QSEC®
DIE SOFTWARE

ISMS and GRC according to international standards and methods

„WMC - Best in Class is not a coincidence!“

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WMC
Wüpper Management Consulting

Implementation consulting

ISMS, GRC & data protection software

QSEC®

Sectors

20 years' experience
- Consulting
- Project Management
- Process Management

12 years' experience
- Software development
- Software maintenance
- Implementation of an IMS

Bundesamt für Sicherheit in der Informationstechnik

SecurITy made in Germany

GDD MITGLIED
GESELLSCHAFT FÜR DATENSCHUTZ UND DATENSICHERHEIT e.V.

Microsoft Partner | Silver Application Development

WIRTSCHAFTSRAT Deutschland

Goals of GRC, ISMS und DSMS

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1. Cost optimization
2. Hedging company values
3. Risk reduction
4. Reduction of liability
5. Image gain and competitive advantage

better manage

- Proof of responsible action
- Optimization of investments
- Reduce the cost of certification and re-certification

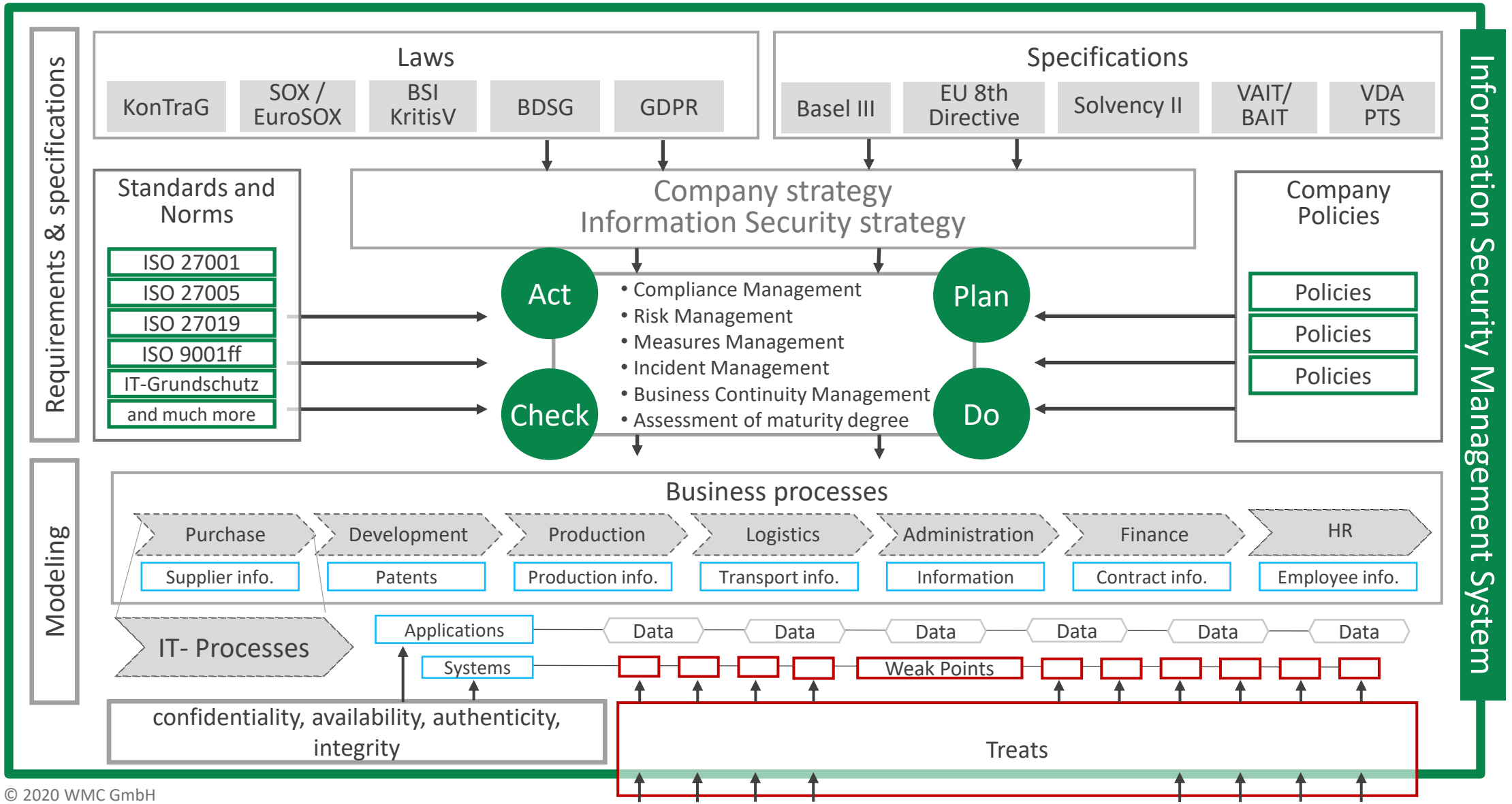
better protect

- Risk transparency
- Implementing appropriate activities against threats
- permanent improvement of process and information security

perform better

- Standardized and automated procedures
- Valid, consistent, comparable data collection
- Optimize effort
- Improve quality and efficiency

Laws and standards in interaction with business processes and IT assets



QSEC® - ISMS and data protection + IMS functionality

Your system „all-in-one“!

