# Social Engineering Audit and Security Awareness Programme

KPMG Technology Assurance

Did you know that people who are easily misled most often comprise the weakest link in regards to information security? Are you convinced that employees at your company are sufficiently aware of the importance of information security?

All companies and establishments possess data that if made public or modified without permission would have a negative impact on the organisation. What we've seen is that people who handle and use such data are often not aware of the misleading techniques they can fall victim to, nor the fact that even seemingly unimportant pieces of information given to an attacker can significantly contribute to a successful attack against the organisation. In the light of this it is not easy to identify risks posed by human beings, nor to assess the degree of information security awareness and permanently maintain it above the acceptable threshold.
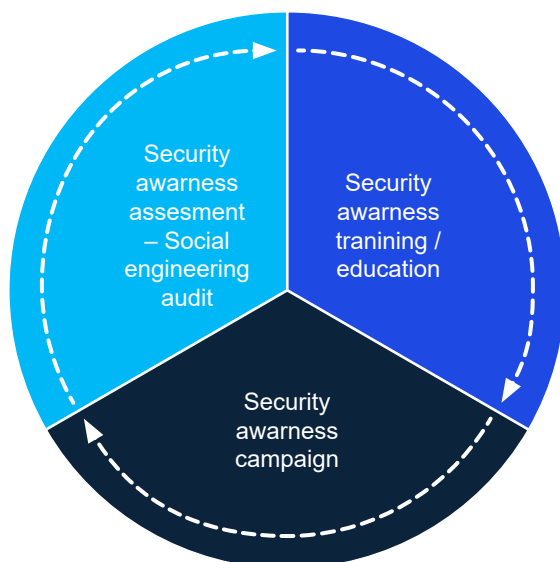
Do the following issues sound familiar to you?

- Your co-workers' knowledge on information security is insufficient or not practice-oriented enough. There is a danger that they might open infected files or fall victim to phishing.

- You are concerned that you might encounter your enterprise's confidential information on social media platforms.

- You are not sure how you could prevent your company's employees from leaking sensitive information (e.g. passwords) in phone calls.

- Your co-workers often dispose of confidential documents using the bin for general waste.

- You are afraid that unauthorised people may be able to enter your company's premises and appropriate assets or get access to confidential information.

How can we help?

KPMG's service offering in the areas of social engineering and security awareness helps your enterprise to test the effectiveness of internal information security controls. Our services are available both individually and in packages tailored to your company's needs.

Security awarness assesment – Social engineering audit

Security awarness tranining / education

Security awarness campaign

Social Engineering audit: Such a review is a well-tested method for assessing the level of information security awareness of employees. In the course of the audit we try to exploit the human factor to test the effectiveness of the implemented security controls. We assemble our customised audit programme on the basis of the most common methods of attack and the underlying security awareness deficiencies.

Our social engineering audit may include:

- general information gathering;
- assessment of building entry possibilities;
- activities carried out while staying unauthorised in the building: appropriation of assets, gaining access to confidential information, installation of keylogging software;
- impersonation attacks via telephone calls;
- waste bin inspection;
- site inspection;
- phishing;
- bringing in infected files;
- leaving abandoned data carriers in the office.

Security awareness training, preparation of training materials: The aim of a security awareness programme is to provide employees with information on the company's security policies and regulations, as well as to increase their awareness of the importance of safety measures they are expected to comply with. We draw attention to the techniques of attackers who can target employees. We can also share the results of our social engineering audit. When assembling our training programme we concentrate on delivering relevant information to the various groups of people at your company (common employees, management members and those who are responsible for the operation).

Security awareness campaign: Besides regular trainings it is important to maintain constant vigilance; an effective way to do this is to organise a campaign for reminding employees of the most important safety information on a daily basis. We are able to prepare such a security awareness campaign tailored to your company's needs.

What advantages do we bring?

- We test under real circumstances how the company's regulations operate in practice; during our audit we use automated audit methods and simulated social engineering attacks as well.
- After we have formed a picture of the maturity of the company's security through our social engineering audit, we make suggestions regarding improvement steps and their priority.
- Via a combination of our service elements we can not only assess security awareness at your company and increase it to a pleasing level, but we can also help you keep it at a sufficient degree.
- Our services help your enterprise significantly decrease the possibility of data theft and appropriation of pieces of information stored on data carriers.
- Our training programme delivers to each group at your company helpful and relevant information on security awareness.

If you feel these issues are relevant to your business, please contact us for further details:
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