

# 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.



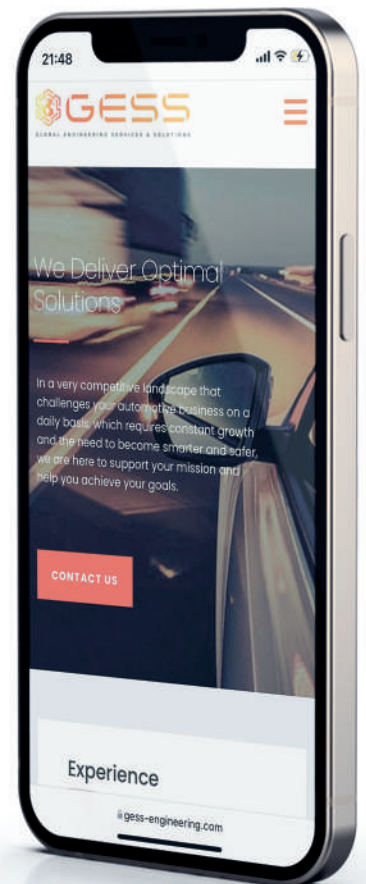
### Extensive Experience

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



**80%**  
Automotive  
& Mobility

**50%**  
Aerospace  
Industry

**65%**  
Telco  
& IOT

**20%**  
Medical





# #GESS

## OUR COMMITMENT

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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

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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

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

## STRATEGY

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

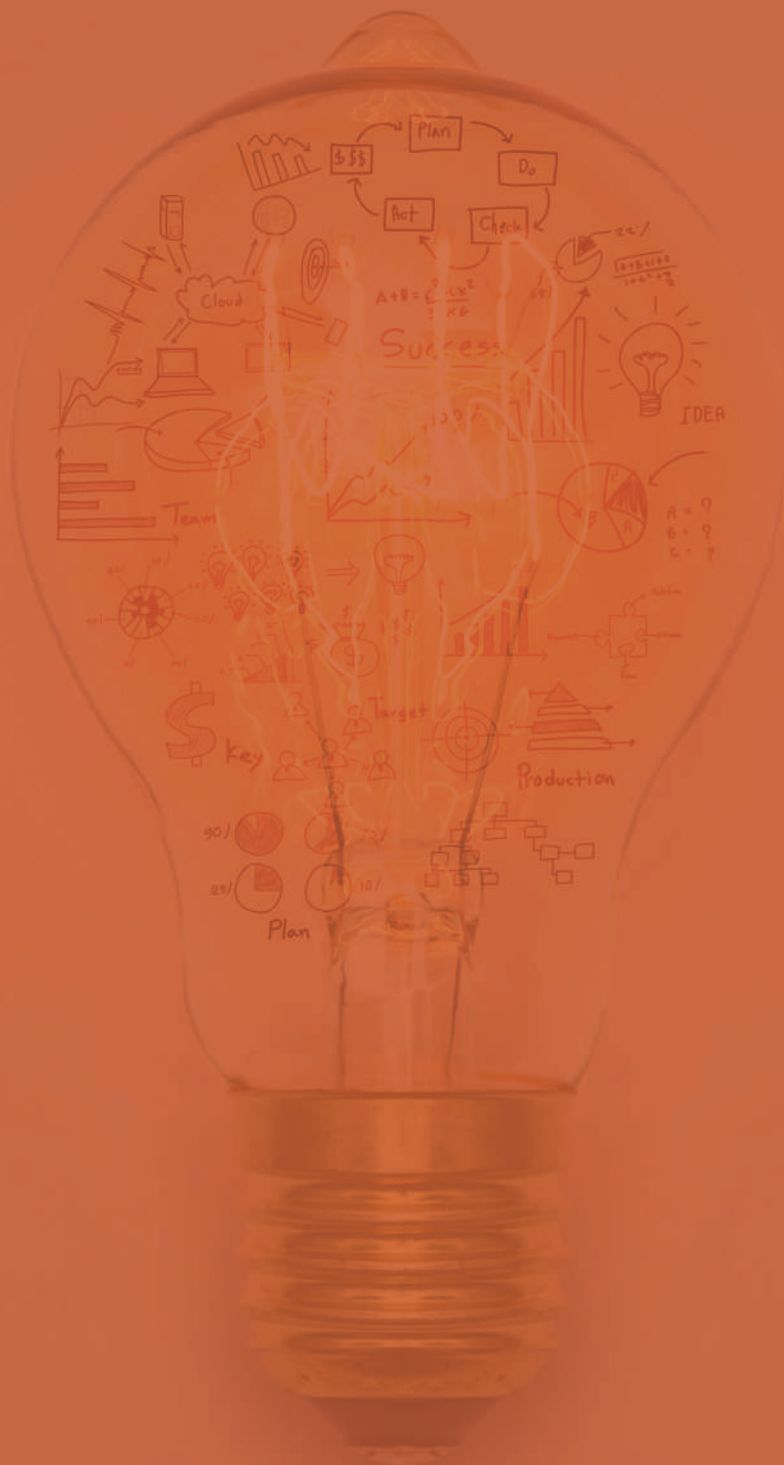
# 18 YEARS OF EXPERIENCE

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in **ENGINEERING, AUTOMOTIVE & DEVELOPMENT.**

# WE DELIVER OPTIMAL SOLUTIONS

In a very competitive landscape that challenges your 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.

### ✓ Testing & Validation

System Testing at Bench/Laboratory level;

Vehicle System 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 and Short Range Radars, Camera sensors, Fusion, Gateways);

Hardware Testing, Electrical Testing, EMC, ESD, Environmental;

Customer requirements testing;

Test specifications creation requirements based for different products;

Software Validation;

HIL, SIL, VIL, MIL.

### ✓ System

System architecture

Requirements engineering

### ✓ Hardware Engineering

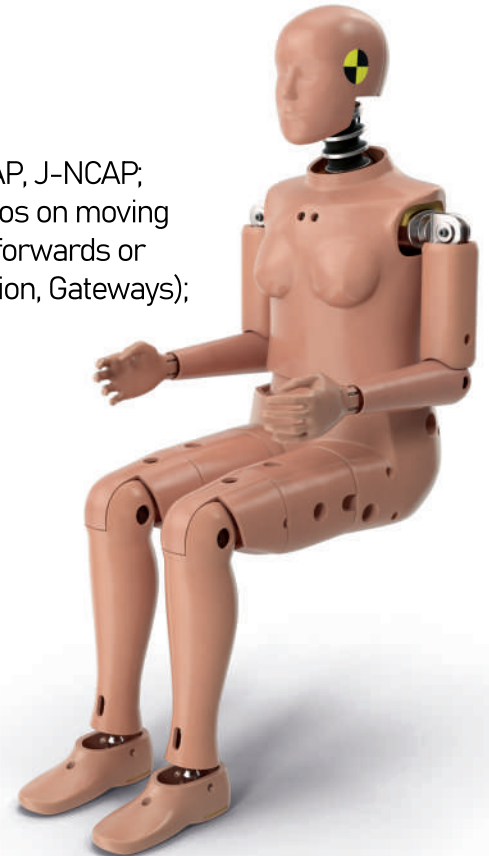
### ✓ Mechanical Design

### ✓ Vehicle Build-up & Integration

### ✓ Quality Assurance

### ✓ Video Data Labelling, Classification & Annotation

### ✓ 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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