

# Portfolio 2007

## IT SECURITY AUDITS

---

Audit, Evaluation, Review, Revision, Checking, Analysis

### Quick Checks

- Penetration Test
- Vulnerability Assessment
- IT Security-Check
  - small – medium – large
- IT Security Framework Check

### Infrastructure-Analysis

- OS-Level Security
- Middleware Security
- Network Security
  - Firewall-Audit
  - VPN & Remote Access Check
  - IDS & Response Check
  - Client-Server Audit
  - Antivirus Strategies
  - Encryption Audit
  - Wireless Access Audit

### Application-Analyses

- Applications
  - Input-, Output-Validation
  - Transaction-Flow Analysis
  - Data Integrity Tests
  - Application Tests
  - Risk Analysis & Risk Evaluation
- Back Office
  - Back Office Application Test
  - Back Office Management Audit
- General Control Audit
  - Change Controls
  - Security Controls
  - Configuration Management
  - Release Policy
  - Lifecycle Analysis

### Technology-Analysis

- Technology-Audit
  - Configuration Analysis
  - System Audit

Conformity Check

## **Logical Access Audit**

- Identification & Authentication
  - Password & Logon Audit
  - SSO Audit
  - Secure Authentication Audit

- Authorization
  - Audit Mobile Technologies
  - Remote Access & Third Party Audit
  - Audit Trails-Logging-Monitoring

## **Portal & Platform Security Audit**

### **Evaluation**

- Information Security Management
- Disaster Recovery & BCP
- Business Processes
- IT Service Management (ITIL) Processes
- Cobit, IT Goals
- Availability Analysis

## **IT Structural Analyses & Documentation**

---

## **IT SECURITY MANAGEMENT**

---

Consulting, Development, Audit, Workshop, Review, Coaching, Awareness

### **IT Security Strategy**

Quick Check  
Development

### **IT Policies & Regulations**

Policies  
Guidelines  
Procedures

### **IT Security Concept**

### **IT Security Teams**

Security Incident Response Team  
Security Team  
Risk-Management Team

### **Awareness & Coaching**

Security Management Program  
Security Awareness Training  
Subject Workshops

### **Implementation of Security Management**

Roles & Responsibilities  
Change Controls  
Security Checks  
Data Classification  
Reporting  
Security Incidents

### **Risk Treatment**

Risk Analysis & Tools  
Risk Assessment  
Risk Management

### **Standards & Certification**

Quick Check  
Certification Preparation

---

## **IT GOVERNANCE**

---

Consulting, Planning, Audit

### **Modeling of IT Strategies according to Business Strategies**

#### **Risk-Analyses**

BIA

#### **Risk-Management**

#### **IT Control Frameworks**

Cobit, ITIL, 7799, 27001

#### **External Revision**

---

## **Establishing of Processes**

---

Consulting, Planning, Audit

### **Disaster Recovery & Business Continuity**

BIA

Recovery Points & Strategies

BCP Components

Evaluation: Offsite Storage

Reviews of Contracts and Insurance Coverage

### **Business Process Evaluation and Risk Management**

Business Process Development

Audits and Evaluation

Risk-Management Programs and Methods

IT Governance

IT Strategy Committee

Risk-Management

ITSEC Governance

### **Security Management**