





ERFOLG provides engineering services in niche market of Sketching, Designing & FEA Analysis in field of Automotive, Aerospace, Oil & Gas, Heavy Engineering and Solar Industries.

With our practical approach, always focused on improving our client's products, we would welcome the opportunity to prove how our services could benefit your product design; whether you need to establish a competitive edge, solve a problem or simply require additional resources, **ERFOLG Engineering Services LLP** will help you deliver better quality, faster and more cost-efficiently.



VISION

ERFLOG Is to be the global leader in Customer Value



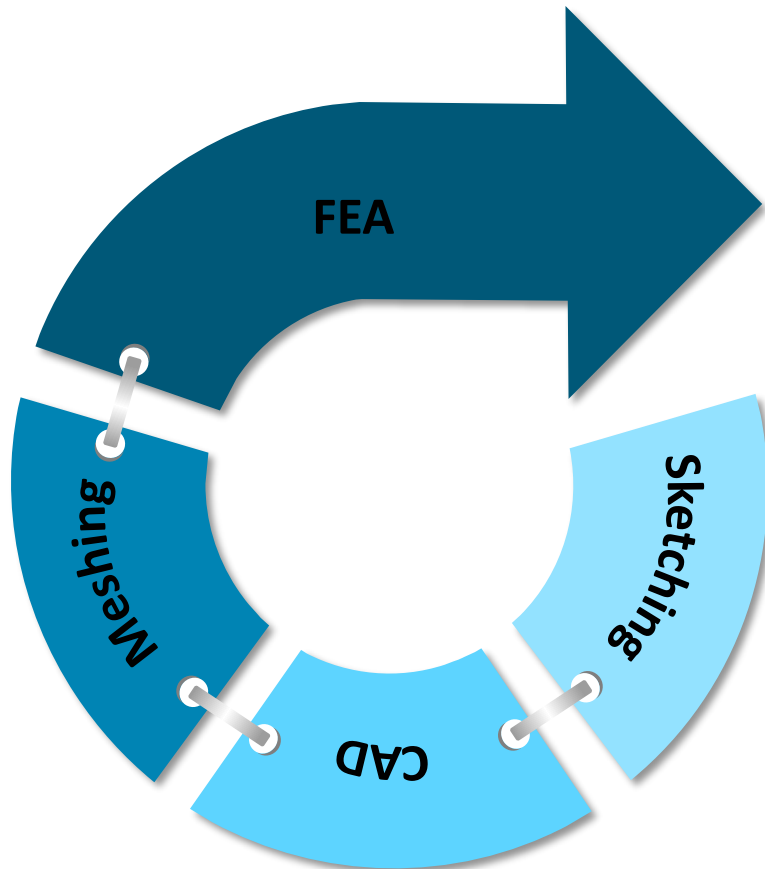
MISSION

ERFLOG will deliver the highest value for money to our Customer as we are committed to Quality Services within stipulated timeframe to delight our Customer.

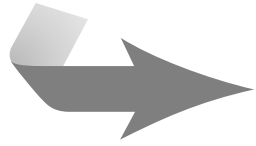


VALUE

ERFOLG's values are the cornerstone of how we do business and the basis for our guiding principles and the culture of the company.



- **Concept Sketching**
Industrial Design, Sketching, Styling, & Ergonomics, Usability Studies
- **CAD (Computer Aided Design)**
Component Design, CAD Modeling & detailed Design, Manufacturing Drawings & BoM, GD&T, Stack-up Analysis and ANSI Standard
- **Advanced Meshing**
Advanced high quality solid & surface Meshing
- **FEA (Finite Element Analysis)**
Structure Analysis, Thermal – Electrical Analysis, Rollover Simulation, Crash Analysis & Design Optimization

