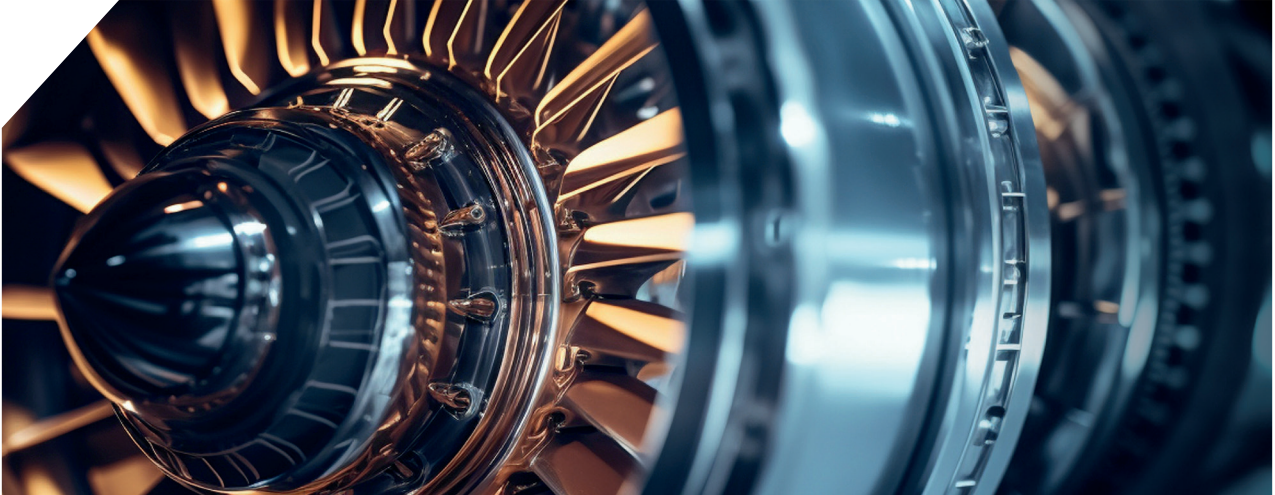
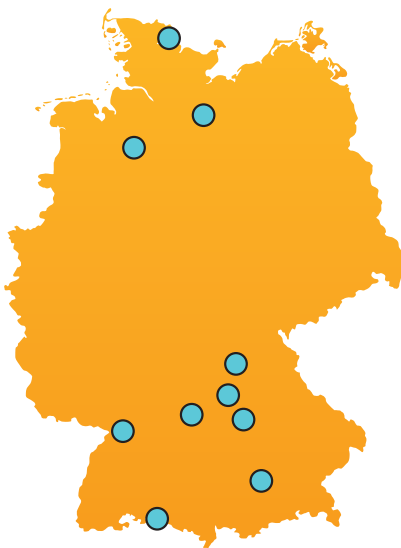


# Aerospace & Defense



**Akkodis: Support on Time,  
on Demand, and on Quality,  
for Land, Air, Sea, and Space**



**Industry expert (Akkodis Germany AS&D GmbH)  
with 400+ employees**

- Bremen, Hamburg, Manching, Ingolstadt, Donauwörth, Erlangen, Karlsruhe, Kiel, Friedrichshafen, and Munich/Oberpfaffenhofen
- An expert workforce: hundreds of knowledgeable professionals in the Aerospace and Defense domain
- All possible contract models: work package, service contract, experts on demand – ANÜ (Arbeitnehmerüberlassung)

## Our services and fields of activity

- System engineering according to ATA chapters, from design through integration and validation, lab, ground, and flight tests, to certification
- IT and software applications for design and production
- Aircraft Operations Support, including in-service activities, maintainability & maintenance engineering, technical publications, service bulletins, and complete studies on aircraft modifications
- Technical documentation
- Cybersecurity
- Design operability & POA
- Software development and testing
- Mechanical engineering from design through simulation, material selection, to quality acceptance
- Supply chain management, including lean manufacturing, cost engineering, manufacturing engineering, and change management
- Project lifecycle management
- Embedded Hardware design (full customized, semi customized)