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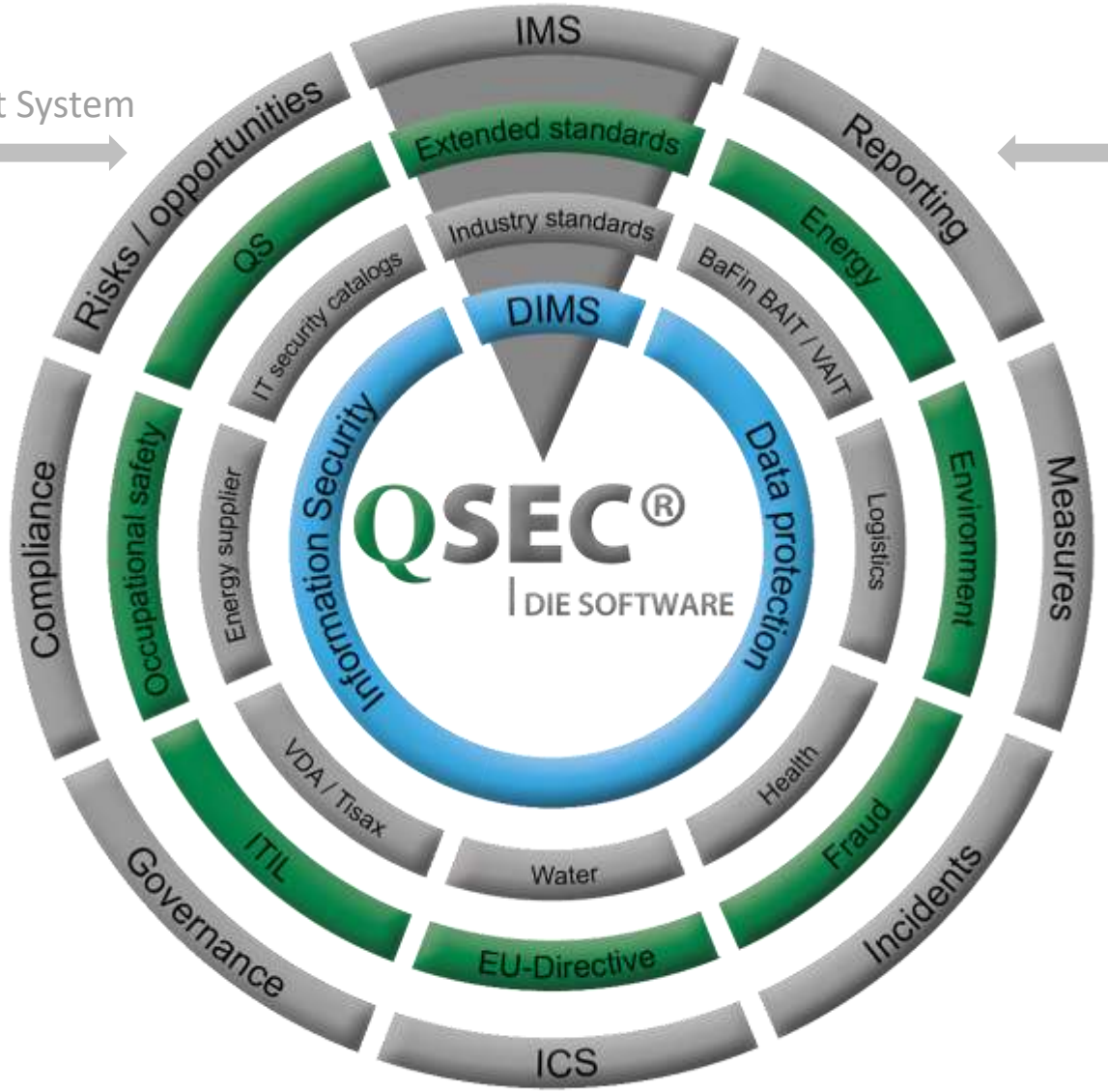
Your Management System

with added value



QSEC® - Multi-Norm Compliance

All ISMS and industry-specific IT requirements are supported sustainably!

