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Tutorial: Information security

The risk of business secrets or customer data falling into the hands of fraudsters has never been greater. Financial damage and an enormous loss of reputation threaten to destroy everything you've built up. Careless employees leave the door wide open for hackers to infect the corporate network with malware. Infiltrators spread across the entire corporate network, bringing business operations to a standstill. In short: Danger lurks everywhere!





Learning units for information security

Only when employees are fully aware of the potential hazards and know how to properly safeguard information can companies survive in an ever-more digitalized economy. The [information security](#) tutorial lays the foundation for this and heightens employees' awareness of the significance of this issue during their everyday working lives. With the help of practical case studies, users become familiar with the most prevalent threats to information security and how to respond to them in the right way.

You will need approximately 3 hours to complete the tutorial.

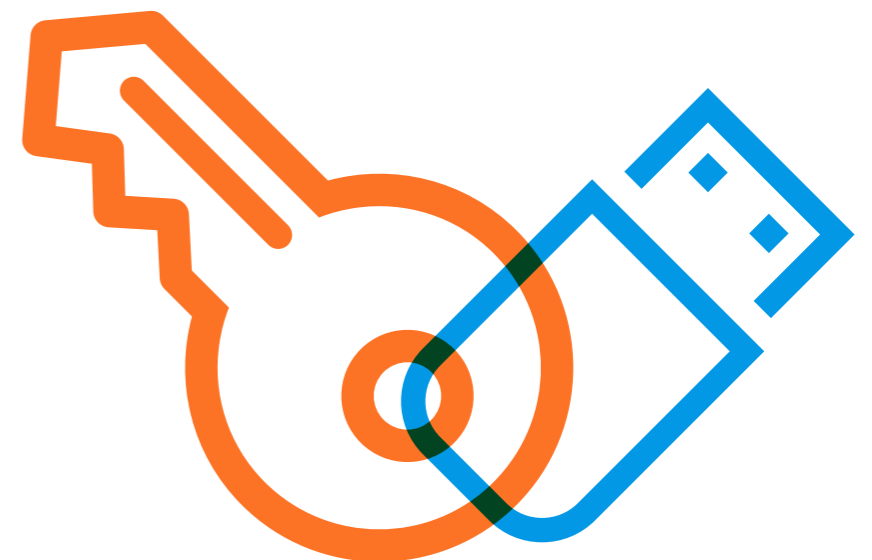


Introduction and general overview

- How do I operate this tutorial?
- Data and information that need to be protected
- What do information security, IT security, cybersecurity and data protection actually involve?
- Protection objectives, protection requirements and the classification of information
- Who is responsible?
- Final test: General overview

Forms of cybercrime

- Overview of the many forms of cybercrime
- Notorious incidents
- Social engineering
- Final test: Forms of cybercrime





Learning units for information security

Authentication, authorization and access protection

- What do authentication, authorization and access protection actually involve?
- Need-to-know and least-privilege principle
- Passwords
- Clean desk policy
- "Bad USB" – The "found" data stick
- Access control – Behavior toward unfamiliar people in the company
- Printers and photocopiers
- Final test: Authentication, authorization and access protection



Learning units for information security

Safe surfing

- Internet browsers and websites
- E-mail
- Secure transmission of data to third parties
- Data exchange and communication within project teams
- Social media
- Final test: Safe surfing



Mobile and on the road

- Working in public
- Networks
- Use of third-party devices
- Loss of devices and storage media
- Mobile devices
- Final test: Mobile and on the road





Languages

The tutorial is available in the following languages:

- ✓ English
- ✓ German
- ✓ Other languages available upon request

System requirements

- Processor: greater than 1.0 GHz (1.5 or higher recommended)
- RAM: at least 512 MB (1 GB or higher recommended)
- Screen resolution: at least 1366x768 (or higher), 16-bit color depth
- Multimedia hardware: 16-bit sound card, along with loudspeakers or headphones
- Operating system: Windows Vista (SP2, 32-bit), Windows 7 (SP1, 32 or 64-bit), Windows 8/8.1 or Windows 10
- Browsers: Internet Explorer 9, 10, 11 or Edge 25 on Windows 10, Firefox 54/55, Safari 10.1 (on Mac OS X 10.12.4), Chrome 59/60 (due to security reasons, no local content can be played under Chrome), JavaScript and session cookies activated

We're happy to help!

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