Madrid, Spain (global: Portugal, Germany, Poland, Romania, UK, US, India)

price on request



GMV

Hifly®

Hifly® is GMV's comprehensive satellite monitoring and control system, guiding leading satellite platforms with over 1,000 years of combined operational experience.

price on request

[datasheet](#)



GMV

Hifly®

Hifly® is GMV's satellite monitoring and control system, guiding major satellite platforms with extensive operational experience.

Year of hifly® operations start for eutelsat's w3a satellite leap phase	2004
Approximate number of satellites guided with hifly®	150
World's leading provider of satellite control centers for telecommunications operators	Nº 1
Comsat commercial launched in the last ten years with hifly® support	40 %

price on request

[datasheet](#)



GMV

MagicGEMINI®

MagicGEMINI® is a comprehensive GNSS performance monitoring and analysis system designed for the aviation community, supporting multi-constellation and multi-frequency operations.

price on request



GMV

MagicIFP

MagicIFP is a web application service that enables you to conduct the required ground and flight validation activities on your PBN procedures to ensure they comply with ICAO recomm

price on request



GMV

MagicPPP®

MagicPPP® is a web-based precise positioning service with global coverage that allows GNSS users to determine their position or trajectory with centimetric accuracy.

Static mode precision (observation time ~1 day)	Sub-centimetric
Static mode precision (observation time ~2 hours)	2-3 cm
Static mode precision (observation time 20 minutes - 1 hour)	Below 10 cm
Supported GNSS constellations	GPS, GLONASS, Galileo, BeiDou, ZSS
Required orbit accuracy for high precision	2-4 cm
Required clock error correction for high precision	0.15 nanoseconds
Supported rinex versions	2.00, 2.10, 2.11, 3.00, 3.01, 3.02, 3.03

price on request

[datasheet](#)

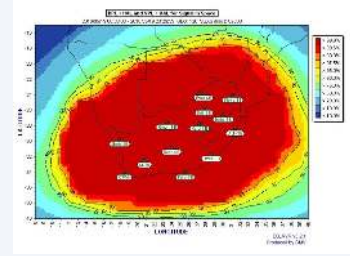


GMV

MagicPPP®

MagicPPP® is a web positioning service with worldwide coverage that allows GNSS users to determine their position or trajectory with centimeter precision, based on the user's RINEX

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GMV

MagicSBAS®

MagicSBAS® is an advanced, multi-constellation, operational testbed for Satellite-Based Augmentation Systems (SBAS) that provides regional differential corrections and non-safety-c

Sbas standards compliance (L1 Legacy)	RTCA/D0-229F, ICAO SARP
Sbas standards compliance (DFMC)	RTCA, ED-259
Supported GNSS constellations	GPS, GLONASS, Galileo, BeiDou
Supported raw data formats	NTRIP, RINEX, EDAS, EGNOS
Sbas augmentation retransmission	Internet (SISNet or binary format) via compatible GEO satellite provider
Operational modes	Real-time (service provision), Rapid post-processing replay (analysis/troubleshooting)
Implementation time (COTS concept)	Few months

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GMV

MagicSBAS®

MagicSBAS® is an advanced, multi-constellation, operational satellite-based augmentation system (SBAS) test bench that offers regional differential corrections and non-safety-criti

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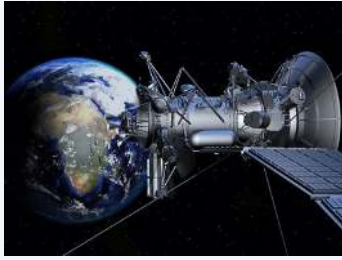


GMV

Magnet

Magnet is GMV's complete and expandable ground control and monitoring system, providing comprehensive solutions for ground station needs.

[price on request](#) [datasheet](#)



GMV

Magnet

Magnet is a comprehensive and scalable ground station control and monitoring system developed by GMV, operational since 2012.

Operational since	2012
Commercial equipment units supported	144
Continents implemented in	4
Antenna sites monitored/controlled	18
Total antennas controlled/monitored	23

price on request



GMV

OST Suite

OST Suite is a web-based software suite providing 24/7 support for critical space mission operations, simplifying communication and coordination among diverse teams and user groups

Support	24/7
Operational scope	Manned spaceflight / Satellite operations for any type of mission
Team support	For distinct teams located in various locations
User group support	For distinct user groups, from operators to managers
Adaptability	Adaptation to the needs of each client
Operational proof	100% operations proven
Architecture	Platform-independent, modular, and scalable

price on request



GMV

OST Suite

A web-based software suite providing 24/7 support for mission-critical operations in space flight.

price on request



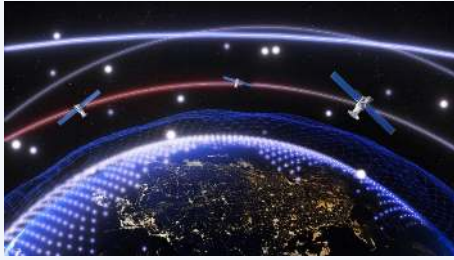
GMV

Polaris

Polaris is a GNSS service volume performance simulator that allows users to evaluate the performance of various GNSS system and sensor combinations in different user environments.

Operating system	Windows®
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price on request



GMV

Polaris

Polaris is a GNSS Service Volume Performance Simulator that provides the means to demonstrate the benefits to be gained with a wide variety of combinations of GNSS systems and sensors.

price on request



GMV

SmartPayload for flexible satellites

SmartPayload is a solution for VHTS and software defined SATCOM payload operations, designed for dynamic scenarios and fully interoperable with main satellite manufacturers.

price on request



GMV

SmartPayload para satélites flexibles

SmartPayload is a software solution by GMV for managing and optimizing SATCOM payloads on flexible satellites, including VHTS and software-defined payloads, designed for dynamic scenarios.

price on request



GMV

SRX-10i

SRX-10i is a competitive solution for simultaneous monitoring of up to two bands of the GNSS spectrum including real-time interference detection and analysis.

Compatible GNSS bands	GPS L1/Galileo E1/GLONASS G1, GPS L2/GLONASS G2, GPS L5/Galileo E5a/E5b/GLONASS G3
Bandwidth	up to 50 MHz (100 MHz aggregate)

price on request

[datasheet](#)



GMV

XRC

XRC (eXperimental Receiver Canvas) is an engineering software receiver that allows the processing of GNSS multiple signals in multiple approaches, offering high configurability and extensibility for designing and evaluation.

price on request



GMV

XRC (eXperimental Receiver Canvas)

XRC is an engineering software receiver that enables multi-signal GNSS processing with various approaches, offering high configurability and extensibility for designing and evaluation.

Signal sample resolution	1 bit
Signal sample resolution (2)	16 bit
Signal sample rate	10 MSps
Signal sample rate (2)	400 MSps

price on request

Contact gmv

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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<https://www.gmv.com/>