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Reduction of liability

Securing corporate values

Risk reduction

Image improvement/ competitive advantage

Cost optimization

QSEC® - Results

- comprehensive
- sustainable
- cost-saving

QSEC® - Multi-Norm Compliance

Essential standards by industry

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Water

Information Security

ISO 27001
ISO 27005
ISO 22301
B3S Wasser
EU GDPR
BSI IT-Grundschutz

Compliance

ISO 9001
ISO 14001
ISO 20000
DIN ISO 45001

Logistics

Information Security

ISO 27001
ISO 27005
ISO 22301
EU GDPR
BSI IT-Grundschutz

Compliance

ISO 9001
ISO 14001
ISO 20000
DIN ISO 45001
Tapa
ISO 28000
Zoll

Healthcare

Information Security

ISO 27001
ISO 27005
ISO 22301
B3S Healthcare
EU GDPR
BSI IT-Grundschutz

Compliance

ISO 9001
ISO 13485
ISO 14001
ISO 20000
IEC 80001

Energy

Information Security

ISO 27001
ISO 27005
ISO 22301
ISO 27019
IT security cat.
EU GDPR
BSI IT-Grundschutz

Compliance

ISO 9001
ISO 14001
ISO 20000
DIN SPEC 27009
DIN ISO 45001
DIN ISO 50001
Smart Meter
Gateway

Trade

Information Security

ISO 27001
ISO 27005
ISO 22301
EU GDPR

Compliance

ISO 9001
ISO 20000
PCI DSS
DIN ISO 45001

Industry

Information Security

ISO 27001
ISO 27005
ISO 22301
EU GDPR

Compliance

ISO 9001
ISO 14001
ISO 20000
DIN ISO 27009
DIN ISO 45001
VDA TISAX

Finances

Information Security

ISO 27001
ISO 27005
ISO 22301
EU GDPR
BSI IT-Grundschutz

Compliance

BaFin BAIT
BaFin KAIT
BaFin VAIT
BaFin MaRisk
Basel II
ISO 20000

Authorities

Information Security

BSI IT-Grundschutz
ISO 27001
ISO 27005
ISO 22301
EU GDPR

Compliance

BSI-standard 200-1
BSI-standard 200-2
BSI-standard 200-3
BSI-standard 100-4

QSEC® - integrates data protection and information security

DIMS - data-protection-, information-security-management system

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information security

business processes

information

assets

risk management

office infrastructure

ISM (Information Security Management); no legal requirements

established specifications:
- ISO/IEC 27001 & ff
- BSI
- …

KRITIS

IT-Sicherheitsgesetz 2015 production environments

established specifications:
- ISO/IEC 27001 & ff
- BSI

data protection

procedures

personal data

assets

risk management

General Data Protection Regulation (GDPR)

- shall apply fron 25 may 2018
  - standardised, european data protection law
  - immediate
  - replaces national regulations
  - obliges business and public administration

QSEC® - integrates data protection and information security

DIMS - Data-protection-, Information-security-Management System

QSEC®
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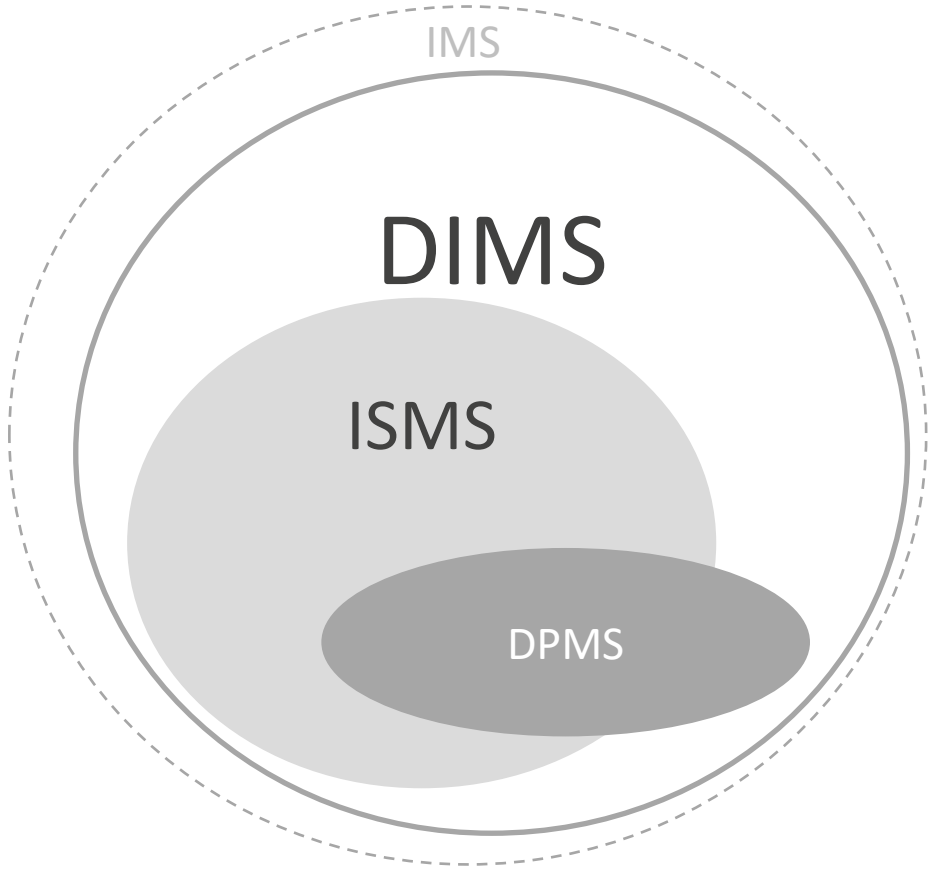
information / personal data

