Grosse-Hornke "House of Cyber Security"

Framework for health check and continuous improvement of company-wide cyber security level (February, 2022)

Top Management Sponsorship for Cyber Security

Outsourcing Security / Cloud

- CLOUD APPLICATION LIFECYCLE MANAGEMENT PROCESS
- CLOUD ACCESS SECURITY BROKERAGE (CASB)
- CLOUD IDENTITY & ACCESS MANAGEMENT (C-IAM)
- INCIDENT MANAGEMENT
- SECURITY AUDIT MANAGEMENT
- OUTSOURCING SECURITY GUIDELINE MANAGEMENT
- SECURE INFRASTRUCTURE
- SECURE OPERATION CENTER
- …

Incident Management

- DATA LOSS & LEAKAGE PROTECTION (DLP)
- SECURITY OPERATIONS CENTER (SOC)
- CYBER CRISIS MANAGEMENT
- CYBER CRISIS EXERCISES
- MANAGEMENT OF CROSS-COMPANY INCIDENTS
- SECURE PLATFORMS FOR FILE-SHARING
- ORGANIZATIONAL / ROLE CONCEPTS
- …

Data & Information Protection / AI

- SECURE MESSAGING / ENCRYPTION
- SECURE FILE SHARING AND DATA STORAGE PROTECTION
- FILE & FOLDER ENCRYPTION
- ENCRYPTION TEST RUNS
- PASSWORD & ACCESS MANAGEMENT
- CLASSIFICATION OF DATA
- AI DRIVEN DATA ANALYSIS
- REAL-TIME SERVER MONITORING (INCL. INCIDENT MANAGEMENT)
- REGULAR EVALUATION OF LOGFILES
- …

Vital Systems Protection

- MANAGEMENT OF VITAL SYSTEM SECURITY
- DASHBOARDS FOR VITAL SYSTEMS
- ACCESS CONTROL PERMISSION REVIEWS
- PENETRATION TEST
- VULNERABILITY SCANS
- CODE REVIEWS
- REDUNDANCY / BACKUP MANAGEMENT
- AUTHENTICATION MANAGEMENT
- …

"IT Production" Hardening

- BACK-UPS / RECOVERY PLANS FOR KEY SYSTEMS
- AUTHENTICATION MANAGEMENT / PASSWORD MANAGEMENT
- SERVER REINFORCEMENT (SECURE CODE, HARDENING, PATCHES, VULNERABILITY SCANS, …)
- APPLICATION LIFECYCLE MANAGEMENT (ALM)
- INTERNET ACCESS POINTS MANAGEMENT (IAP)
- …

CROSS-FUNCTIONAL INTEGRATION IN ORGANIZATION

Awareness for Cyber Security & Change Management

INTEGRATION INTO HR MANAGEMENT	COMMUNICATION/ AWARENESS & TRAINING	SECURITY PASSPORTS	PROCESS IMPROVEMENT	SECURITY TRAININGS	FALSE PHISHING CAMPAIGN	IT ADMIN TRAINING

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