



Company profile



Konzept
Informationssysteme



Customised software and system solutions

Konzept Informationssysteme GmbH stands for high-quality and technically sophisticated IT services in the context of modern high-tech projects. We are the right partner when it comes to developing reliable and high-quality software solutions in accordance with international norms and standards. We do not specialise in just one sector, but cover a broad spectrum. Our services cover all areas and phases of technical IT projects. They range from analysis and project planning, software development and quality assurance to consulting and training.

Competent

Our customers benefit from more than 30 years of experience in realising demanding projects in the IT environment. We meet high technical challenges with expertise, state-of-the-art software technology and comprehensive methodological knowledge. With extensive practical experience, a high level of expertise and the tools to solve even the most complex problems, we guarantee our customers high quality results.

Security, quality and flexibility are the standards that have established themselves as benchmarks in software projects. With our services we support our customers in the efficient and successful realisation of software projects.

As a competent technology partner, we take responsibility for the success of your project.

Scope of Services

- Management of IT projects
- Requirements engineering
- System/software design and architecture development
- Embedded software development
- Safety-critical development (safety, IT security)
- GUI development for touch displays and other HMIs
- Digitalisation (IoT, cloud computing)
- Intelligent networking of systems (OPC UA, MQTT)
- Database design, development and optimisation
- Modelling and simulation

Individual

Every project is different. Together with the customer, our experts analyse the requirements, objectives and framework conditions and translate them into a solution concept. Step by step, our software and systems engineers help the customer develop the best approach and solution.

Concept at a glance

- Foundation: 1994
- CEO: Frank Häßler, Marco Moosmann
- Head office: Meersburg
- Locations: Bremen, Friedrichshafen, Kiel, Munich, Nuremberg, Schrobenhausen, Ulm, Ilmenau, Rheintal (CH), Rotkreuz (CH)
- Employees: about 150

Business areas

- Software development
- Systems Engineering
- Verification and validation
- Quality assurance
- Security Engineering
- Training, consulting, coaching
- Functional Safety
- USB driver development & certification

Products

- **APS** combines CRM & ERP for comprehensive business management from order data processing to e-invoicing and time recording.
- **PERIGEE** enables space project planning by implementing communication definitions in accordance with ECSS PUS-C.
- **Programmable Digital Current Regulator** - Customised and precise current curves for a wide range of applications
- **ProCuisiMe - Kitchen Monitoring Environment:** the new player in the Kitchen 4.0 ecosystem. For better process efficiency and lower energy costs.
- **MiOSys** For quick and easy implementation of test systems, rapid prototyping or test set up.

Our success factors

- Long-term, trusting relationships with employees and customers
- Continuous training of our staff
- Successful projects due to reliability and flexibility
- High quality standards
- Flat hierarchies and short decision paths
- Use of the latest methods and tools
- In-depth industry knowledge and application of norms, standards and guidelines
- Constant transparency and accurate profile database
- Motivated and highly qualified employees

Project examples



Automotive

- Driving assistance systems - Active Safety
- Control unit development and gateways for OEMs
- Control unit for active chassis control
- Platform for synthetic e-vehicle sound



Avionics

- Flight control electronics and data processors
- Ground collision avoidance systems for Airbus A400M
- Auditing and certification support



Energy systems

- Control units and engine management systems for large engines
- Database systems and platform development
- Access control systems for power plants



Marine technology

- Concept and realisation of an inverter for the navy
- Redesign of a marine automation component as general contractor focussing on device development, software and IT security



Mechanical engineering

- Process data acquisition and evaluation (SCADA)
- Industrial image processing for production control and QA
- Machine-to-machine (M2M) communication
- Integration of heterogeneous components and systems
- Connection and cloud migration of existing systems



Medical technology

- Process definition and implementation
- Mobile measuring devices
- HMI for medical devices
- Software development for minimally invasive surgery



Railway technology

- Simulation of driver's cab systems
- Safety and risk analyses
- Control unit development
- Telematics systems



Space

- Simulation for satellite systems (e.g. payload)
- Checkout and test systems for satellites
- Controllers for autonomous space systems
- Onboard software

| Certifications | Norms and standards | | | | | |
|----------------------|---------------------|-----------|----------|----------|------------------|------|
| EN 9100:2018 | RTCA/DO-178 & -278 | IEC 61508 | EN 62304 | EN 50126 | AUTOSAR | CMMI |
| DIN EN ISO 9001:2015 | IEC 60880 | ISO 26262 | EN 50657 | EN 50129 | Automotive SPICE | |