

# R&S® Trusted Gate

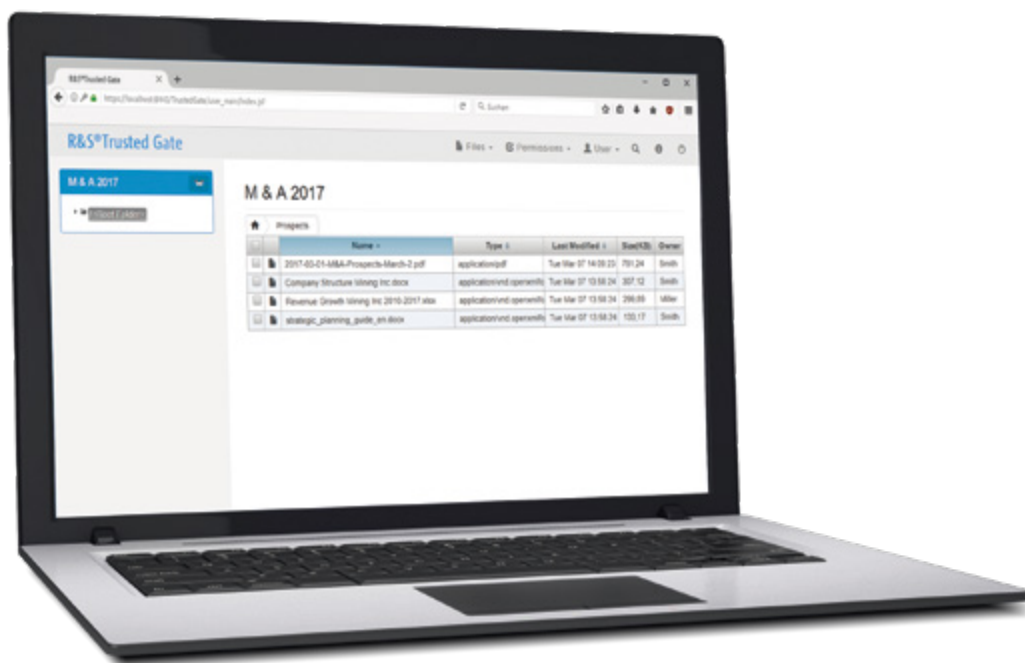
## Security and data protection for public clouds

R&S® Trusted Gate employs a portfolio of coordinated solutions to protect sensitive information against cyberattacks and data theft. It also facilitates compliance with data storage requirements and enables working securely and in conformance with data protection provisions in public clouds and collaboration tools.

Use of cloud solutions has become an essential part of everyday life in companies. Cloud solutions play a key role in digital business processes, help to save costs and provide mobile access to corporate information. However, they also harbor risks. Cyberattacks on clouds can result in loss of sensitive corporate data.

### Security with full performance and flexibility

R&S® Trusted Gate employs an innovative virtualization method that enables secure working in public clouds (e.g. Google Drive, Box.com, Magenta cloud) and collaboration tools (e.g. Microsoft® Office 365™ and Microsoft® SharePoint™). Information is made available in the form of virtualized data that users can work with in the accustomed manner. The original data is stored encrypted and fragmented in configurable memory locations for effective protection against cyberattacks.



## Innovative virtualization method

When documents are uploaded to clouds or collaboration tools, a virtual copy of the original document (vDoc) is created. The vDoc contains only the metadata of the original document, such as keywords, classifications and access rights, without the confidential content. Authorized users can work with vDocs transparently and securely. Attempts to attack clouds or collaboration tools remain ineffective since the clouds or collaboration tools contain no sensitive data.

## Working in public clouds in compliance with data protection regulations

Original documents are automatically encrypted and broken down into chunks. A software defined storage (SDS) module allows users to decide which servers or clouds to use for storing the chunks. Breaking down the original data into fragments and distributing it across configurable memory locations provides additional protection against cyberattacks. This approach also enables compliance with data protection provisions, such as the General Data Protection Regulation (GDPR), which stipulate higher security standards for handling personal data.

## Easy to manage and operate

Administrators can use R&S®Trusted Gate to configure access rights for defined data. The solutions provided by the R&S®Trusted Gate product family cover a wide scope of applications on cloud platforms and in on-premise infrastructures.

### Rohde & Schwarz Cybersecurity GmbH

Muehldorfstrasse 15 | 81671 Munich, Germany  
Info: +49 30 65884-222  
Email: [cybersecurity@rohde-schwarz.com](mailto:cybersecurity@rohde-schwarz.com)  
[www.cybersecurity.rohde-schwarz.com](http://www.cybersecurity.rohde-schwarz.com)

### Rohde & Schwarz GmbH & Co. KG

[www.rohde-schwarz.com](http://www.rohde-schwarz.com)

## R&S®Trusted Gate product portfolio:

### ■ R&S®Trusted Gate

#### **Solution for Office 365**

Seamless integration for working securely and transparently with Microsoft® Office 365™

### ■ R&S®Trusted Gate

#### **Solution for SharePoint**

Encryption of documents for Microsoft® SharePoint™ and integration of the documents into existing workflows

### ■ R&S®Trusted Gate

#### **Secure Data Room Solution**

Data room solution for secure data exchange and collaboration at the highest corporate level

### ■ R&S®Trusted Gate

#### **Data Diode Solution**

Secure data transfer between differently classified security areas of companies and public authorities

### ■ R&S®Trusted Gate

#### **DLP Solution**

Prevents loss of confidential data conveyed via emails

### ■ R&S®Trusted Gate

#### **Mobile Access Solution**

Secure access of confidential content via mobile devices

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