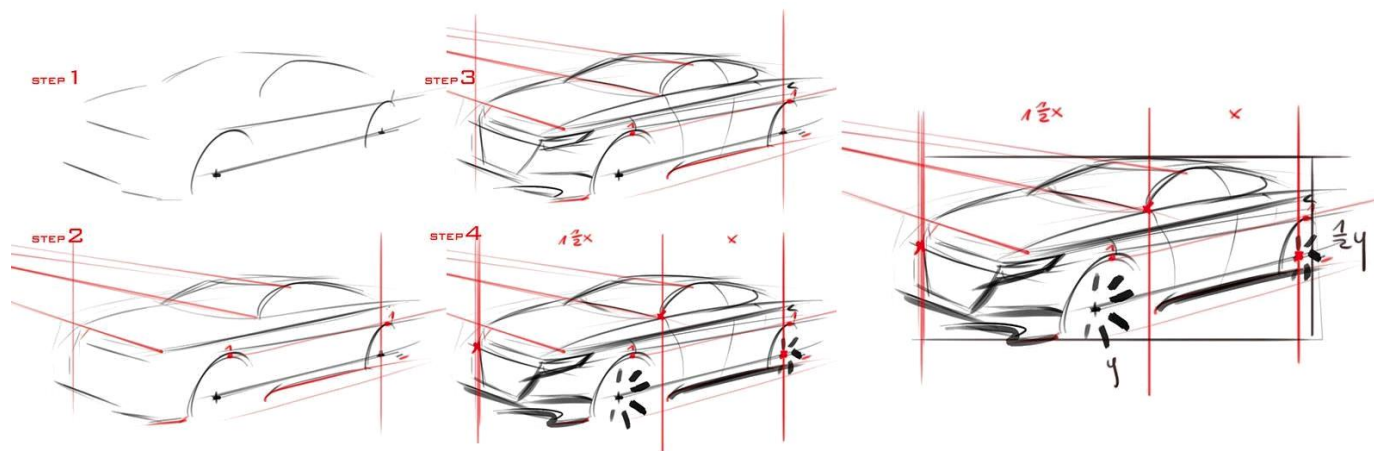


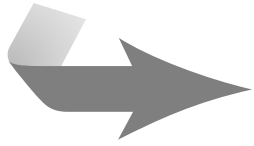
Concept Sketching

ERFOLG support and advise the customer at every step During the entire development process. Regular and secure data synchronization for visualization and cubing purposes is also used as a monitoring instrument. The group-wide networking of expertise in our Design Centers enables us to create design concepts in the shortest possible time. ERFOLG's competence from " **Sketch to Virtual Prototyping** " describes tailor-made and innovative design services

Our Capabilities

- Hand Sketches
- Surface Modeling
- Design of interior and exterior parts
- Benchmarking & Product placement
- Surface smoothing Class A and Class B
- Lettering/logos
- Technical visualization & presentation



