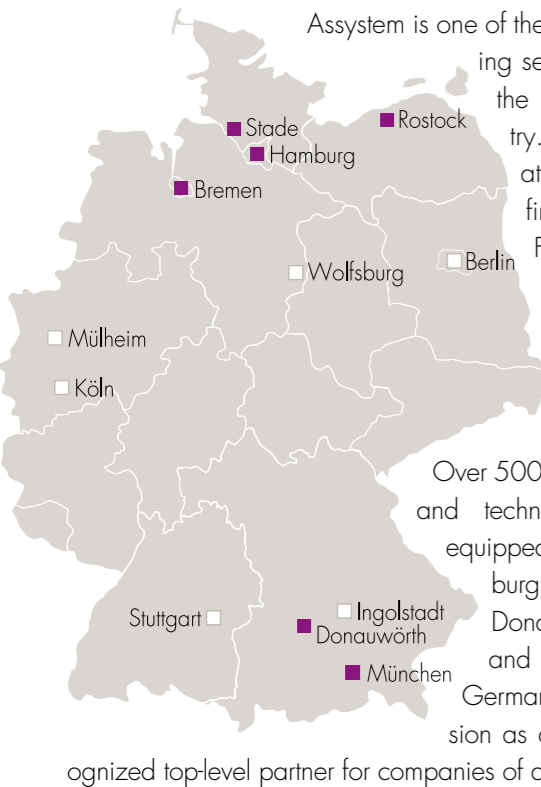




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assystem

**AEROSPACE
EXCELLENCE IN ENGINEERING
YOUR PARTNER
ANYWHERE, ANYTIME**

A RELIABLE AND RECOGNIZED TOP-LEVEL PARTNER FOR COMPANIES OF ALL SIZES



Assystem is one of the leading engineering service providers for the Aerospace industry. The group operates as transnational first tier supplier in France, Germany, Great Britain and Spain with more than 3,500 specialists.

Over 500 certified engineers and technicians, and fully equipped offices in Hamburg, Munich, Bremen, Donauwörth, Rostock and Stade, place the German Aerospace division as a reliable and recognized top-level partner for companies of all sizes.

- Material expertise in classic metal, composite material and hybrid structures
- CFRP and GFRP material and research expertise in quality assurance, production investment and development of production methods
- Strategic supplier for retrofit, VIP & completion projects; support from validation and certification to approval
- EADS E2S preferred supplier for engineering services
- Airbus approved supplier for engineering services

OUR AEROSPACE SERVICES

Systems, Structure, Cabin Interior

The development of components, assemblies and system solutions; from pre-design to design engineering; construction, stress and fatigue. Including the supervision of series production, modification and certification.

System Design: From concept and design, through integration, to the creation of registration and certification documents for all electrical systems.

Structure Design: Stress/fatigue; primary and secondary structural components; design, calculation, sizing, optimizing, including the necessary creation of compliance documentation.

Customizing & Upgrade Services: New development, customizing or upgrading of components.

VIP & Completion: Conversion and upgrade of cabin interior and relevant systems of VIP-, business- and commercial aircraft.

Industrial Services

At the interface between design and production: Quality and project management, as well as production-related engineering services.

Manufacturing Engineering: Optimisation of manufacturing processes and production costs, material technology, production support and trouble-shooting.

Test Engineering: Test specifications, testing and test evaluation. Coordination and solution services (design and analysis).

Quality Management: Quality control, risk and problem management and implementation of new methods/standards.

Cross-border project management and service along the entire process chain; including the ability of global engineering, provide an ideal basis for the modern and competitive support of complex jobs.

The Aerospace service portfolio encompasses not only classic development applications in the areas of systems, structure and cabin interior, but also industrial services such as manufacturing engineering, project engineering, quality management, test engineering, certification support or quality & safety training.

BENEFIT FROM OUR SPECIAL EXPERTISE

- Detailed know-how and experience in complex projects
- Experienced partner for Concurrent Engineering
- Long-standing practice in global engineering with own offshore platforms
- Competence with OEM, MRO and RSP tools, systems and processes

SERVICE MODELS



In-House

Solutions via service contract or work contract at our premises



Global Engineering

Solutions via service contract or work contract at our offshore platforms



On-Site

Temporary personnel integrated via ANÜ or service contract in your teams

Project Engineering: Cost controlling, scheduling, process management and technical project handling.

Certification Support: Qualification of components to maturity phase. Certification support to approval.

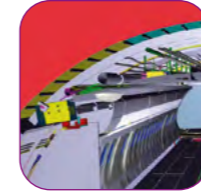
Quality & Safety Training: Practice-oriented training courses regarding management topics, technical topics, soft skills but also on European aviation safety rules and regulations.

Examples of successful project realisation

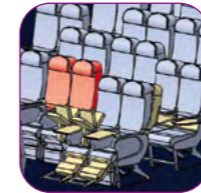
Single Aisle Flow Line concept for VTP. Technical and coordination interface for suppliers. Concept studies for new assembly line. Customer support for data interpretation, rating and decision making. Process analysis of assembly sequences in tooling concepts. Define the work flow and time schedule.



Cabin concept-electric: A380 freight version for „Mini-Passenger-Area“; up to thirty passengers and crew. Interface Management: monuments, cabin interior, structure, systems, electric. Consulting and concept planning. Concept models in 3D. Wiring diagrams, detail drawings and pre-designs.



Component modelling since 2004: Long Range und A380 program. Creation of Catia V4/V5 models and integration in customer VPM system. Modelling of PAX seats F/C, B/C und T/C seats incl. electrical equipment. Implementation of group's offshore platforms in Romania and India for data migration.



Conversion and upgrade of cabin interior and relevant systems of different VIP aircraft types. Specification, creation of the design documentation and construction instructions. Installation assistance on-site. Non Conformity Management. Documentation and certification support to approval.



Part of a worldwide network

A member of the Assystem Group; a leading international Engineering and Innovation Consultancy and key partner in the industry with more than 10,000 people worldwide.

Synergy effects

Assystem stands for integrated development expertise in the fields of Aerospace, Automotive, Turbo Machines, Energy & Plant Engineering and Electronic/Embedded Systems.

Complete services portfolio

Traditional development in the areas of design and analysis, as well as, quality and project management and production-related engineering services such as production control, material technology and test engineering.

Extensive resources and competencies

More than 1,200 highly qualified engineers and technicians at fully equipped Assystem locations in Germany together with the affiliated companies Berner & Mattner and SILVER ATENA.

General overall support or focused solutions

Project partner in the area of work contracts, contract staffing, service agreements or Global Engineering.

Successful global provider

Assystem meets demanding tasks in transnational project work; including involvement of internationally based company subsidiaries as required.

Proven quality

Certified according to DIN EN ISO 9001, EN ISO 9100 (aviation standard) and ISO 27001 (information security management).

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A NEW PATH TO GROWTH

