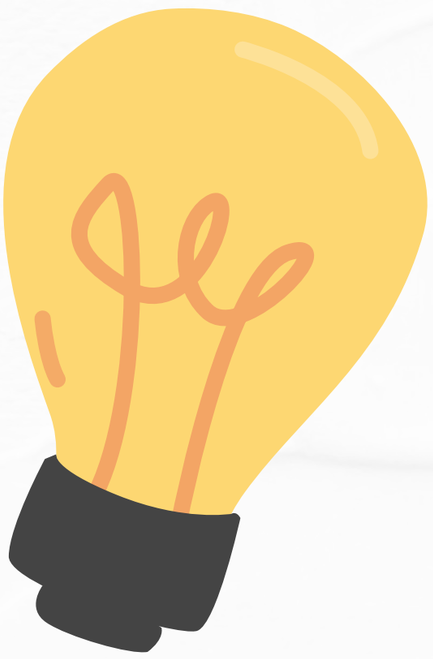
10 Success Factors in Building GDPR-Compliant Data Storage



1

Develop a Long-Term Data Storage Strategy

Use a solution that integrates easily into nearly any IT infrastructure.

2

Use a Certified Data Storage Solution

Check if your solution has been assessed by an auditor for its compliance with the GDPR – especially with the “Privacy by Design” and “Privacy by Default” principles.

3

Protected Data Integrity

Your solution is able to protect your archives from silent data corruption, data manipulation, or deletion.

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4

Encrypted Data
Implement data encryption to mitigate avoidable risks, as suggested by the GDPR. AES 256 is currently the most secure encryption in the industry.

5

Multi-Client Capability
It is necessary to create a secure separation of archived data in different archive areas or repositories within one central archive.

6

Control Access
You have to ensure that all accesses to your archived personal data are strictly controlled and logged in the audit logs of your data archive solution.

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7

Retention Management

Assign a correct retention date to each data that is subject to retention. Modern archiving solutions can set a precise retention date to each data archived in it to protect the data from deletion.

8

Deletion Process

As EU citizens now have the “right to be forgotten”, you must re-design your data storage processes. With a “special deletion process” you can delete archived personal data even before its defined retention period expires

9

Self-Healing Function

A "Self-Healing" function can synchronously replicate data and store them on two storage systems, as well as constantly verify the integrity of the stored data on both systems.

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10

Cost Efficiency

Data protection don't have to be expensive. One smart way is by taking a more efficient, flexible, and sustainable approach to data archiving, which is a software-defined approach.

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