- confidentiality
- integrity
- availability
- data protection relevance

protection needs

related



business processes / procedures

- business processes
- privacy-related business processes
- service processes

protection needs

assets

DPMS = Data Protection-Management-System DIMS = Data protection-Information security-Management-System ISMS = Information-Security-Management-System

QSEC® - modules

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Task-Manager / Workflow Manager

Assessment

Compliance

Risk

GDPR

Security-Incidents

Measures

Documents

Reporting

Dashboard

User mode

Wizards (Prozess-Workflow)

Information Assets

Master Data

Service Provider

Admin

Business Continuity BIA

Business Continuity BCM

Working according to IT-Grundschutz with the BSI extension

Catalog Tool (KEP)
(Catalog creation, maintenance tool)

Administration Tool

QSEC® interfaces
Mail system, Asset Management (SAP, Spider), AD, Ticket system (SAP, helpLine)

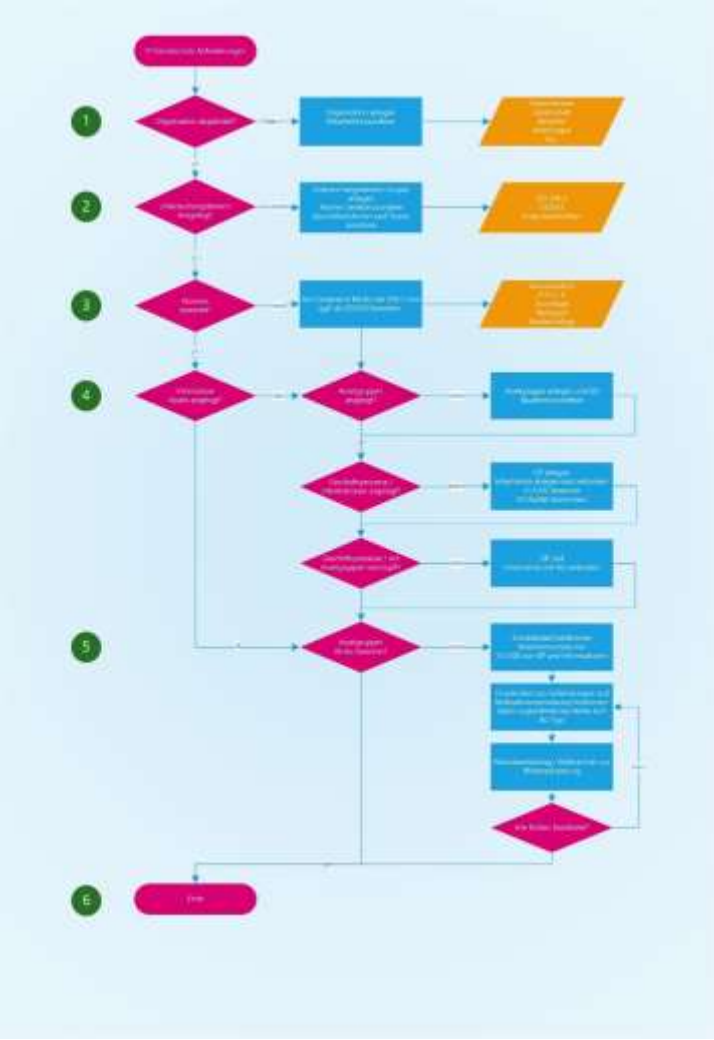
Core Server, Common platform, Permissions

COLOR CHART
- Color backgrounds: availability within the **QSEC®** -

QSEC®ENTERPRISE | **QSEC®GRC** | **QSEC®** Erweiterungen

BSI IT – Grundschutz

Methodical procedure according to the IT - Grundschutz catalogs



1. Mapping of the organization in QSEC
2. Determining the scope
3. Assessment of IT-Grundschutz Catalog 200-2
4. Capture of Information Assets
5. Assessment of asset groups / risk assessment

Lizenzierte IT-Grundschutz-Inhalte
Bundesamt für Sicherheit in der Informationstechnik

QSEC® is named by BSI as an alternative to GSTOOL and is thus suitable for implementation the BSI standards and IT-Grundschutz catalogues.