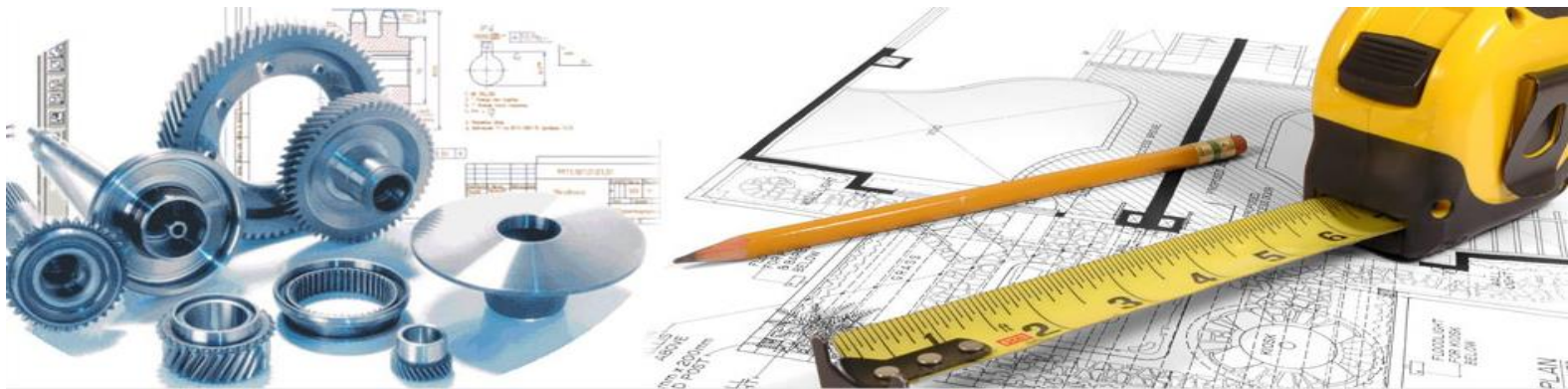


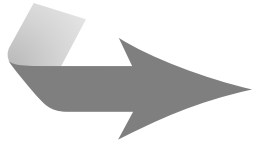
CAD (Computer Aided Design)

ERFOLG have a team of engineer with expertise across a wide range of engineering disciplines & industries that we provide consulting support based on your specific needs & requirements to generate high quality CAD Model on different platform including high end popular CAD program suit like AutoCAD, Solidworks, Unigraphics NX, Pro-E & CATIA.

Our Capabilities

- Legacy data conversion, 2D to 3D conversion services
- Parametric part modelling and CAD customization
- Design of interior and exterior parts
- Full Vehicle integration and design of under-body parts
- Adaptation of existing design to new vehicle variants
- Preparation of intermediate BOM for procurement
- CAD data conversation/migration
- Reverse engineering
- Design of large structures as per design standards and codes



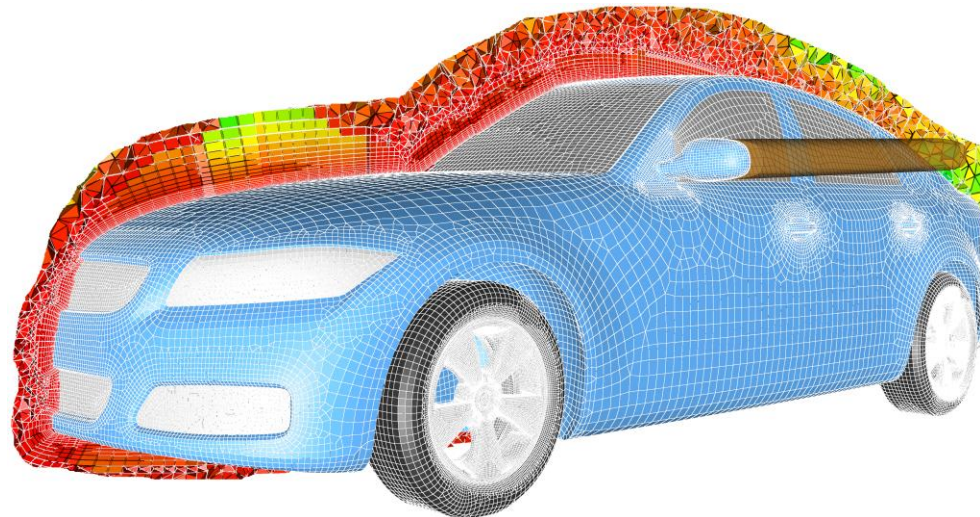


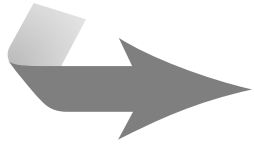
Advance Meshing

ERFOLG have a team of engineer with expertise across a wide range of engineering disciplines & industries that we provide consulting support based on your specific needs & requirements to generate high quality Meshing with using ANSYS, Hypermesh & ANSA Platform.

Our Capabilities

- Proprietary shell meshing algorithms
- High performance & Quality volume meshing algorithm
- Hexahedral dominant meshing
- Mesh creation on extracted middle surface
- Shell meshing (thin shell, symmetric and axisymmetric problems)
- Solid meshing (complicated solid parts and CFD problems)
- Acoustic cavity mesh



