

Make your business more profitable by optimising how you use resources in your organisation. Zühlke helps you implement new scalable, high performance solutions or align your existing IT landscape.



Consulting Development Integration

# High Performance Engineering

## Why High Performance Engineering?

Although information technology (IT) has become very important in business today, many still see IT merely as a cost factor or a simple commodity. Instead, IT should be recognised as a value added resource. In order to add the most value, IT must perform correctly. Although performance often remains a relative measure, it can have a huge impact on your business results.

## Performance is a requirement

Several stakeholders consider performance an important requirement:

**End users** feel that the overall usability of the system is greatly improved and waiting time substantially reduced. This enhances their job satisfaction, improves their efficiency and boosts their motivation.

**Operations departments** have improved throughput and shorter processing times. They can use all the available resources to generate more business. **IT departments** see their resources used in the most efficient way: using less hardware, licences

and manpower means reduced operational costs. The driver is the optimised Total Cost of Ownership. Essentially, high performance engineering is 'Managing how IT systems consume resources'.

## Your Challenges

- Properly align business and IT
- Accurately define performance requirements
- Clearly identify where performance is critical
- Properly recognise constraints
- Correct use of technologies and products
- Appropriately staff projects
- Deliver the right level of quality

You need to address them properly in order to avoid failure.

## Why Zühlke

Zühlke has acquired extensive experience in high performance engineering and offers you the following dedicated services from a single source:

- We reduce gaps between processes and IT
- We meet requirements relevant to performance
- We optimise and align systems
- We design the correct architecture
- We choose ideal technologies
- We identify qualitative and quantitative metrics
- We set up performances tests

Moreover, we use various Zühlke frameworks and powerful tools to help you understand and control the competing forces which affect the expected performance of the final system such as security or usability.

Contact us if your organisation is interested to improve performance. Together we will devise a plan to better align your IT systems. We have the expertise and the experience you need to improve your IT landscape.



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