BSI IT-Grundschutz and ISMS according to ISO 27001

Complete parallel operation of the IT-Grundschutz and the ISO / IEC 270xx requirements

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IT-Grundschutz

- Determining the organization and scopes
- Capture of IT with structural analysis
- Capture of business processes and information
- Storage of component catalogues
- Risk analysis based on the hazard catalogues and the implemented measures
- Risk level assignment with gross and net risks
- Measure catalogues completely integrated
- Document management / Security Incidents …

ISO/IEC 27001

- Determining the organization and scopes
- Capture of IT (grouping) with structural analysis
- Capture of business processes and information
- Assessment of maturity degree and SoA report
- Risk analysis based on threats and vulnerabilities
- Risk level assignment with gross and net risks
- Measure catalogues completely integrated
- Document management / Security Incidents …

Critical infrastructure water industry

- Implementation of the requirements of water industry based on IT-Grundschutz
- Special features of the risk methods

Critical infrastructure energy utility

- Implementation of the requirements of the Bundesnetzagentur (Federal Network Agency)
- IT-Sicherheitskatalog and ISO 27019

QSEC® - Workflow – Wizard Technology

Guided process support

Requirements

- Simple, self-explanatory operator guidance
- Low training costs
- Description and explanation of process steps
- Guided working method
- Useable without expert know how
- No unintentional quit of working process
- Start via Link possible

Wizards

- Interview Wizard
- Interview transfer Wizard
- Compliance Wizard
- Measure Rating Wizard
- Risk Assessment Wizard
- Security Level Wizard

Example: process steps for the interview wizard

ISO interview with a process owner in a business area

QSEC® - Workflow - Task Manager

Task support via email

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Requirements

- Simple, self-explanatory user guidance
- No training costs for workflow participants
- Guided workflow setup by experts
- Mail confirmation, / processing outside of QSEC via mail
- Usable without expert knowledge
- No unintentional quitting of the process
- Start via click on link

Task - Workflows

- Exception permit
- Action confirmation
- Approval of measures / change of measures status
- Risk acceptance

available

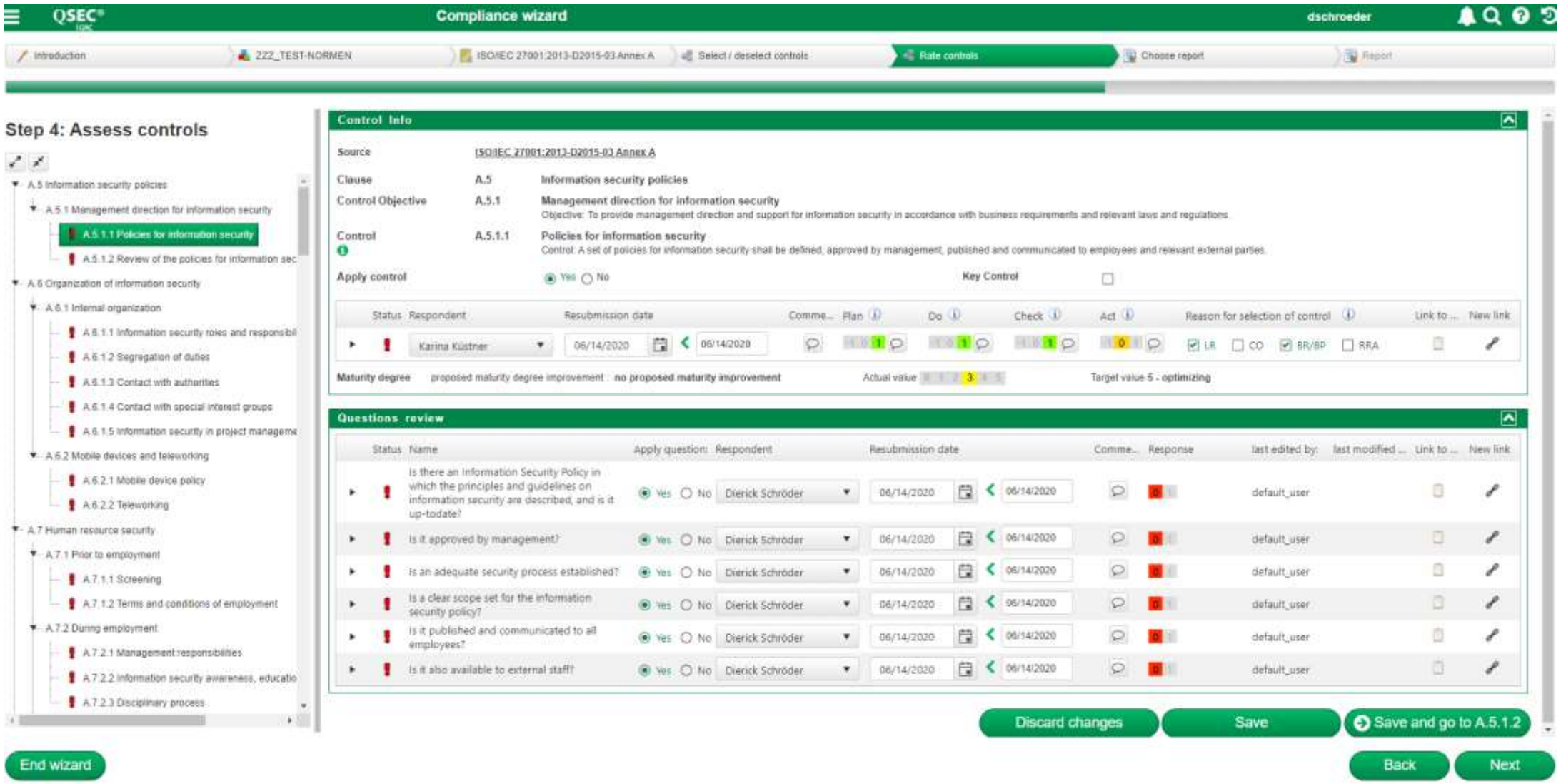
- Individual workflow processing
- New, individual workflow creation
- Individual form integration

