Simple and secure data sharing in the cloud

Bdrive

Advantages at a glance

1 Secure — protected data exchange internally and also with external partners

2 Trusted — absolute data sovereignty for you (zero-knowledge principle)

3 Simple — intuitive navigation offered by Bdrive

4 Flexible — you can access your data anywhere: at your office, at the airport

You can now access your data wherever you are

In today's digital world, we often work at different places, on the move or in teams. To make this kind of work secure, Bundesdruckerei has developed a cloud solution, Bdrive, which allows you to share and work on data both with people at your company and with external partners — any time and any place. You can now set up more efficient and flexible work processes while our cloud computing solution ''Made in Germany'' always ensures an outstanding level of security.

You maintain complete control over your data. Bdrive combines data encryption with innovative CloudRAID-technology (redundant array of independent clouds). This means that the data is encrypted on the user's device and can be securely transmitted and stored. You have to be authorised in order to retrieve the data, thus ensuring your organisation meets all compliance and audit requirements.

Bdrive in detail

The German cloud provides maximum security

Bdrive features innovative security technology. So-called CloudRAID encrypts and breaks down your data into fragments directly on the device, storing them in a redundant array with at least three independent and ISO-accredited cloud providers in Germany. Unlike other cloud solutions, the encryption keys are generated and stored directly on the device.

Collaborative work

Bdrive allows you to share files with as many users as you like – and even with external partners. Files are versioned and deleted data can be restored within 30 days. You determine the users and their rights.

Secure identities

Bundesdruckerei's clever identity management and multi-factor authentication ensure identity validation for all users and their devices so that you always know with whom you are sharing data. That protects your staff and prevents social engineering.

Simple use

Bdrive allows you to work in your usual file structure. Thanks to simple handling and intuitive navigation for all employees, you can easily stop the growth of shadow IT solutions within your company.

Bdrive sets new standards for data security. Files can be securely shared with both internal and external partners in just a few clicks.

Guaranteed fail-safe

All the data is synchronised locally on the user's device and is even available without access to the Internet. Thanks to fragmentation and the generation of so-called parity blocks, data can be restored even if certain cloud storage services fail.

Full cost control

The number of users can be scaled as needed with Bdrive and you only pay for booked users. Moreover, additional storage packages can be added or removed. For you, this means full cost control. Thanks to online storage, you do not have to invest heavily in your own IT infrastructure.

SECURITY BY DESIGN

Client end

1. Authentication
2. Encryption
3. Fragmentation

Cloud service provider A
Cloud service provider B
Cloud service provider C

Data
Data is encrypted, fragmented and stored in different clouds.

Blueprint
Blueprint of encrypted and fragmented data (metadata) is stored securely in the Bdrive back end.

Blueprint