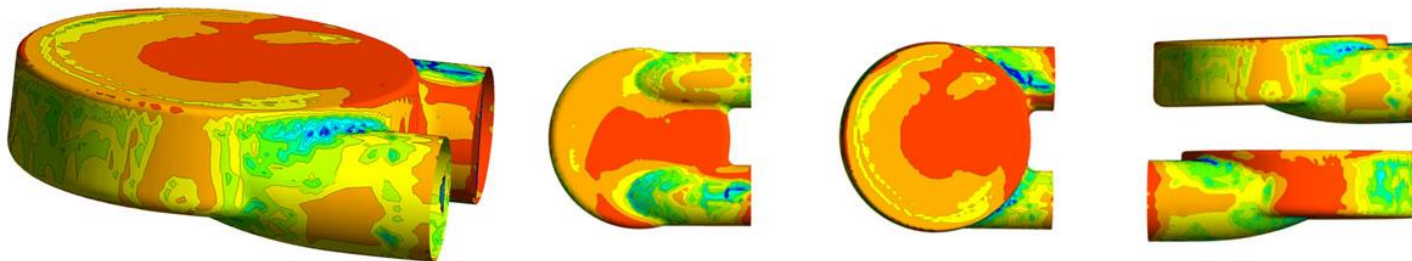


FEA (Finite Element Analysis)

FEA is generally recognized as an important method of improving productivity. One of the major benefits of this technology has been to reduce the amount of manual work force spent analyzing changes made to vehicle designs. By using existing data, computer-aided design (CAD) can be used to co-ordinate the spatial relationships in the Automotive (on road & off road vehicle), Aerospace, Oil & Gas, Heavy Engineering and Solar.

Our Capabilities

- Structural Analysis
- Thermal & Electrical Simulation
- Dynamic Simulation
- Durability & Fatigue Simulation
- Roll Over Simulation
- Crash Analysis
- Product optimization and weight reduction
- Data Collection & Report Creation



We are working with latest engineering software and technologies to translate the value of project information into an accurate design output. Our experts are well experienced across a wide range of software, enabling efficiencies in design and analysis.



CAD

- Solid works
- Pro-Engineer
- CATIA
- AutoCAD
- UG NX



FEA

- Hypermesh
- ANSYS
- Abaqus
- LS-Dyna
- MATLAB



STYLING

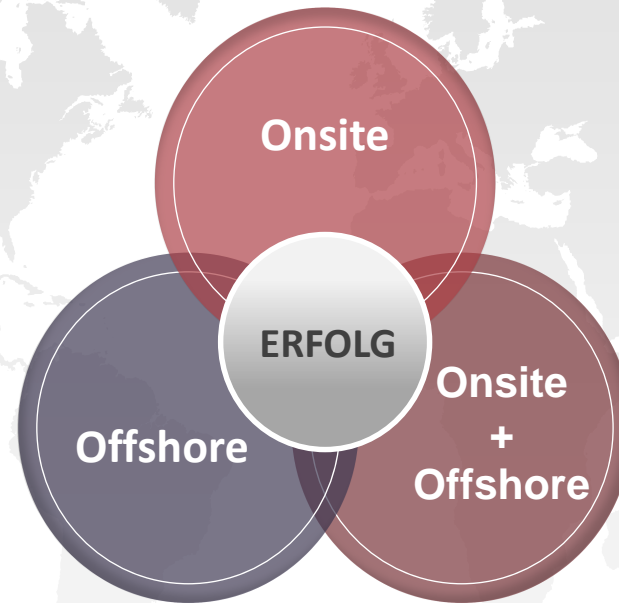
- Alias
- Illustrator
- Fusion 360
- Photoshop