Example Task - workflows measures release

Screenshot

QSEC® - Screenshot Version 6.5

Compliance Wizard



QSEC® - product variants

QSEC®
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QSEC®EASY EXPRESS

ISMS for medium-sized companies

› Compliance Management
› Measures Management
› IT-Risk Management
› Security Incident Management
› Document Management
› Reporting
› Master Data
› Data Protection (GDPR)

Uncomplicated use based on an annual license

QSEC®ENTERPRISE

Information Security Management System

› Compliance Management
› Measures Management
› IT-Risk Management
› Security Incident Management
› Document Management
› Reporting
› Master Data
› Data Protection (GDPR)
› Catalogue creation and maintenance tool
› Administration tool

Single and full licenses

QSEC®GRC

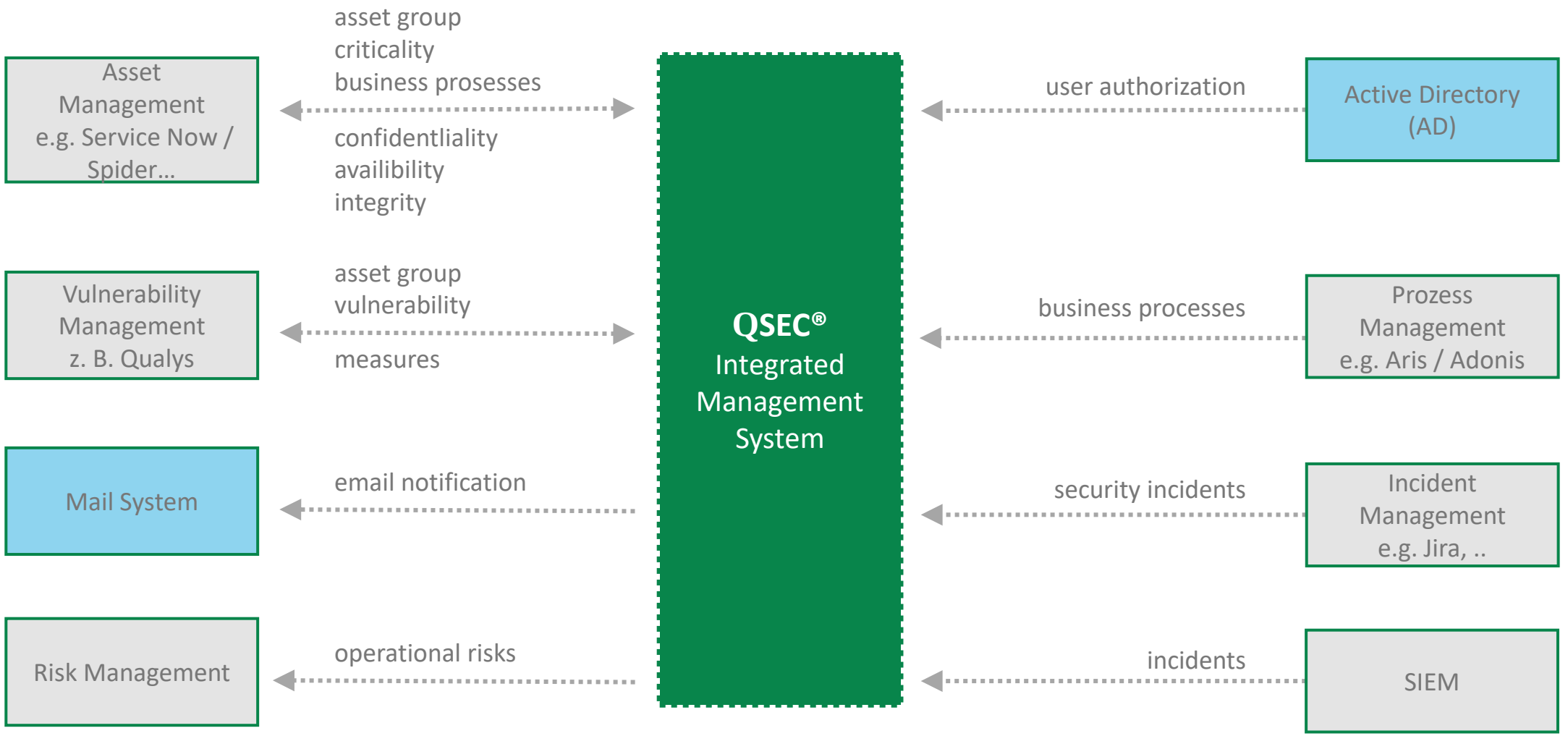
Governance, Risk, Compliance –
ISMS incl. BIA/BCM

