

ConSol Development

You operate critical corporate applications, your IT infrastructure is complex and dynamic.

Our business is goal-oriented software development and customized solutions for your special needs.

We assume responsibility for end-to-end project management and supply comprehensive solutions. From start to finish and with subsequent service and maintenance. But we are also happy to take on partial projects or project management and coordination.

Technical competence, a perfect feel for quality and profound practical experience are our fundament. Our services include

- **Application development**
- **Consulting**
- **Software maintenance and operations**

We **focus** primarily on Java Enterprise solutions for critical corporate software and CGI solutions for Internet/Intranet applications on all platforms.

Our **tools** include mastery of all necessary technologies as well as middleware.

Our **plus** is supporting you long after our systems have gone live. With professional maintenance and our high-performance support center.



Consulting

For our software developers, consulting includes everything from project preparation and management to strategy and solution:

- Analysis and identification of weaknesses and potential for optimization
- Evaluation of architectures, technologies and software products
- Implementation recommendations: short-, mid- and long-term, always while considering costs and benefits

Maintaining manufacturer independence and putting our experience to work for you are our top priorities. After all, we have put theory into practice for years, and are committed to fulfilling our customers' desires and requirements. Our aim is developing practical, sustainable concepts that are just right for your individual needs.



Example: Reporting system for trading results

Our customer

is a major German bank which wanted to accelerate distributing the previous day's trading results and thus improve its customer service.

ConSol*

supported the bank on location - from designing the project, implementing test systems and switching to the productive system all the way to managing updates, using the bank's entire network and hardware structure. The original PC-based solution was shifted to a Unix server solution with an Oracle database. An Intranet interface was developed to maintain external customer data. This enables easy creation of reports, statistics and customer-friendly trading results as well as obtaining information from customers via e-mail, fax or the database-supported web information platform.

Results

Our customer was able to integrate all its company standards. Requirement changes that occurred during project execution were unproblematic. The outcome was increased efficiency and customer satisfaction.

Application development

Why go for individual software when there's a seemingly infinite supply of commercial products? Out-of-the-box solutions are rarely complete applications. They must be integrated into individual IT landscapes and often don't meet special requirements.

Developing customized software and demanding applications for corporate information systems is our specialty. We analyze problems and technical specifications, design, program and test the software solution, and subsequently implement and maintain it. All of our project teams are set up to best match employee qualifications to specific customer needs. Our strength is obtaining the most responsible, requirements- and results-oriented execution with the highest technological competence and precision.

Your benefits: long software life through individualized applications - and thus, higher ROI. No matter whether you replace old systems or integrate a customized application into any type of neighboring system.



Software maintenance and operation

We remain your partner long after completion of the consultation, design, implementation and testing phases. With the last phase of the software lifecycle: maintenance.

Fixing bugs and preventing errors in the first place go without saying. To us, professional maintenance also means improving performance and other attributes as well as making necessary adaptations to changed environments.

All in all, this amounts to software service and development that meets your requirements and those of your technologies or interfaces. Service that is likewise supported by ConSol's own high-end IT support processes as well as the know-how of ConSol's computer operations and administration specialists. Perfect service, especially for the increasing complexity of your critical applications.

Example: Fleet management

Our customer

is one of Germany's largest automobile manufacturers. The company needed IT support for the entire lifecycle of test vehicles - from needs determination to test planning, vehicle ordering, construction and use, to transfer, leasing and further use.

ConSol*

first developed a solution for vehicle usage, i.e. for requests and request verification as well as vehicle issue. A complex search of the entire fleet makes locating the suitable vehicle much easier. This solution was expanded by adding modules for vehicle ordering and test planning. Legacy modules like use of board assemblies were integrated in the existing application.

Results

Web services enable company-wide, high-performance searches of the vehicle fleet. Their establishment was a significant component in developing a service-oriented architecture. It also ensured that functions implemented once could be efficiently reused, for software development with lasting ROI.

Example: Telephone number administration

Our customer

is one of the four largest German providers of telecommunication services and needs supports in telephone number management, including number reservation, administration of land-line numbers and transfer of both mobile and land-line numbers when changing providers or moving.

ConSol*

developed some of the telephone number management systems used by the customer and maintains all applications in this area, including some systems by other suppliers. ConSol* is responsible for software maintenance, 3rd-level support including infrastructure and middleware diagnosis as well as for further development. In addition, ConSol* supports the customer in live operations. This requires precise knowledge of business transactions and regulatory provisions as well as of software infrastructure.

Results

Our customer's entire call-number management is in one hand. Synergies from development of know-how and incident management reduce costs. ConSol's IT Services business area guarantees the highest possible level of professional support.

Our primary focuses and technological know-how:

Our developers and consultants' extensive technological knowledge ensures the success of your projects. Evidence of our employees' technical qualifications can also be seen in the many articles and professional publications they have authored.

Platforms & Application servers

- All Unix/Linux and Windows platforms
- All Java application servers, especially BEA Weblogic, IBM WebSphere, Sun Java System AS, JBoss
- Portlet frameworks
- EAI solutions

Technologies

Especially

- J2EE (EJB, JMS, JSP, Servlets, JSF, struts etc.) and the corresponding technologies
- XML
- CORBA
- Transaction services (e.g. Tuxedo)
- Swing
- JDO, O/R-Mapper (TopLink, Hibernate)

Solutions

- Client-server solutions up to high-availability critical corporate applications
- Intranet and Internet applications (Java, Perl, PHP, ColdFusion, etc.)
- Data warehouse and reporting solutions
- Workflow concepts and solutions

Branches

- Telecommunications
- Automotive
- Financial services
- Small- and mid-sized enterprises of all types
- Public administration

Contacting ConSol[☼]

- ConSol[☼] Consulting & Solutions Software GmbH
Franziskanerstraße 38, D-81669 München, Tel. +49(0)89-458 41-100
- info@consol.de, www.consol.com