

„House of IT Security“: Framework for IT Security Health Check and Continuous Improvement of Company-wide IT Security Level

grosse-hornke

Private Consult

Top Management Sponsorship for IT Security

I

Outsourcing Security

- Cloud application life-cycle mgmt. process
- Cloud access security brokerage (CASB)
- Cloud identity & access mgmt. (C-IAM)
- Incident mgmt.
- Security audit mgmt.
- Outsourcing security guideline mgmt.
- Secure infrastructure
- Sec. operation center
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II

Incident Management

- Data loss & leakage protection
- Security operations center (SOC)
- Cyber crisis mgmt.
- Cyber crisis exercises
- Management of cross-company incidents
- Secure platforms for file-sharing
- Organizational/ role concepts
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III

Vital Systems Protection

- Mgmt. of vital system security
- Dashboards for vital systems
- Access control permission reviews
- Penetration test
- Vulnerability scans
- Code reviews
- Redundancy/ backup mgmt.
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IV

Sensitive Data Protection

- Secure messaging/ encryption
- Secure file sharing
- Mapping sensitive data/ data storage protection
- File & folder encryption
- Encryption test runs
- Password & access mgmt.
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V

“IT Production” Hardening

- Back-ups/ recovery plans for key systems
- Authentication mgmt./ password mgmt.
- Server reinforcement (secure code, hardening, patches, vulnerability scans, ...)
- Application lifecycle mgmt. (ALM)
- Internet access points mgmt. (IAP)
- ...

Integration into HR management

Awareness for IT Security & Change Management

IT admin training

Communication/ awareness & training

Security passports

Process improvement

Security trainings

False phishing campaigns