The same features as **QSEC® Enterprise**
+ module
› Business Continuity Management / Business Impact Analysis

Single and full licenses

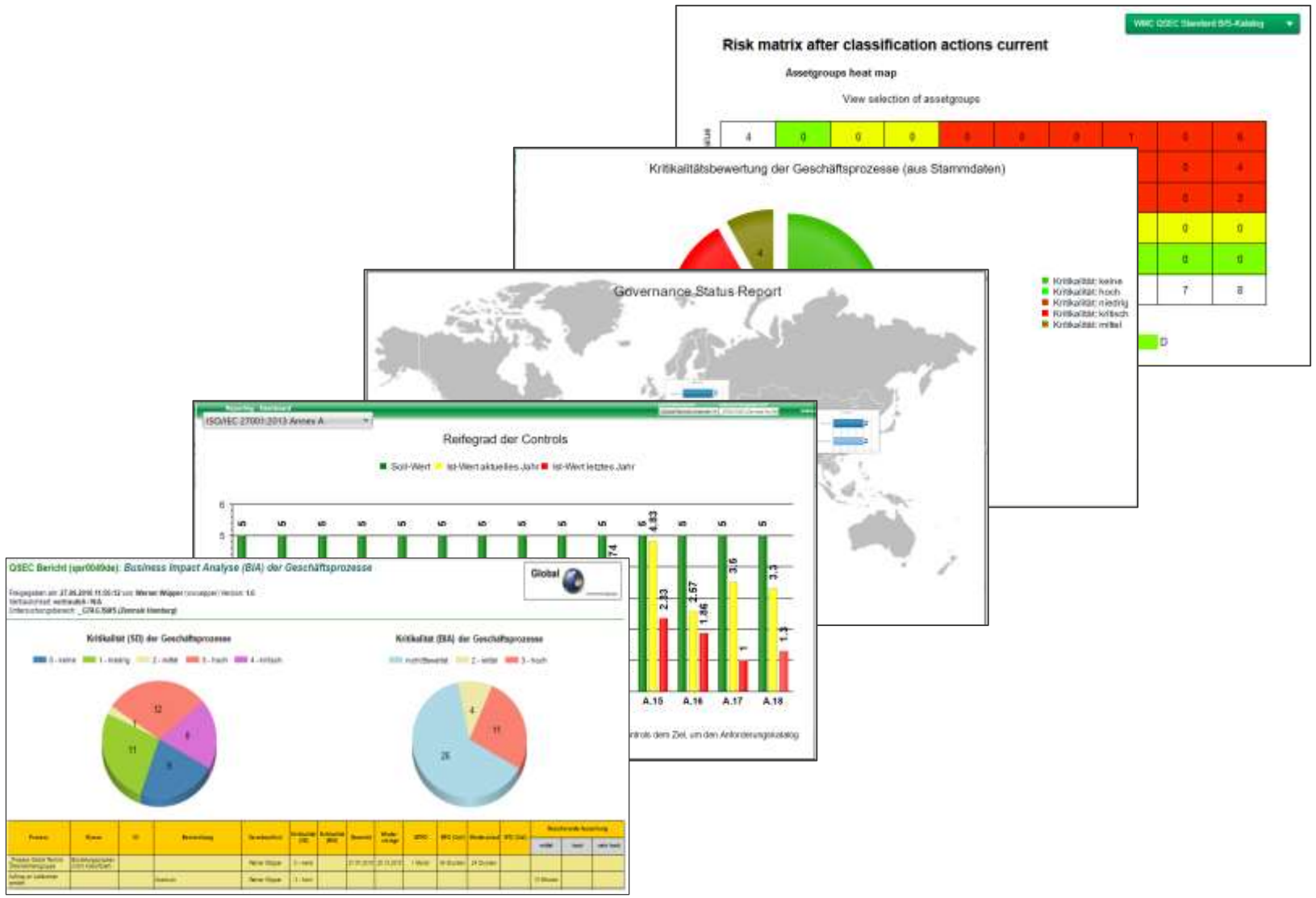
QSEC® - integrates into existing IT infrastructure

