4tecture©

empower your
software solutions

Company Profile
4tecture GmbH

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Empower Your Software Solutions

The challenge of achieving a balance between quality, delivery date and cost leads to constant tensions during the software development process. We support you in managing this balancing act, helping to ensure that your team, processes and chosen technologies are able to stand up to requirements.

4tecture was founded by experienced software experts. Whether your challenge lies in application lifecycle management, software architecture or .NET and TFS training, we are just the partner you need! Team coaching is as integral to our range of services as the development of custom software solutions and products - for which we're more than happy to adopt a managed nearshore development approach. Simply put, we help you keep your projects in balance.

Application Lifecycle Management

Application Lifecycle Management (ALM) covers the entire lifecycle of an application – from requirements engineering and development to testing and delivery. For companies, it's beneficial to organise these processes and, as far as is reasonably possible, to automate them. Transparency regarding all aspects of a process is the foundation of any efficient organisation. We work with Microsoft's Team Foundation Server: an ALM Suite that covers all important areas of software development and unites them within one system. Our services in this segment include:

Installation & Implementation
to ensure an effective start to using Visual Studio and TFS

Education, Training & Coaching
for ongoing support in all phases via Visual Studio and TFS

Process Consulting
for optimisation of process workflows; quality assurance; test automation

Migration, Integration & Synchronisation
of existing systems (e.g. source control, bug tracking, requirements management)

Reliable software in short release cycles, with the Team Foundation Server as an application lifecycle management platform

The 4tecture ALM implementation process takes you from the design of an ALM platform to the fully implemented and optimised end product. With advice and training from our ALM experts, you'll obtain maximum use from your new platform in minimal time. As well as enjoying more efficient development, you'll also benefit from a better return on investment.

Design
Evaluation
→ Pilot testing
Installation → *Customization*
→ Implementation
Training
→ Rollout
Data migration
→ Project phase
Optimisation

Coaching

Training and Coaching

The possession of a sound, up-to-date knowledge base by your developers is a central factor for your project success – that's why we offer tailored training courses focusing on the most important know-how. We combine this knowledge with the sharing of practical experiences by our trainers, putting our training process a clear step ahead of conventional courses offered by our competitors. We impart sustainable knowledge and ensure you have the chance to amass practice-based know-how relating directly to your project work.

Our training process consists of three steps. Training takes the form of a carefully balanced combination of theory and practical exercises – ideal for establishing a solid knowledge base. When your team members return to project work, they have chance to implement what they've learned and will begin to encounter their first issues. In order that participants are able to gain maximum benefit from the trainer's experience, a subsequent workshop will be held to review these issues: participants will have chance to discuss the challenges of their application on a 1:1 basis and to draw up potential solutions. Beyond this, you can set up your team for maximum success by using our coaching service during your initial phase. This ensures that inevitable barriers are successfully managed and guarantees the successful rollout of your chosen technology.

Highly trained team members as a foundation for efficient, powerful and stable software.

.NET Services

Our specialists will support you directly during the software development process – whether on-site or in the form of managed nearshoring.

Architecture Consulting and Architecture Review
The right software architecture is critical to the maintainability, testability and further development potential of your software application. Good software architecture – that is, architecture that is "just right" and not over-engineered - is among the most important success factors for any good piece of software. Software architecture is the foundation of an application – that's why we're there to support you during the initial phase with our experience in building complex solutions. Discover hidden potential through a review of your existing software project – and if there are bottlenecks, we'll develop the right solution to get it running smoothly once again.

Cloud Computing
Scalability, stability and service-orientation are obvious advantages of cloud solutions over more conventional approaches. Whether you require a private or a public cloud model, we'll be delighted to show you what benefits cloud computing could have for your application in a Microsoft environment. We'll also identify the resources needed to make your architecture cloud-ready.

.NET Development / Managed Nearshoring
Do you require short-term reinforcement for your team, or want to develop part of your application externally? We'd be happy to prepare you a tailored offer for optimal support through our consultants or nearshore teams.

We look forward to hearing from you! Further information can be found on our website at www.4tecture.ch.

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