AEROSPACE  
AND DEFENCE



AUTOMOTIVE AND  
TRANSPORTATION



BANKING AND  
FINANCIAL SERVICES



ENERGY AND CLEAN  
TECHNOLOGY



INFORMATION AND  
COMMUNICATION TECHNOLOGY



LIFE SCIENCE AND  
HEALTHCARE



MANUFACTURING  
AND LOGISTICS

## Four Lines of Services



**Talent**



**Consulting**



**Academy**



**Solutions**

### AKKODIS - Capabilities

Teams at Akkodis deliver on-time, reliably and on-demand through extensive experiences and knowledge in the Military and Civil Aerospace and Naval Engineering:

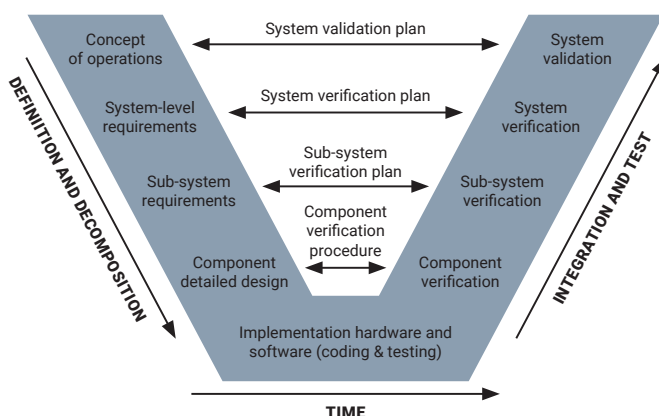
- Software Engineers
- System Engineers
- Test Engineers
- Supply Chain Experts
- Design Engineers
- Certification Engineers

### AKKODIS - References

From top-level requirements down to the smallest unit tests, extending to the comprehensive execution of automated test campaigns and flight tests:

- Embedded HW Design
- Helicopter Design (Civil & Military)
- Electrical/Mechanical Simulator Design
- Customer Support Order Administration
- Requirements Based Engineering (RBE)
- Verification & Validation
- Aerospace Hydraulics/High Lift Systems
- Aerospace Technical Documentation, Environmental Control Systems, Connectivity Systems, Avionics & Flight Ops
- Supply Chain Management, Manufacturing Engineering & Lean Management
- Supervision of major German Navy construction projects
- Development of underwater vehicle drives
- Conceptualization of standardized deployment systems
- Implementation of autonomous sensor and effector systems
- Obsolescence management for system engineering

### We embrace the V-Model approach



## Expertise & Capabilities

### Standards

- RTCA DO-160
- RTCA DO-178 B/C
- RTCA DO-331
- RTCA DO-254
- ARP4754
- ARP4761
- German Navy Standard
- Requirements model
- Architecture model
- Risk model
- Quality model
- MIL-STD 810
- ISO 9001
- ISO 14001
- ISO 27001
- ISO 15288
- EN9100
- Customer Processes
- Creation of the next method architecture according to NATO Architecture Framework Version 4 (NAF 4)

### Methods

- Requirement Based Engineering (RBE)
- Problem Solving
- AFI-Methodology
- Finite Element Analysis (FEA)
- Model Based Systems Engineering (MBSE)
- Lean / Six Sigma
- IMA
- Project Management
- Quality Management
- 8D-Report
- Automation

### Tools

- DOORS
- PDM
- Scade
- CATIA V5, NX, AutoCAD, etc.
- VPM
- ATLASSIAN Tool Chain
- Digital Mockup (DMU)
- Matlab / Simulink
- SABER
- CAMEO (SysML)
- C++, C#, Python, Shell, Bash, Java, Ada, etc.

Contact us