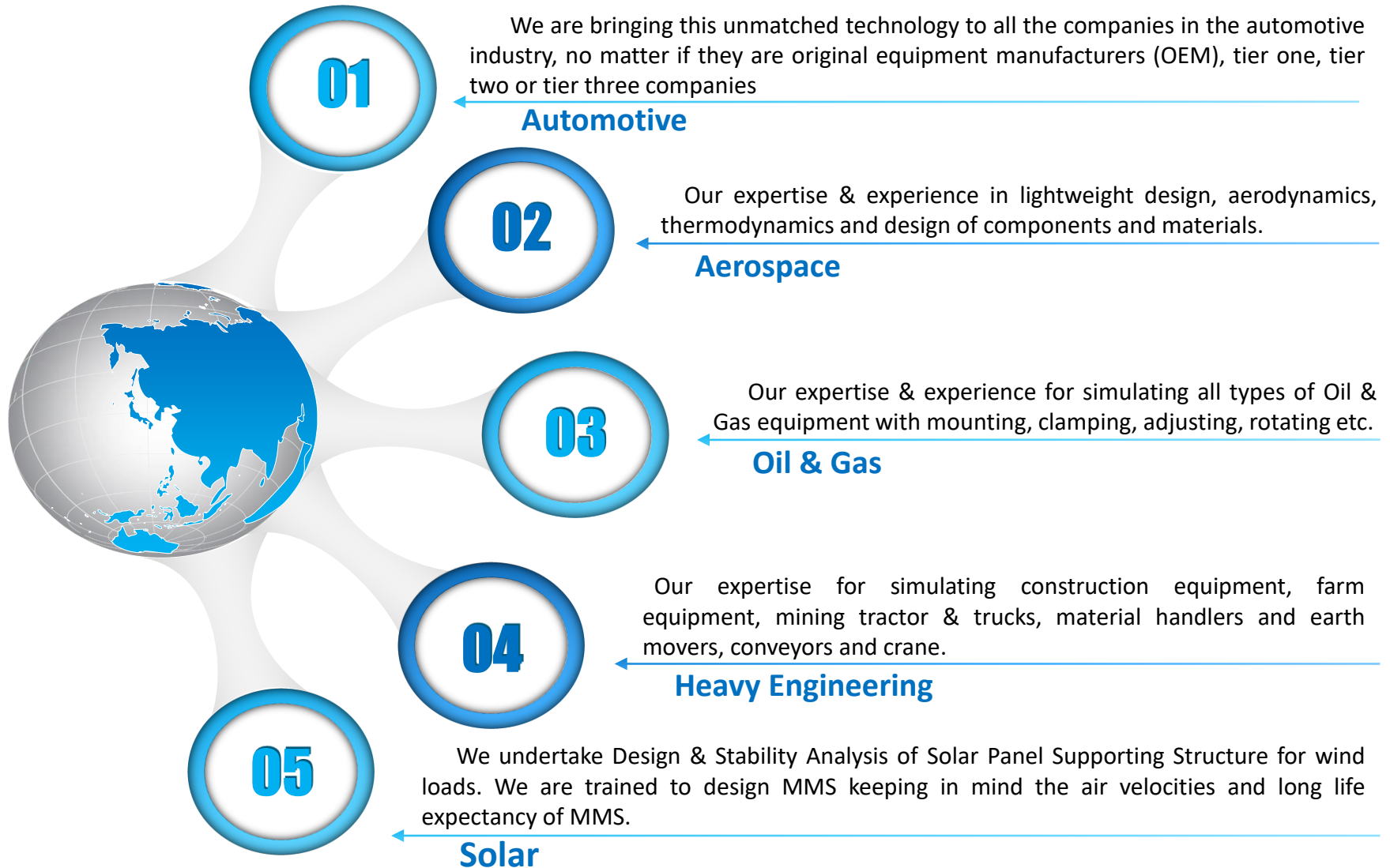


MESHING

- Hypermesh
- ANSA

ERFOLG have a team of talented and experienced engineers who are dedicated to making CAD, Styling & FEA technology accessible to everyone. Over the years we have been gaining experience in the fields of CAD, Styling & FEA expanding our knowledge. We have been studying industries and preparing ourselves to provide services in various fields including Automobile, Aerospace, Oil & Gas, Heavy Engineering and Solar etc. We are expanding & lending our services to various industries around the world. Our team is working onsite, offshore and onsite + offshore for our customers around the globe.





Our Clients

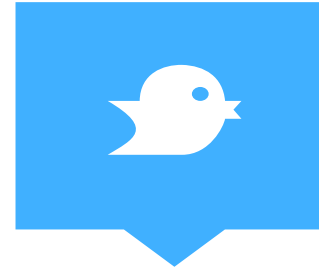




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