Blockchain Proof of Concept

The critical test of the scalability of your blockchain concept

DB

The feasibility study for your blockchain project

Proof of Concept is the test of your newly developed blockchain concept. This is used to demonstrate the practical, technical feasibility of the theoretical project and validate the critical requirements for the application. It also provides a good basis for decision making: costs can be estimated more accurately, risks minimised and selected requirements for the new application can be tested at an early stage of the project.

Test structure

In practice, the test proceeds as follows: the blockchain team at DB Systel, together with your input, creates a prototype that integrates with your business unit's data in an isolated, readily controllable environment – including a user-friendly UX design.

You can work with real data and process actual transactions in this controlled "sandbox environment". You will learn which business processes can be optimised using blockchain, which economies of scale can be applied and how the required security level can be achieved. Optionally, our blockchain team will also provide you an estimate of what the real business case will look like.

Our services

❚ Our consultants will work with you to analyse your blockchain use case.
❚ We will carry out a Proof of Concept for you in a controlled environment
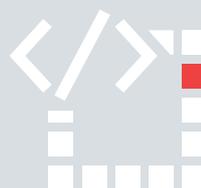
Validation of critical requirements and minimisation of risks

The advantages for you:
❚ Validation of your use case
❚ Implementation and analysis of the functional content of your use case
❚ Estimation of performance, costs, speed and scalability

Blockchain in a nutshell

Blockchain is regarded as a fundamental technology for the safe exchange of values. It consists of a "chain" of data packets that cannot be altered retroactively as they are protected by encryption. The data chain is stored decentrally on a large number of computers.

Each participant receives and processes information that is constantly synchronised in order to track and preserve the history of all transactions. This allows information to be protected in the blockchain in a transparent, tamperproof way.

DB Systel

Moving the digital future. Together.

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