



Company Profile



Konzept
Informationssysteme



Tailored Software and System Solutions

Konzept Informationssysteme GmbH stands for high-quality and technically sophisticated IT services in the domain of advanced high-tech projects. We are the right partner for you when you need to develop reliable and high-quality solutions according to international standards. We are not specialized to a specific industry but cover a wide spectrum of domains. Our services involve all areas and phases of technical IT projects. They range from analysis and project planning through software development and quality assurance to consulting and training.

Competent

Our customers benefit from more than 25 years of experience in the implementation of demanding projects in the IT domain. We address big technical challenges with our know-how, state-of-the-art software technology and comprehensive methodical expertise. With our vast practical experience, high technical competency and the resources to solve particularly complex problems, we guarantee high-grade results to our customers.

Ambitious

Safety, quality and flexibility have become established requirements in software projects today. With our services, we support our customers in handling software projects efficiently and successfully. As a competent technological partner, we take responsibility for the success of their projects.

Scope of Services

- In-house product development covering hardware and software
- General contractor for cooperative projects
- Training, consulting and coaching
- Modelling and simulation
- Application development (GUI) also for touch displays and HMI's
- Database design, development and optimization
- Agile software development (DevOps, Scrum, Kanban)
- Intelligent networking of machines and systems
- Firmware and driver development
- Test management at unit, integration and system level (continuous integration)
- Digitalization (IoT, cloud computing, security, back-end and front-end solutions)
- Project execution with near/offshore cooperation
- Analysis and development of solution concepts and prototypes
- Quality assurance in all phases of development

Individual

Every project is different. Our experts cooperate with our customer to analyse requirements, objectives and framework conditions together and translate them into a solution concept. Our software and system engineers support the customer step by step in the development of best practices and solutions.



Konzept Informationssysteme at a Glance

Founded:	1994
Executive Officers:	Frank Häßler, Marco Moosmann
Headquarters:	Meersburg
Sites:	Bremen, Friedrichshafen, Kiel, Munich, Schrobenehausen, Ulm, Nuremberg, Rotkreuz CH), Rheintal (CH)
Employees:	Approx. 150
Business units:	IT services focusing on <ul style="list-style-type: none"> • Software development • Systems engineering • Verification and validation • Quality assurance • Security engineering • Training, consulting, coaching
Products:	Programmable Digital Current Regulator PERIGEE
Certification:	EN 9100:2018 DIN EN ISO 9001:2015
Standards:	RTCA/DO-178 and -278 IEC 61508 IEC 60880 ISO 26262 EN 62304 EN 50126 EN 50657 EN 50129 AUTOSAR, Automotive SPICE CMMI

Success Factors

- Long-term trustful collaboration with employees and clients
- Continuing education and training for our employees
- Successful projects ensured by reliability and flexibility
- High thoroughgoing quality standards
- Flat hierarchy and short decision-making paths
- Use of the most advanced methods and tools
- Sound industry-specific know-how, compliance with standards and directives
- Multiple inter-industry project experience
- Continuous transparency and precise profile database
- Thoroughbred quality commitment and a motivated and highly qualified staff

Sample Projects



Automotive

- Driver assistance systems – Active Safety
- Controller development and gateways for OEMs
- Active chassis control
- Platform for synthetic vehicle sound for electromobility



Avionics

- Flap control for Airbus and Boeing
- Common Remote Data Concentrator (CRDC) for Airbus
- Ground collision avoidance systems for Airbus A400M
- Auditing and approval support



Defence technology

- Control and stabilization systems
- Digital map devices
- Mission planning ground station
- Air raid defence and radar systems
- Computer-aided training



Energy systems

- Control devices for diesel engines in nuclear technology environments
- Power plant access control systems
- Smart grid controllers



Mechanical engineering

- Process data acquisition and analysis (SCADA)
- Industrial image processing for production control and quality assurance
- Machine-to-machine (M2M) communication
- Integration of heterogeneous components and systems
- Interfacing and cloud migration of existing systems



Medical technology

- Process definition and implementation
- Mobile test instruments
- HMI for medical technology devices
- Software development for minimally invasive surgery



Railway technology

- Simulation of driver's cab systems
- Safety and risk analyses
- Control device development
- Telematic systems



Space technology

- Simulation for satellite systems (e.g. payload)
- Checkout for satellites (e.g. for Galileo and Sentinel)
- Controller for autonomous spacecraft systems
- Onboard software
- Test systems