

# INFORMATION SECURITY MANAGEMENT



## ISMS – Information Security Management System

**ISMS** based on internationally recognized standards ISO/IEC 27001 and ISO/IEC 27002, is a **proven way** to ensure and manage information security and integrate it into a company's management system.

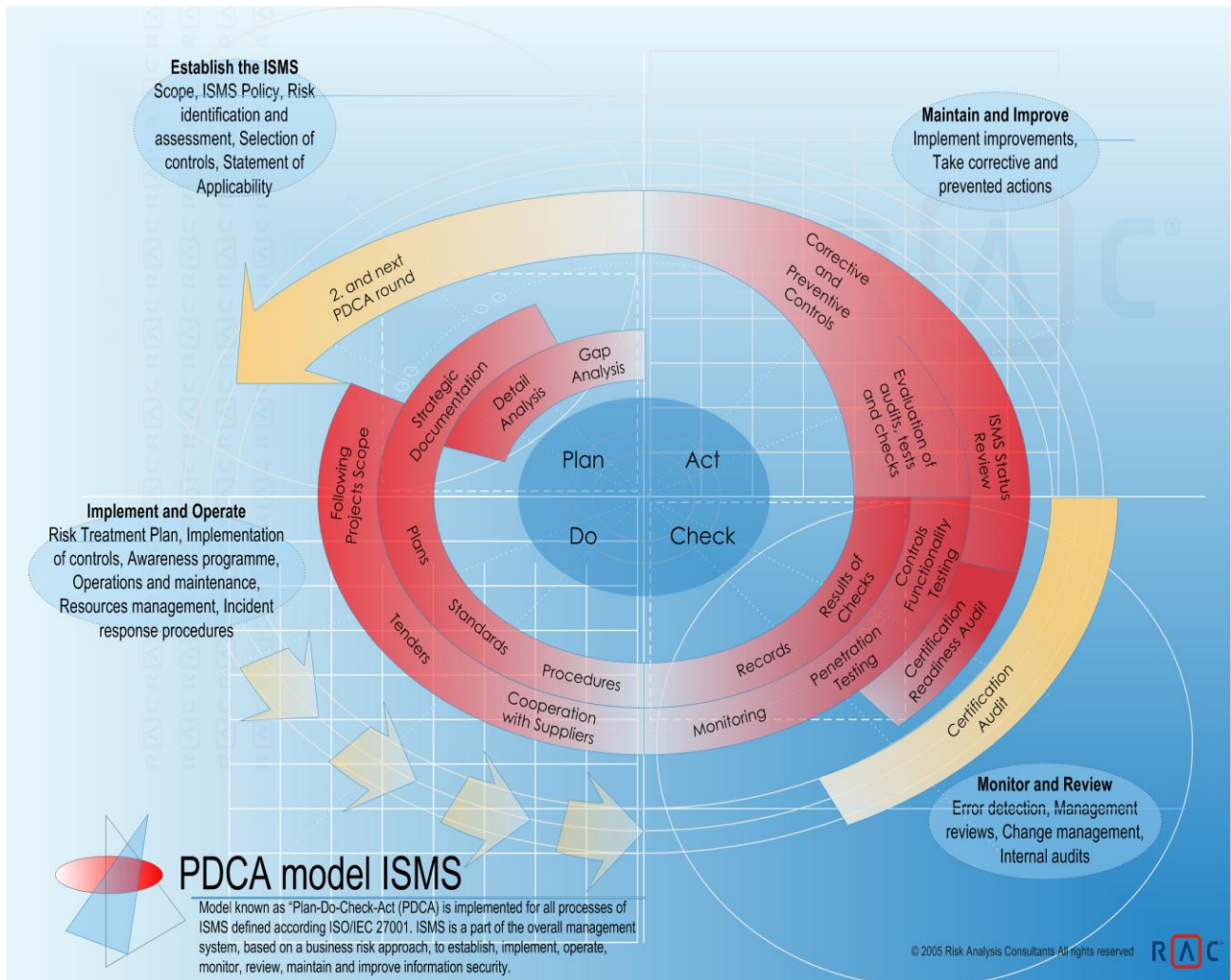
The fact that company processes are highly dependant on information systems and technologies is considered to be an information security risk. The goal of ISMS is to **proactively manage** those **risks**.

ISMS can be certified in the same way Quality Management Systems are (according to ISO 9001). **Certification** can be done both separately or as part of the Integrated Management System. The certificate, issued by an independent authority, creates a **competitive advantage** in the form of potential **client and business partner trust**.

ISMS based on ISO/IEC 27001 and ISO/IEC 27002 provides a complete description of information security and therefore is becoming an important source of security requirements at the European Union level. Further ISMS is using a very practical approach and that is why it is an **effective way to build and manage information security**.

### ISMS Highlights

- ▶ *Promotes a process approach based on the Deming Cycle Plan - Do - Check - Act*
- ▶ *Is fully compatible with QMS and EMS and is able to be integrated with those systems and to share their common sources and tools (e.g. Document Management System)*
- ▶ *Is a part of the overall management system which stresses the importance of information as a business asset*
- ▶ *Incorporates the best practices of information security*



## ISMS Deliverables

- Effective and efficient information security risk management
- Significant improvement of effectiveness of investments spent on ensuring desired information security level on the basis of risk knowledge
- The alignment of information security requirements with business objectives and goals – security from the business needs perspective
- Competitive advantage through information security assurance - „A ticket for business“
- Boosting the organization’s credibility for its partners and clients, protection of its reputation and established brand
- Oiling the wheels of compliance with legislation (e.g. Data Protection Act)
- The process approach for managing organization’s information security, its continual improvement and improving the organization’s management processes
- The increase of information security awareness across organization
- Effective management of information security incidents
- Preparation for emergency events due to business continuity planning

## RAC “made-to-order” ISMS

- The analysis of current organization’s environment and information security status
- ISMS scope and ISMS policy design
- The proposal of information security organization as well as its related roles and responsibilities
- The system design of documentation structure
- Conducting risk analysis and evaluation
- Selecting controls for risk treatment
- Preparing of the Statement of applicability
- “Make-to-order“ documentation
- Developing information security controls implementation plans
- Training of personnel, auditors and information security managers
- The procedures of information security incidents management
- The establishment and implementation of business continuity planning process
- Setting up the process of measuring the effectiveness of ISMS
- Preparing management review of ISMS
- The support of internal ISMS audits including proposal of corrective and preventive actions

## RAC Capabilities

- Consultants with extensive expertise and professional certifications
- Excellent references including the first Czech ISMS certification
- Translations of ISO/IEC 27002 and 27001 into Czech language, adopted as Czech national standards
- CRAMM methodology for risk analysis while still being able to use different methodologies
- Implemented an Integrated Management System, Det Norske Veritas has certified the QMS part according to ISO 9001:2000 and the ISMS part according to ISO 27001:2005 under British accreditation by UKAS
- Company and its consultants have Security Clearances issued by the National Security Authority



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Risk Analysis Consultants is a Czech based professional provider of information security services and solutions. We have assisted organizations from government and commercial sectors in protecting their information since 1995. We are the only firm exclusively specialized in the information security field in the Czech market, and one of the few in Europe as well as the world.



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