

Aerospace



Automotive



Medical Devices



Defense

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## Engineering, Simulation & Optimization

ACENTISS provides engineering services for structural design, stress and fatigue competencies for metallic and composite structures in all project phases, like

- ▶ **Conceptual design, preliminary design, detail design,**
- ▶ **Manufacturing,**
- ▶ **Verification and certification including testing**
- ▶ **In-Service support**

We use advanced simulation techniques to achieve high quality for the developed products. To guarantee a light-weight design at reasonable costs, we use numerical optimization methods and evolutionary strategies.

Challenge us with your projects like

- ▶ **Static, stability and fatigue analysis,**
- ▶ **Design and optimization,**
- ▶ **Definition and supervision of static, fatigue and component tests,**
- ▶ **Mass reduction tasks and**
- ▶ **Certification issues**
- ▶ **Production Optimization**

With our partners we furthermore offer

- ▶ **Prototype design of developed structures**
- ▶ **Definition and conduction of testing and certification**



## System Dynamics & Safety



ACENTISS provides safety engineering throughout the entire product life cycle. Amongst others we offer hazard analyses and risk assessments, or the verification of hardware components using our comprehensive method and tool expertise.

We use our standards and process expertise to analyze, tailor and optimize your development processes in order to ensure a state of the art hardware and software design regarding functional safety.

We support you during the analysis and optimization of your processes and methods as well as during your operative product handling.

Our team will assist you in

- ▶ **Functional Safety Engineering and Consulting acc. to IEC 61508, ISO 26262, DO 178, DO 254, ISO 13485, IEC/EN 62304**
- ▶ **Hard - and Software Development for electronic components and systems**
- ▶ **In-Service support**
- ▶ **Process & system management**



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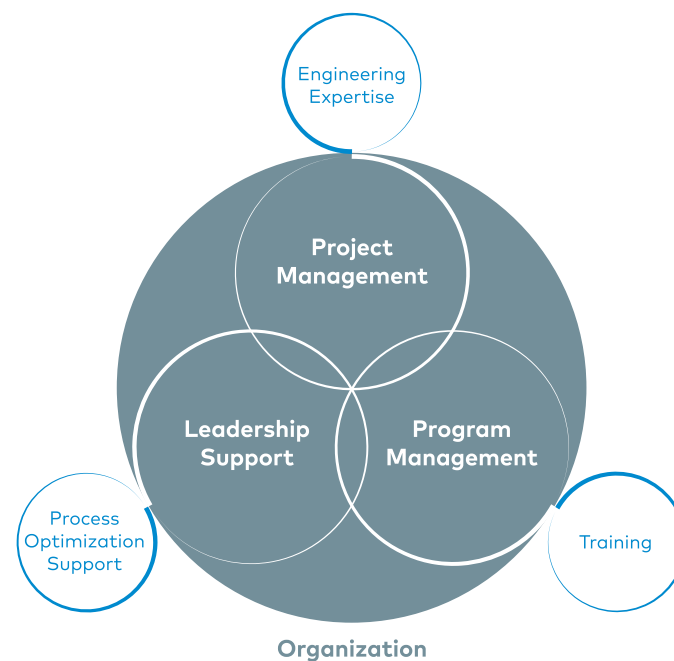
## ACENTISS Interim Management

ACENTISS provides highly-skilled experts with long-term experiences, challenged in complex situations beyond the classical consultancy approach.

We offer our specific technical know-how to our customers in the aircraft, regenerative energy industries, automotive and medical devices.

The benefits for our customers are

- ▶ **Flexible and short-term availability of experts**
- ▶ **Scheduled and limited implementation of an ACENTISS manager in leadership**
- ▶ **Cost-efficient support**
- ▶ **Political independence (no obligation to customer's policy)**
- ▶ **Individualized ramp-up phase based on industry related inside knowledge**

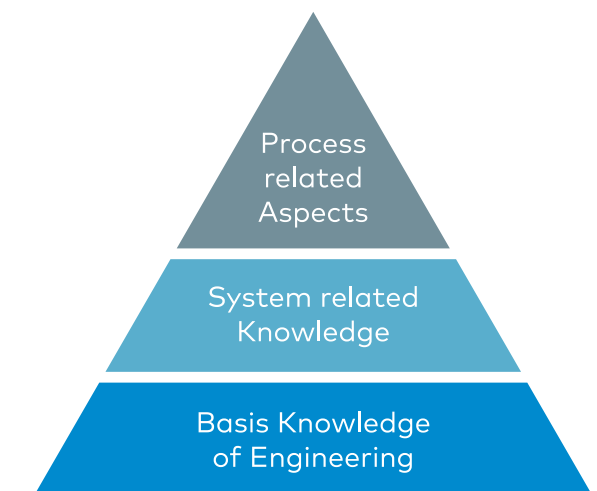


## ACENTISS Academy

The Acentiss Academy provides basic and specific training courses for Aerospace, Automotive and Medical Devices. Our experienced trainers conduct courses in Ottobrunn, Stuttgart or at client sites. In addition to the standard range presented in the Academy Catalogue, ACENTISS offers individually designed courses for your company, customized to your needs.

A three-level training concept provides courses starting with basic knowledge followed by advanced topics for more experienced participants. Workshop examples guarantee a strong link between theoretical knowledge and real world applications. The third level courses concentrate on interfaces between engineering and other disciplines such as manufacturing and overhaul.

Our Academy courses provide a strong foundation and real-world skills to designers and engineers in aerospace, automotive and other industries dealing with innovative projects.

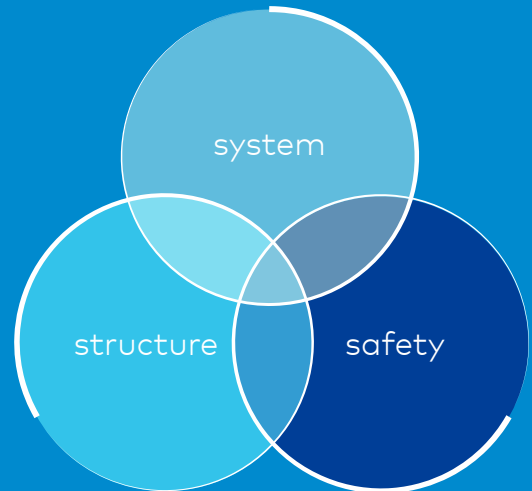


**ACENTISS**  
ACADEMY

## ACENTISS

Approved Center of Engineering, Technology and In-Service Support – supports customers through all phases of the product life cycle, primarily in the industries of

- ▶ **Aerospace**
- ▶ **Automotive**
- ▶ **Medical Devices**
- ▶ **Defense**



ACENTISS knowledge and experience facilitates

- ▶ **Development of new technologies – Engineering, Simulation and Optimization**
- ▶ **Involvement of ACENTISS Experts – ACENTISS Interim Management**
- ▶ **Transfer of engineering know-how – ACENTISS Academy**
- ▶ **Functional safety analysis and optimization of systems and processes; Hard - Software Development**

### ACENTISS Ottobrunn

Einsteinstrasse 28a  
85521 Ottobrunn  
Germany

phone +49 89 4111 934-0  
fax +49 89 4111 934-95

[info@acentiss.de](mailto:info@acentiss.de)  
[www.acentiss.de](http://www.acentiss.de)

### ACENTISS Stuttgart

Wilhelm Haas Strasse 6  
70771 Leinfelden-Echterdingen  
Germany

phone +49 711 21 959 360  
fax +49 89 4111 934-95