

→ Solution Developer

→ IT Security Coordinator

Short description

IT Security Coordinators design appropriate IT security solutions based on valid technical standards, laws, and regulations, support their implementation, and continually adapt them to current situations.

Work area and tasks

IT Security Coordinators consult and support management, partners, and customers with regard to IT security. They design appropriate security solutions based on the valid technical standards, laws, and other regulations, and support their implementation. Together with professionals of various areas and on various levels, they develop solutions [organisation, personnel, infrastructure, hardware and software management], consult on implementation, and document implementation.

IT Security Coordinators analyse network- and workplace-specific risks and weaknesses, develop organisational and technical security concepts together with the responsible professionals, and develop guidelines and rules on information security. Taking into account new products and the economic situation, they implement and introduce IT security measures and develop risk-minimising measures and innovative security procedures. They train and sensitize users.

Reference process (chart on the back side) →

Profile-Typical Work Processes

- | | |
|---|---|
| 01. Maintaining the IT security | 11. Setting up the basic protection model |
| 02. Participation in contract drafting in the IT area | 12. Comparison of the existing and desired conditions in the individual departments |
| 03. Representing the company in security questions | 13. Specification of a measurement plan |
| 04. Sensitizing of the employees for IT security | 14. Presentation of suggestions to persons with decision-making authority |
| 05. Supporting the partners in security-technological measures | 15. Planning of the implementation |
| 06. Mutual information concerning modifications | 16. Support the implementation |
| 07. Consulting on concretisation of security goals | 17. Training of the users |
| 08. Drafting of security guidelines | 18. Carrying out of functional inspections |
| 09. Carrying out IT structural analyses | 19. Documentation of the complete IT security process |
| 10. Determination of protection needs in the individual departments | |

Characteristic Areas of Competency

The ability to perform the profile-typical work processes requires varying degrees of proficiency in the following areas of professional competency. The competencies are assigned various levels of knowledge and ability and a range of typical methods and tools.

» Profile-specific competencies requiring routine knowledge:

Information technology: networks, protocols, operating systems, applications,
 System and network modelling,
 Security requirements and solutions,
 Security monitoring, protection strategies and methods,
 Legal framework, data protection,
 Encryption,
 Economic practicability analyses,
 Project specification, monitoring,
 Risk management.

» Group-specific competencies requiring in-depth proficiency:

System analysis, modelling, development, integration,
 Development standards [performance, security, availability, innovation],
 Engineering processes,
 Analytical methods, strategies, patterns,
 Design methods,
 Quality standards, network-based thinking
 Economic practicability analyses,
 Understanding of the market,
 User-oriented problem analysis, solving,
 Project planning and management,
 Moderation.

» Universal competencies requiring fundamental proficiency:

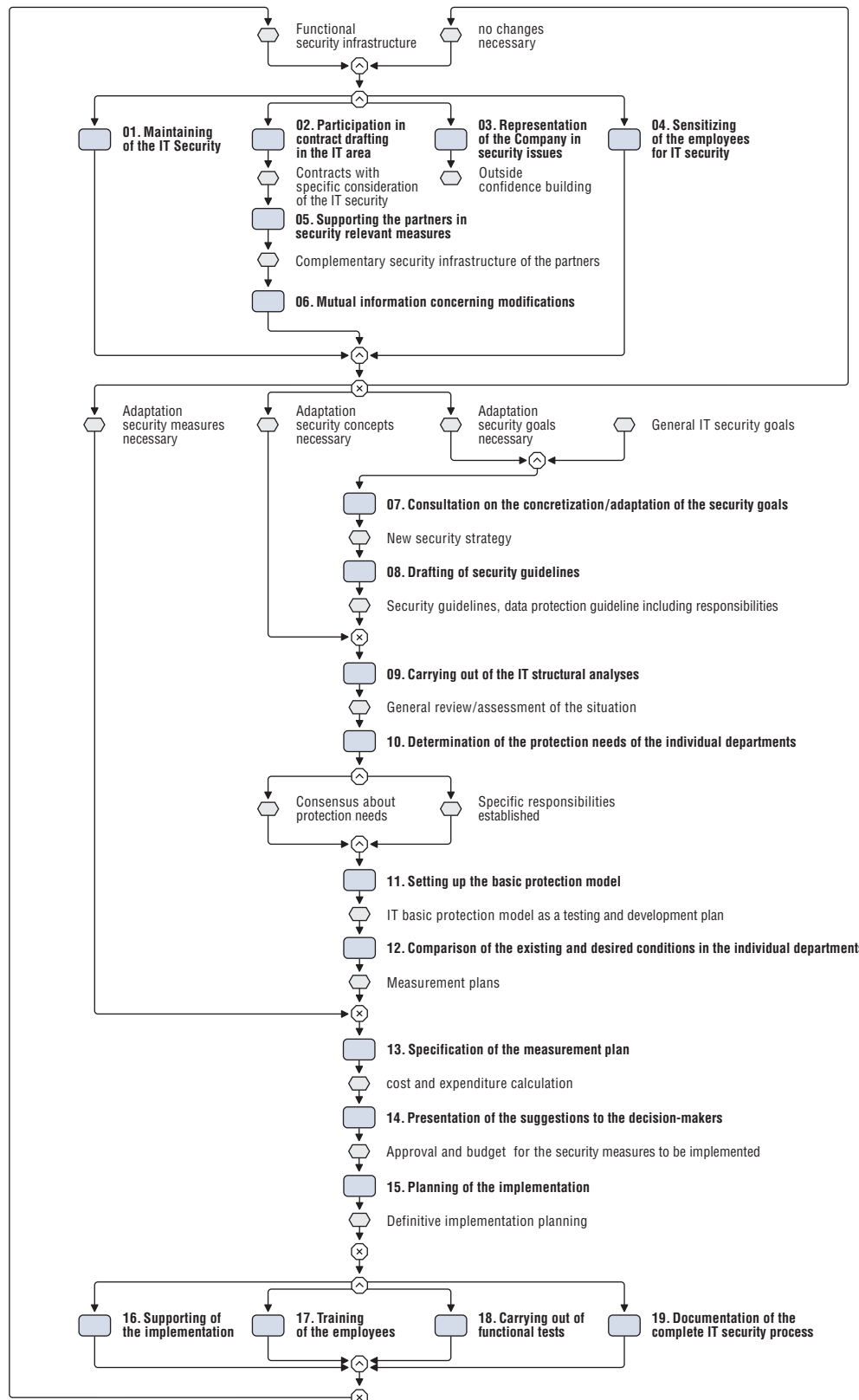
company objectives and customer interests,
 problem analysis and solution,
 communication, presentation,
 conflict recognition, resolution,
 foreign-language communication [English],
 project organisation, cooperation,
 time management, task planning and prioritising,
 act economical,
 self-teaching, learning organisation,
 innovation potentials,
 data protection, security,
 documentation, standards,
 quality assurance.

Qualification requirements

In general an adequate level of qualification on the basis of relevant job training or job experience is required.

Solution Developer
IT Security Coordinator

Reference process of an IT Security Coordinator



SOLUTION DEVELOPER >> IT SECURITY COORDINATOR >

LEGEND

- activity/subprocess
- event: release activities or subprocesses and is their outcome
- interface to co-operators
- AND relation
- OR relation
- XOR relation ("exclusive OR", enables only one of the associated process paths)