GESS

GLOBAL ENGINEERING SERVICES & SOLUTIONS

ABOUT US

The experience of the **PAST** and the basis on which we build the **FUTURE**, is what makes us an important partner in the **PRESENT.**

We started, in 2018, with a small but committed team, sharing passion for automotive technology, with a core business: test-driving.

We evolved gradually and pragmatically, client by client, project by project, step by step, always setting new targets, goals and challenges that motivated us and helped us grow – as professionals, as a group and as a business.

WHY CHOOSE US

Experienced Professionals

We treat all projects with the required responsibility, ensure transparent processes and commitment

Strong Business Culture

Embracing a growth mindset, encouraging our teams and leaders to bring their best each day.

Broad Range of Technical Knowledge

We treat all projects with the required responsibility, ensure transparent processes and commitment

Dynamic & Professional

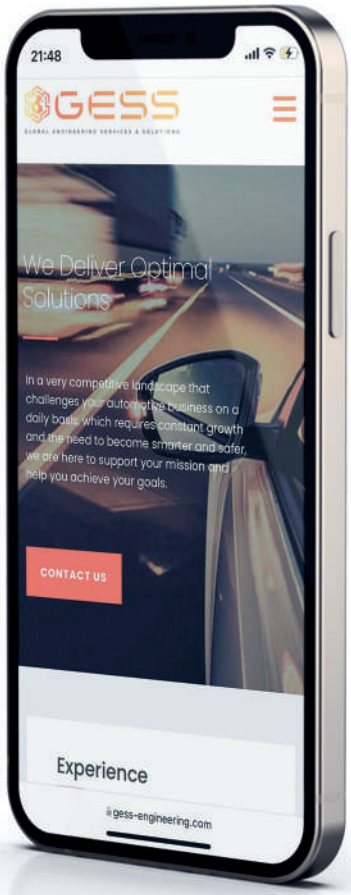
Working in a dynamic and professional way while fully utilizing our skills and abilities.

Extensive Experience

Our experience and completed trainings recommend us for a wide range of services to support businesses.

Various Areas

Our client portfolio is created by strong partnerships.



EXPERTISE

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80% Automotive & Mobility

50% Aerospace Industry

65% Telco & IOT

20% Medical

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OUR COMMITMENT

We are proud to have reached the level where we can offer complete engineering services, to superior standards, as well as end-to-end solutions and packages. A beautiful evolution, we say, made possible by hard work and dedication. And now, our list of offered services is the very "business card" of this evolution.

VISION

Our vision is to be acknowledged as an essential business partner providing premium services and a high degree of integration within your product development process.

MISSION

Understanding customer needs and requirements to deploy the best service level in order to sustain their competitiveness and product quality.

STRATEGY

- Increasing global market presence
- Providing end to end solutions in Engineering for Automotive & Mobility, Aerospace and Telecommunications
- Boosting the advanced technology solutions

18 YEARS OF EXPERIENCE

in **ENGINEERING, AUTOMOTIVE & DEVELOPMENT.**

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WE DELIVER OPTIMAL SOLUTIONS

- Software Development - low and high level;
- Software & System Architecture;
- Cyber Security & Software Safety,
- Hardware Engineering - Validation, Electrical, Mechanical, Sample Management;
- Quality Assurance - Software & Testing;
- Project Management & Technical Leading;
- Requirements Engineering;
- Testing & Validation - bench & vehicle level;
- Test Equipment build-up - Laboratory, Production & Vehicle;
- Test Driving & Tool Operation Services

In a very competitive landscape that challenges your automotive business on a daily basis, which requires constant growth and the need to become smarter and safer, we are here to support your mission and help you achieve your goals.

SERVICES

ENGINEERING SERVICES

- **Software Development**
  C / C++ / Embedded / AUTOSAR / Java / Java Script / Angular / React / High level programming, Web and Applications development, Function and algorithm development.
  Cyber Security, DevOps
  FOTA - Firmware Over The Air

- **Testing & Validation**
  System Testing at Bench/Laboratory level;
  Vehicle System Testing:
  Customer requirements testing;
  - For existing standards and protocols: EuroNCAP, NHTSA, ANCAP, C-NCAP, J-NCAP;
  - Multiple test scenarios on test tracks (Dynamic maneuvers, AEB scenarios on moving and stationary objects, ACC routes, USS sensor testing, Traffic alerts for forwards or backwards driving, Long & Short Range Radars, Camera sensors, Fusion, Gateways);

  Hardware Testing, Electrical Testing, EMC, ESD, Environmental;
  FOTA - Firmware Over The Air
  Test specifications creation requirements based for different products;
  Software Validation;
  HIL, SIL, VIL, MIL.

- **System**
  System architecture
  Requirements engineering
- **Vehicle Build-up & Integrationt**
- **Video Data Labelling, Classification & Annotation**
- **Hardware Engineering**
- **Mechanical Design**
- **Quality Assurance**
- **Test Driving & Operation**

PROJECT MANAGEMENT

- Project Managers
- Software PM (including Function or Algorithm)
- Project Test Managers
- Technical Project Leads

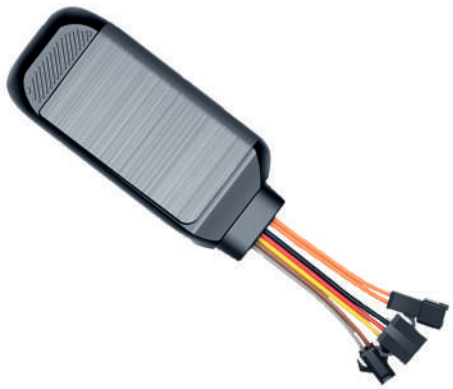
SERVICES

TEST DRIVING & OPERATION

- Field Operation Tests / Endurance runs / Data collection with any type of vehicle, cars, trucks or motorbikes;
- Mixed scenarios and test protocols with multiple vehicles considered;
- Operation of measurement technology including troubleshooting;
- Tire testing: endurance, quality & parameters;
- Prototype vehicle handling under any confidentiality level;
- Documentation of the test results;
- Tool Operators and Technicians (e.g. Pedestrian and Bike system, GST target, Flexmot, Baloon target, Steering & Braking Robots);
- Fleet management – all necessary actions to properly maintain your vehicle fleet;
- Dispatcher, shift operation and driver coordination;
- Vehicle pick-up & deliver to test track (or any other destination); Vehicle transfers;
- Driving license categories: A, B, BE, C, CE, D;
- Driver trainings: BMW: B1/B2; Mercedes: T1/T2; ADAC safety trainings, tool handling;
- Services are provided on the dedicated proving grounds, test tracks or public roads;
- Worldwide flexibility (Europe, North & South America, Canada, Asia, Rusia);
- Experience of more than 2.5 million kilometers driven.

VEHICLE BUILD-UP & INTEGRATION

- Sensors & systems integration from scratch (including brake ECUs);
- Maintenance of existing instrumentation in vehicle;
- Debug and optimization of current not working vehicle setup;
- Flying setup build-up.



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