

The *electronic quality and security management system - e-QM* is an effective solution for planning and norm-compliant implementation of *Information Security Management Systems (ISMS)*. Expenditures of audits and preparation for certification will be reduced noticeably.

e-QM software offers all necessary tools for conversion to these standards and is an optimal platform for certification.

e-QM lays the foundations for continuous development and integration of an information security management system into all fields of a company. As an effective information and communication platform e-QM is an excellent instrument for realisation of the ISO standards and it is the optimal basis for certification. Together with e-QM you will be able to reduce your administrative efforts together with the costs. Therefore an implementation of e-QM is a pay-off, independent of a single location or a company maintaining several locations. Consistent support by information technology leads to legal and audit reliability, is cost-efficient and caters for lived quality in the whole company.

e-QM Security Management

With e-QM, security managers control development of Information Security Management System (ISMS) - the core of standardized requirements. At the same time, e-QM is used to define and control tactical activities. By fulfillment of the continuous quality improvement cycle (PDCA cycle), supported by the controlling and audit system features, the system allows a quick and economical way to certification.

As a security portal, e-QM is a high performance information and communication platform ensuring security awareness for managers and employees, in medium-sized businesses and several locations.

Additionally to ISO 27001, e-QM also supports other standards like ISO 9000, EFQM or ITIL (ISO 20000).



The solution e-QM has been approved as ISO 27001 compliant by TÜViT Germany. TÜViT is the most famous German certification body and one of the leading international IT security auditors.

Essential system elements

e-QM provides instruments for organisational and technical analysis. This reduces the expenditure and increases the efficiency in early phases of ISMS realisation projects.

Different features can be used for acceptance, documentation, transition of business processes and for integration of results within the e-QM. Furthermore, definition of an organization's IT network, performance of structural analysis and definition of protection requirements are possible. With the results of this analysis, e-QM system makes it possible to determine organization's asset and perform risk analysis leading to computation of the risk factor.

An important control factor of Information Security is structure and efficient maintenance of Information Security Policy in form of efficient information and control system. Standard requirements for composition, version control, quality assurance and publication of regulations or policies in a security manual are fulfilled with use of editorial workflow.

With inclusion of security procedures in e-QM, further important communication requirements are fulfilled, including system-supported documentation of obligatory reporting and special instructions.

Implementation of an ISMS, and therefore introduction of security management into everyday business life offers readily available and secure documentation of reports, proofs and minutes.

Standardized features of archiving and versioning, in connection with extensive log options, make the e-QM system secure, management-capable, norm-compliant and simplifies the certification process.

For execution of audits and preparation of certification an audit-modul containing all Annex A controls is available. The list of controls can be supplemented flexible.

Functionality overview

IT-Structure Analysis

- ❑ Assessment of the IT infrastructure, e.g. according to BSI GSHB
- ❑ Connection between elements
- ❑ Overview and evaluation
- ❑ Analysis of security needs
- ❑ Diagnosis of elements needed to be secured
- ❑ Historical comparison
- ❑ Process and development trends

Analysis of business processes

- ❑ Process evaluation and documentation
- ❑ Integration of flow charts
- ❑ Categorisation of structures and assets

Risk Analysis

- ❑ Assessment of assets
- ❑ Analysis of weak points
- ❑ Determination of threats
- ❑ Evaluation of probability and extent of damage
- ❑ Computation of risk factor
- ❑ Evaluations and reports

Information Security measures

- ❑ Definition of measures based on risk analysis
- ❑ Allocation of deadlines and responsibilities
- ❑ Controlling and monitoring
- ❑ Individual document management for each mandant
- ❑ Individual selectable categories and subcategories
- ❑ Advanced search and sorting functionality

Analysis

- ❑ Definition, measurement and evaluation of results
- ❑ Provision of assorted records for comparison
- ❑ Process and development trends
- ❑ Support of manual collection of information

Audit Management

- ❑ Internal and external audits
- ❑ Audit catalog with ISO 27001 controls
- ❑ Extension, creation of additional audit catalogs
- ❑ Connection with ISMS elements
- ❑ Audit assistance

Documentation

- ❑ Documentation of all policies and regulation concepts
- ❑ Documentation of process analysis results
- ❑ ISO-conformed version control and archiving
- ❑ Certification-conformed editorial workflow
- ❑ Access control

Document management

- ❑ User-related document administration
- ❑ Individual categorization and rights administration
- ❑ Support of all standard file formats

my e-QM

- ❑ Centralised place for individual services
- ❑ Reminder functionality
- ❑ Integration into the operating cycles
- ❑ References to changes in manual
- ❑ Tasks per user or per user group

System basics

- ❑ Individual authorization administration
- ❑ Multi-level editorial workflow
- ❑ Automatic versioning and archiving
- ❑ Operation of all functions in Web Browser
- ❑ Comfortable search function (full index of office and PDF files)
- ❑ PDF export of individual documents or chapters
- ❑ Information portal (News, Events)
- ❑ Communication platform (Forum)
- ❑ Library for maintenance of additional rules and standards, links to the web
- ❑ Help function
- ❑ Central Administration

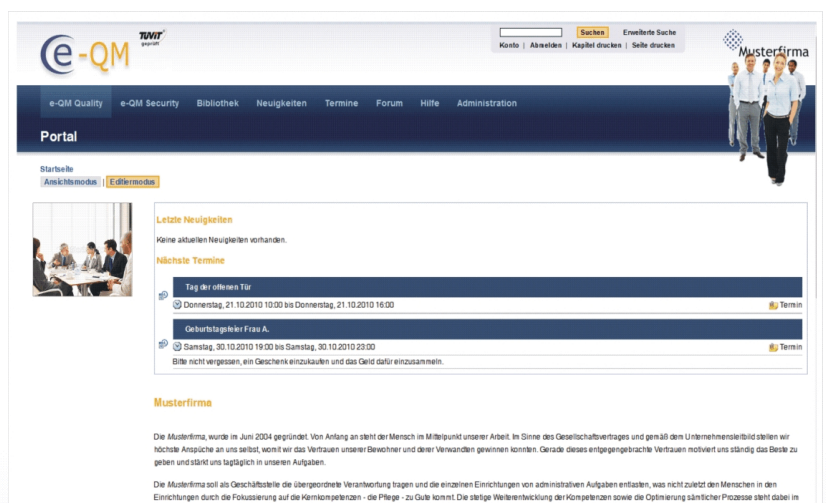


Fig.: Portal with aggregation of news and events