Software Development

Application Development | Individual Software | Consulting
modern. tailored. calculable. pragmatic. vendor-independent.

Your software and system landscape is your clear competitive advantage. That's because it supports your core business precisely there where it is most needed. It offers maximum process efficiency, is highly available, and scalable as required. And, it keeps step with the most up-to-date technological standards without compromising the work of users due to updates. Is that what you're dreaming of? Our experienced developers will turn it into reality – based on your requirements in a pragmatic, cost-conscious, and technologically advanced manner.

We are your partner throughout the entire lifecycle, whether you are modernizing your existing software landscape with special new components or you are ready to get a whole new system. As an established IT full-service provider, ConSol GmbH has provided software development services, operation, and maintenance at the highest level since 1984, including analysis, design, migration, and project management. Our IT services stand for cross-industry expertise, goal-oriented consultation, close customer relationships, and the joy of tackling technological challenges.
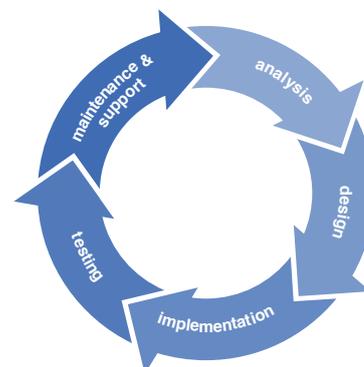
Stability and expertise: Software development with a vision for the future

- Vendor-independent consulting, technical openness, and open-source expertise: a clear view of your optimal solution
- Leaders in technology: Broad-based expertise, also in specialist fields
- Highly qualified and renowned developers: Dynamic training program and internal knowledge transfer through ConSol Academy
- Software development, hosting, and maintenance from a single source: Existing 24/7 infrastructure provides cost effectiveness for projects of all sizes
- Strategic partnerships: Direct access to the latest technologies
- An innovative corporate culture that has won numerous awards: Stable, highly committed project managers, in many cases over many years, thanks to a well-received personnel philosophy

Software Development and Application Management
tailored. full-service.

Don't feel like making trade-offs? We deliver tailored software with optimum support for your business processes. Special technical requirements? We're happy to address them. Our experienced software developers love projects of every size and scope!

Our particular strength can be seen in the **complete software lifecycle**. Our full-service IT portfolio is also available after your software has been put to use. We keep it in it top condition to make sure you enjoy **continuous benefits**!

Software architecture and Design

Carefully designed software is the basis for the success of a development project. This is why only the most qualified ConSol developers are your partners during this critical phase of your project.

- Experts in Java/JEE architecture and object-oriented design
- Extensive technical portfolio without any ties to a specific vendor
- Cost-conscious development: Access to existing open-source frameworks to the greatest extent possible
- Transparent description of the developed solution and proof of concept

Implementation and Rollout

We make your ideas realities in implementing your software. Results-oriented. Uncomplicated. Cost-conscious. And enthusiastic. We rely on agile approaches for methodical implementation and a close working relationship with you. A high degree of test coverage is important to us, so that we can make sure your software rollout is timely and smooth. We even developed Sitrus, an established open source tool for fully automated integration testing in large, complex system environments. Your software's capacity to be updated and routines for patches are issues we take into consideration during the development process.

Software maintenance and operation | managed applications | managed services

Who knows your final software better than we do? We are happy to assume responsibility for maintenance and operation to make sure your applications always function securely and reliably. Our specialists solve problems and bottlenecks quickly, flexibly, and with a personal touch. Our managed services allow you to outsource part or all of your IT management activities to the trusted hands of professionals who can maintain your IT operations either remotely or on-site.

- Tailored IT services: technical support, monitoring, migration, performance reviews
- 24/7 infrastructure with qualified, experienced contact persons
- ISO 9001-compliant remote operation infrastructure, including ITIL-compliant process handling

Consulting
honest. goal-oriented. practical.

Do you know your goal? We will lead the way, always keeping the bigger picture in mind. We collaborate with our **IT operations specialists** from the very beginning in making all the decisions regarding architecture. This helps us guarantee high availability and scalability for your system over the long term, which also avoids hidden costs. Always on hand: Cross-industry best practices from many years of project experience. Because it's all about the implementation.

Strategic and operative consulting from ConSol includes:

- Support for make-or-buy decisions
- Implementation-oriented, vendor-independent architecture consulting guided by the factors of economy, functionality, and investment security
- Systematic process analysis and optimization for more quality and efficiency in your processes

Projekt Management
agile. classic. on time. on budget.

Technical and functional interests need to go hand-in-hand? All relevant issues have been considered, through to ensuring your project is completed on time and on budget? **Don't let complexity intimidate you**! Our experienced project managers work closely with you to help you address every requirement. The decision about the most suitable project management methods is completely under your control.

ConSol Project Management means:

- Excellent knowledge of established project management methods
- Impressive expertise in the use of agile methods, such as agile project management with Scrum
- Careful project audits to analyze causes and develop suitable solution alternatives
- Proactive project management with clearly defined milestones (project plan, reviews)
- Goal-oriented, highly transparent, and flexible agile approach

Additional Areas of Focus
innovative. enthusiastic.

Our explicit goal is to be technologically ahead of the pack while on your side. For this reason we have our own research and development team and our employees actively participate in developer conferences.

Our competencies include:

- Application integration: EAI, SOA, BPM
- Development of applications in the field of Enterprise: Java EE
- Application development with specialization in web technologies: HTML5, AJAX, and Java Web frameworks
- Enterprise mobile apps – mobile business applications for iPhone, iPad, Android smartphones

Technology Partnerships
synergistic. committed.

While working together with our strategic partners, our focus is on their development projects. Because only a solution that responds to your particular business requirements can be the best one. We are working for you at the cutting edge of technology, with expertise in many important areas and an eye on the best possible alternatives – at the same time without being bound to a particular vendor.

- IBM: DB2, WebSphere
- Oracle: Database, Application Grid, (Oracle WebLogic), SOA Suite und BPM Suite
- Tibco: SOA, EAI, BPM software

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References & Success stories

*Development of an **SOA-based BPM** solution for the uniform handling of all business processes for a large telecommunications company +++ Development of a central IT solution for the entire lifecycle **management of test vehicles** for a major German automobile manufacturer +++ Development, maintenance, and operation of **point-of-sale (POS) applications** for an internationally active financial services provider +++ Development of an **integration layer as JEE application** for the web-based email and messaging platform of a major German communications company +++ **Fully automated performance and integration testing** with the self-developed test framework Citrus for an SOA-based smart metering platform +++ **More at www.consol.com/company/references***