Security audit and functional audit of business systems

IT Risk Advisory Services

Did you know that risks originating from unrevealed IT deficiencies can affect your company's financial performance and income?

Are you confident that your enterprise's business processes and supporting IT systems are free of such functional or security deficiencies?

Under the pressure of compliance and for the sake of development organisations keep integrating new solutions into their IT systems. Thus these systems become more and more complex which may lead to glitches that go undetected. These may imply serious IT security risks, posing a real problem from the business side, too (e.g. revenue and profit loss due to data leakage or reputational damage, increasing expenses resulting from IT security incidents). In the course of functional and security audits KPMG identifies security risks of the in-scope systems in scope and any gaps between the existing and the required functionalities.

Do the following issues sound familiar to you?

– The number of security incidents and the costs of handling them are trending upward.

– The operation of your organisation's IT systems only partially meet the requirements, while the actual underlying problems remain hidden.

– Even automated processes require regular human interaction, and this generates extra costs.

– As the firm's systems have not been audited, you have doubts regarding the reliability of stored data.

– Reports and statements generated by the company's IT systems do not always provide a true portrait of the actual situation.

– You need to verify to third parties (authorities, business partners) that your firm's business-related IT systems comply with regulations and policies.

How can we help?

The elements of KPMG's service portfolio covering the fields of security and functional audit help your company to resolve the aforementioned issues. We endeavour to provide the services outlined below in a way that is customised to our clients' needs.

In the course of a security audit

– We review the security settings of the information systems and uncover risks and control deficiencies that endanger data security.

– We identify vulnerabilities of the applied IT systems.

– Our customised solutions enable the mitigation of risks that arise from system complexity.

In the course of a functional audit

– We review whether the information systems operate in accordance with predefined business logic.

– We identify areas which do not comply with either efficiency or business requirements. Thus we help your company achieve its goals more efficiently.

– We review the design and operating effectiveness of application controls.

After we have performed our review we suggest risk-proportional safety measures so that your organisation can handle the identified information system deficiencies.

What advantages do we bring?

Security audit

– As independent auditors we can verify to supervisory authorities that your company's IT systems are operating properly.

– Through our services you can significantly increase the level of information security, without unnecessary overregulation of the IT control environment.

– Your organisation can reduce the probability of suffering financial losses due to accidental or deliberate mistakes or external malicious attacks.

– As we have performed numerous legal compliance reviews, we are familiar with the audit and regulation-interpreting practice of supervisory authorities and carry out our services accordingly.

Functional audit

– You can quickly and efficiently increase the control of business processes in your enterprise's IT systems and ensure that the operation complies with the organisation's regulations.

– We evaluate the in-scope systems' application controls along aspects assembled on the basis of your individual needs.

– With the solutions we provide to remedy functional deficiencies you can reduce extra costs arising from manual troubleshooting.

– Being aware of systems' functional deficiencies, it is easier for the management to take decisions on further developments or on an eventual replacement.

Our recommendations and deductions respect the individual characteristics of your organisation, so that they can be applied easily.

Depending on your firm's needs you can request our services individually or in combination as well.

If our service offering has aroused your interest, you can contact us for further details via the following contact information.

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