



GDPR

Services for the General Data Protection Regulation (GDPR)

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 **OPENSky**
A TÜV Rheinland Company

GDPR Consulting Services

Address challenges of the new EU General Data Protection Regulation and provide a firm foundation for continued business growth

The GDPR has set the new high bar for privacy. A sustainable program will have accountability, innovation and cost rationalization. We have the experts and solutions to mature and maintain your privacy program at the next level. Our services include:

- GDPR Readiness assessment
- Cross organizational coordination of compliance readiness
- Consultancy services - practical cost-effective advice to get your policies, processes, and procedures in line with the GDPR requirements
- Privacy program strategy
- Policy and controls development
- Data flow mapping
- External Data Privacy Officer (DPO) services
- GDPR integration with GRC tools

Certificates for IoT Protected Privacy

Personal data is transmitted to the IoT provider in nearly all IoT products and services. Therefore, the GDPR is binding on most IoT manufacturers and service providers who offer or market their products or services to individuals in the EU.

TÜV Rheinland offers professional evaluations of the protected privacy of IoT products and related services based on the requirements of the GDPR and related privacy and security leading practices and regulations. Certification affirms that your product or service meets the high demands of TÜV Rheinland and provides good protection for your customers' personal data.

CERTIFICATE FOR IOT SERVICES

Evaluation of an IoT service focuses on the technology and the processes involved when handling the data supplied with IoT products. Certification requirements include:

Infrastructure:

- Network architecture
- Services and applications
- Mobile applications
- Physical security

Processes:

- Incident Management
- Change Management
- Identity & Access Management
- Patch & Vulnerability Management

Data Protection:

- GDPR principles
- Handling of data
- Storage of data
- Handling of third parties

Organization:

- Security regulations
- Classification of data and security
- Roles and responsibilities

Miscellaneous:

- Encryption
- Documentation
- External service providers
- Secure communication

CERTIFICATE FOR IOT PRODUCTS

Certification for an IoT product focuses on the hardware and firmware of the device and its communication with the outside world. If relevant, an app will also be examined during the product test and binding manufacturer's specifications relating to data use will be required. Certification requirements include:

Device:

- Privacy by default settings
- Updatability
- Possible operations without the Internet
- Factory resets

App:

- Privacy by default settings
- Secure registration, login
- Prevention of reverse engineering

Local Communications:

- Encrypted data transmission
- Secure pairing, e.g. Bluetooth
- Configurable Internet access

Use of Data:

- Approval management
- Prohibition on interfaces
- Data deletion
- Access to protected services

Online Communication:

- Procedure for secure device configuration
- Encrypted data transmission
- Management of the gateway configuration

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