![ownCloud logo](STORE. SHARE. WORK.)

ownCloud
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Information on the EU-General Data Protection Regulation (EU-GDPR)

Is your filesharing solution ready for May 25, 2018?

Make your filesharing secure with ownCloud – and fully EU-GDPR compliant.

ownCloud offers you a secure file-sharing alternative to conventional public cloud offerings. Through on-premises installation and a variety of administration and security features, you not only gain full control of your data, but a truly private cloud for your business that is fully compliant with the upcoming EU-General Data Protection Regulation (GDPR).

Principles

Requirement	Explanation	Solution with ownCloud
Encryption of personal data	In order to ensure adequate protection, personal data should be encrypted.	Client-side end-to-end encryption; server-side encryption with HSM support.
Integrity & resilience of the systems	File changes can be detected and verified; for example, product and system stability, even under high load.	Multi-factor authentication; permissions management; file firewall; audit log; file integrity check; authentication; document classification and policies; professionally developed and tested enterprise software;
Availability & Access	Availability and access to data is always guaranteed.	Ransomware protection application; versioning with granular recovery functionality; high availability.
Transparency & Procedure	Transparent & comprehensible processing of data and procedures for evaluating the effectiveness of protective measures.	Auditing/Logging module, transparent authorization management.

Why is the EU General Data Protection Regulation (GDPR) so important?

The GDPR is an EU regulation governing the processing of personal data by companies and public authorities. The regulation has been in force since May 25, 2016 and must be implemented by May 25, 2018. If companies fail to comply, fines of up to **20 million euros** or **4% of the world's annual turnover** are threatened. GDPR affects all companies that process personal data. This includes, for example, names, customer data, telephone numbers, e-mail addresses or other data with which people can be identified.

ownCloud –
Maximum security. Full control. GDPR ready.

Further relevant articles of the EU-GDPR

Article	Explanation	Solution with ownCloud
Art.15 – Right of access by the data subject	Information regarding recipients and storage time of personal data.	Rights management for shared content; auditing / logging module; activity stream.
Art.17 – Right to erasure ('right to be forgotten')	Obligation to delete personal data immediately upon request.	Full data control through on-premises storage; file versioning; trash bin with final file deletion; expiration date for shares and shares.
Art.20 – Right to data portability	On request, personal data must be transmitted in a structured, common and machine-readable format.	All data is fully logged and exportable.
Art.24 – Responsibility of the controller	The controller responsible for processing must ensure and provide proof that processing is carried out in accordance with the regulations.	Auditing / logging module; full transparency and system control through open source code and on-premises installation.
Art.25 – Data protection by design and by default	The data protection principles and the necessary processing safeguards shall be effectively implemented by the controller.	Assured by the ownCloud product design - security and privacy by default with full control function.
Art.32 – Security of processing	Those responsible and contract processors shall take appropriate technical and organizational measures to ensure a level of protection commensurate with the risk.	Multi-factor authentication; client-side end-to-end encryption; file firewall; Ransomware Protection App; rights management; auditing/ logging module; password policies; file integrity check.
Art.34 – Communication of a personal data breach to the data subject	Notification obligation is not required if, for example, security measures such as encryption are in place.	Client-side end-to-end encryption; server-side encryption with HSM support.

About ownCloud

Companies and organizations that rely on the highest level of security when exchanging data internally and externally rely on ownCloud. With over 200,000 installations and more than 15 million users, ownCloud is one of the largest open source projects worldwide. The open platform for digital collaboration enables easy access to files regardless of their location or device, increasing productivity through a variety of collaborative features. Users can decide for themselves which data is transferred to which cloud and which data remains in the company (on-premise). At the same time, ownCloud offers full control and transparency in the management of sensitive data. By integrating it into existing security and compliance-compliant systems, existing business processes can continue to be used. This is made possible by the high flexibility of ownCloud based on an open, modular architecture with multiple expansion possibilities and unique functions for the modernization of the data infrastructure. Further information can be found here: https://owncloud.com.

If you would like to stay up to date with the latest developments in ownCloud, please visit our blog at https://owncloud.com/blog/ or follow us on Twitter at @ownCloud.

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