



INNOVATIVE. SAFE. RELIABLE.



AEROSPACE AUTOMOTIVE DEFENSE INDUSTRIAL

COMPANY OVERVIEW



2008

FOUNDED

Head Office: Bremen,
Germany
Airport City

200+

PROJECTS

Team: 10 Engineers

REGION

50 % USA

50 % Europe

INDUSTRIES

45 % Automotive

45 % Aerospace

05 % Industrial

05 % Defense



Certificate Registration No.
31601331 QM15



FSCP certified

RAMS/LCC

Analyses for Reliability, Availability, Maintainability, (functional) Safety and Life Cycle Cost



CONSULTING

Consulting for the development of technical solutions and processes

SPECIFICATION

Specification and Architecture
Methods: RbE, MbSE
(Requirement based Engineering, Model based Systems Engineering)





DOCUMENTATION

Preparation of development plans and technical documentation

e.g. in accordance with SAE ARP4754, RTCA DO-254 or ISO26262

SYSTEM DEVELOPMENT

Development of functional concepts and demonstrators for electrical, mechanical and complex systems



VALIDATION & VERIFICATION

Examination of design and demonstration of compliance with certification and customer requirements

with appropriate methods e.g. analyses, simulation or test

REFERENCES LATEST PROJECTS



Functional Safety
for Braking System

AUTOMOTIVE

Hannover | Germany

RbE for Battery
Management
System

AUTOMOTIVE

Novi | Michigan, USA

Quality Assurance
for Propulsion
System

DEFENSE

Bremen | Germany

LCC-Model for
Submarine

DEFENSE

Kiel | Germany

RbE for Cargo
Loading System

INDUSTRIAL

Goldsboro | North Carolina,
USA

Functional Safety
for Energy Storage

INDUSTRIAL

Delaware | Ohio, USA

Safety Consulting
for Airship

AEROSPACE

Paris | France

Safety Assessment
for Landing Gear
System

AEROSPACE

Livonia | Michigan, USA



AEROSPACE
AUTOMOTIVE
DEFENSE
INDUSTRIAL

Contact:

AdvanTec Engineering GmbH
Harald Wangerin

Flughafenallee 26
28199 Bremen | Germany

Phone +49 (0)421 537 1150
Fax +49 (0)421 537 1200

info[at]advantec-engineering.com
www.advantec-engineering.com