Examples



QSEC® - dashboard and reporting

Extract from reports



Integrated reports

Standard reports

- management report
- work report
- measure reports
- risk status report
- compliance / maturity degrees (SOA)

special reports

- records of processing activities
- budget report
- security incident report
- information governance report

Individual reports

- on demand Dashboard

QSEC® - the technology

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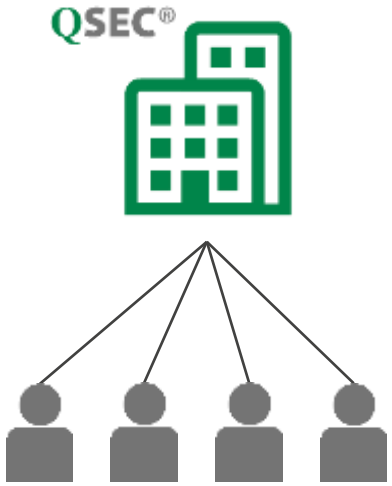
On Premise



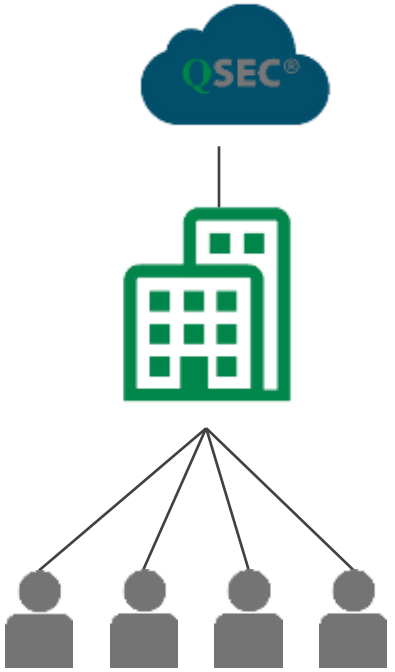
QSEC® is a web-based application

Client	Web Server	Database
▪ Web Browser ▪ SSL ▪ no installation ▪ no maintenance	▪ Microsoft Windows Server 2019 and previous model ▪ Microsoft IIS ▪ ASP.NET 4.6	▪ Microsoft SQL Server 2017 and previous model ▪ Interfaces to further systems

Programming by Microsoft Visual Studio 2015/2017

Current version: 6.5

Public Cloud



Public cloud is also technically possible, but is not recommended by WMC.

QSEC® - comprehensive IT GRC / ISMS according to specifications ISO / IEC 2700x

QSEC® - the USP's at a glance

QSEC® DIE SOFTWARE

Flexible customizing and quick implementation

QSEC® - extensively customizable in the standard and can be implemented on a tight schedule with accurate cost planning

Multi-Norm compliance

IKS / IMS functionality – working according to worldwide recognized standards including **ISO 9001** (Quality Management), **ISO 14001** (Environmental Management), **ISO 20000** (IT Service Management), **ISO 22301** (BIA & BCM), **ISO 27001/2** (Information Security Management), **ISO 27005** (IT Risk Management) **PCI DSS, SOX, Basel II, OHSAS 18001** (Occupational Health and Safety), **KAIT, VAIT, BAIT, VDA-TISAX** etc. optionally available. Subject to individual requirements own contents or sector-specific **standards can be integrated**

Usability

Clear, customizable user interface, differentiated expert and user mode - workflow and task support

Competitive edge

High integration of ISMS and data protection, flexible license model, multi-norm compliance, comprehensive customizing functionalities, workflow and task (mail) support

Content

No modules missing, **QSEC®** comes complete. Suggestions for measures, including presentation of cost-effectiveness (costs and amount of damage) have been implemented.

Interfaces

Via interfaces: **QSEC®** integrates into existing IT-landscape

Our references

An excerpt

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Utilities / public utilities

energienetze mittelrhein
Ein Unternehmen der evm-gruppe

Stadtwerke Düsseldorf

Finance / Insurance

SIGNAL IDUNA

HanseMerkur
Versicherungsgruppe

IT services

CANCOM

hintag
ICT Services for Healthcare

Service provider / trading companies

techem

Bartels-Langness

Logistics

Lufthansa Cargo

Automotive Industry

KÜSTER
Holding

ACPS AUTOMOTIVE

oris
ACPS

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