Cyber Security

Architecture review for technical infrastructures

Initial situation

The starting point of the architecture review is a detailed analysis of your company's existing IT infrastructure. This includes the technological components, existing documentation, current performance and current security measures. This analysis serves as a basis for identifying weak points and potential for improvement.

Objectives

Together, we define the desired results and the added value for your company. These can include, for example, more efficient utilisation of resources, greater security, cost reduction, scalability or adherence to compliance requirements. The objective defines the focus and enables a measurement of success.

Approach

- Needs analysis and target definition: Start of the project with a detailed discussion of the customer's requirements and expectations. Definition of concrete goals and KPIs.

- Data and document analysis: Collecting and reviewing documentation, configurations, logs and reports on the existing infrastructure.

- Technical analysis: A comprehensive check of the hardware, software and network components to identify weak points and bottlenecks.

- Security assessment: Review of security measures, identification of vulnerabilities and recommendations for improving security.

- Performance evaluation: Evaluation of infrastructure performance in order to recognise and eliminate bottlenecks or performance problems.

- Compliance review: Ensuring that the infrastructure complies with legal requirements and industry standards and recommending measures for compliance.

- Recommendations for action: Preparation of a detailed report with specific recommendations for optimising and modernising the infrastructure.

- Implementation plan: Development of an implementation plan that defines the priority measures, time frame and responsibilities.

- Implementation and monitoring: Supporting the customer in implementing the recommended measures and regular monitoring to track progress.

- Conclusion and report: Final evaluation of the implemented measures and preparation of a final report that presents the achieved benefits and the fulfilment of the objectives.

This process model ensures that the architecture review for technical infrastructures is carried out systematically and purposefully in order to achieve the best possible results for the company.

Your benefit

- Increasing efficiency by optimising the infrastructure

- Reduced costs by identifying inefficient use of resources

- Improved safety by eliminating safety risks

- Improved competitiveness due to a modernised infrastructure

- Fulfilment of regulatory requirements and protection against sanctions (compliance guarantee)

- Efficient use of resources reduces environmental impact

- Solid data for long-term IT strategies

- Provision of a flexible infrastructure for future growth or new technologies