



Add value.  
Inspire trust.

## ISO/IEC 27017

Implement robust information security controls to safeguard cloud services



### Your challenges

As increasing numbers of organisations transition to the cloud, one of the key challenges is the security and privacy concerns of businesses moving to it, as well as cloud service providers (CSPs) implementing it. With valuable enterprise data residing outside the corporate firewall, cloud infrastructure cyber-attacks can cause a domino effect and impact multiple clients. Consequently, businesses must strategically consider the risks and explore viable security options to protect their information systems.

### What is ISO 27017?

ISO/IEC 27017 (Information technology – Security techniques – Code of practice for information security controls based on ISO/IEC 27002 for cloud services) is a set of guidelines for safeguarding the cloud-based environment and minimising the potential risk of a security incident. Focusing on applicable security controls, the guidelines address topics such as asset

ownership, recovery action if the CSP is dissolved, disposal of assets with sensitive information, segregation and storage of data, as well as alignment of security management for virtual and physical networks. Built upon ISO/IEC 27002 (Information technology – Security techniques – Code of practice for information security controls), ISO/IEC 27017 allows for the addition of specific controls pertinent to the needs of cloud organisations and their end-users.

### Why is ISO/IEC 27017 important for your business?

ISO/IEC 27017 guidelines provide organisations with an internationally accepted framework for securing their cloud environment. A compliant implementation of ISO/IEC 27017 enables the organisation to reduce reputation risks while enhancing the stability of business operations. The guidelines are relevant to data owners which store information in the cloud, and to cloud-based service providers.

## How can we help you?

As an internationally accredited Certification Body, TÜV SÜD has the expertise and experience required to assess your organisation against the recommendations of ISO/IEC 27017. Using a tailor-made assessment tool, our experts identify nonconformances and present these in an assessment report. Based on the findings, your organisation is well positioned to develop solutions for high-impact improvements, thereby reducing the overall risk.

### STEPS TO CERTIFICATION

Receive a customised quote from TÜV SÜD – including detailed costs and timescales

TÜV SÜD conducts an in-depth assessment

Our assessment report is released to you

Prepare your prioritised action plan, based on our assessment report

TÜV SÜD issues your ISO/IEC 27017 certificate

## Your business benefits

- **Reduce operational risk** – By adhering to the ISO/IEC 27017 guidelines you can efficiently analyse vulnerabilities and mitigate against data breaches, as well as regulatory fines and penalties.
- **Win market trust** – An independent third-party assessment demonstrates your commitment to global information security practices. Winning stakeholder confidence delivers you a competitive advantage as potential investors and customers identify you as a responsible partner.
- **Streamline your business** – ISO/IEC 27017 clearly outlines the exact relationship, roles, rights and responsibilities between cloud service customer and cloud service provider, enabling you to become a preferred CSP and expand your business globally.

## Why choose TÜV SÜD?

Our experienced global experts provide information security management systems and cloud security assessments, based on international standards such as ISO/IEC 27001 (Information technology – Security techniques – Information security management systems – Requirements) and the guidelines of ISO/IEC 27017.



As TÜV SÜD is vendor agnostic, our assessments are both impartial and independent. Our auditors are qualified and certified for a wide range of management system standards, so you also have the option to combine audits for multiple management systems, saving your business time and money.

## Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification and auditing services. Since 1866, the company has remained committed to its purpose of enabling progress by protecting people, the environment and assets from technology related risks. Through more than 24,000 employees across over 1,000 locations, it adds value to customers and partners by enabling market access and managing risks. By anticipating technological developments and facilitating change, TÜV SÜD inspires trust in a physical and digital world to create a safer and more sustainable future.

### Related services

TÜV SÜD provides the following related management system services:

- ISO/IEC 27001 – Information security
- ISO/IEC 27018 – Cloud PII protection
- ISO/IEC 20000-1 – IT service
- ISO 22301 – Business continuity