IT Security Management

ISMS Gap Analysis

An integral part of a company's value creation chain, the information technology infrastructure is exposed to a constantly growing and changing variety of risks ranging from virus and hacker attacks to system failures. These risks may sustainably impair the operation of business processes, which is why the IT must be protected in such a way as to reduce the security risks to an acceptable level, and, at the same time, ensure economic efficiency. In this context, it is essential for a company to assess the current security level in regular intervals, derive improvements, and implement them consistently and consequently.

Objective

A no-obligation gap analysis performed by plan42 provides you with a valuable status overview of both your organisational and technical security controls. This allows you to

- identify IT security weaknesses within your organisation, and

- implement targeted controls where they are most efficient.

Procedure Based on ISO 27001

ISO 27001 is an internationally accepted IT security standard. Based on best practices, it describes which IT Security Management processes and controls need to be implemented to ensure standardised and secure IT infrastructure operation. Following the ISO 27001 framework and in cooperation with your IT personnel, we determine the conformity and maturity levels of all your current security controls. To do so, we use the following methods:

- Interviews by means of pre-defined questions
- Random on-site inspections
- Spot checks of documents and data

For each security-relevant area, there are specific sets of questions that also cover organisational as well as personnel aspects.

Questionnaire Content

The gap analysis questionnaire covers the following areas:

- Management
- Organisation/personnel
- External service providers
- Incident/alarm management
- Disaster recovery
- Account management
- Central servers and IT services
- Process control systems
- Workstation systems and mobile computers
- Data networks
- Telephone systems (branch exchanges)
- Physical infrastructure
- Security awareness

When preparing the gap analysis, we discuss with you the above areas and help you define which of their topics are relevant for each of your business locations.

Result

A comprehensive report describes your current security status compared to the ISO 27001 standard and provides no-obligation recommendations for the optimisation of your IT security.

Based on this information you are in a position to establish and develop ISO 27001-compliant processes and measures – optimised from both a technical and economical point of view. Our certified ISO 27001 consultants are happy to assist you with the selection of tool-based solutions or with the certification of your IT security organisation on the basis of ISO 27001.

plan42

plan42 is a consulting firm specialised on IT Service Management, IT Security Management & Business Solutions. Process analysis, consulting, conception, and implementation – plan42 combines technical expertise and best-practice concepts of IT Service & Security Management.