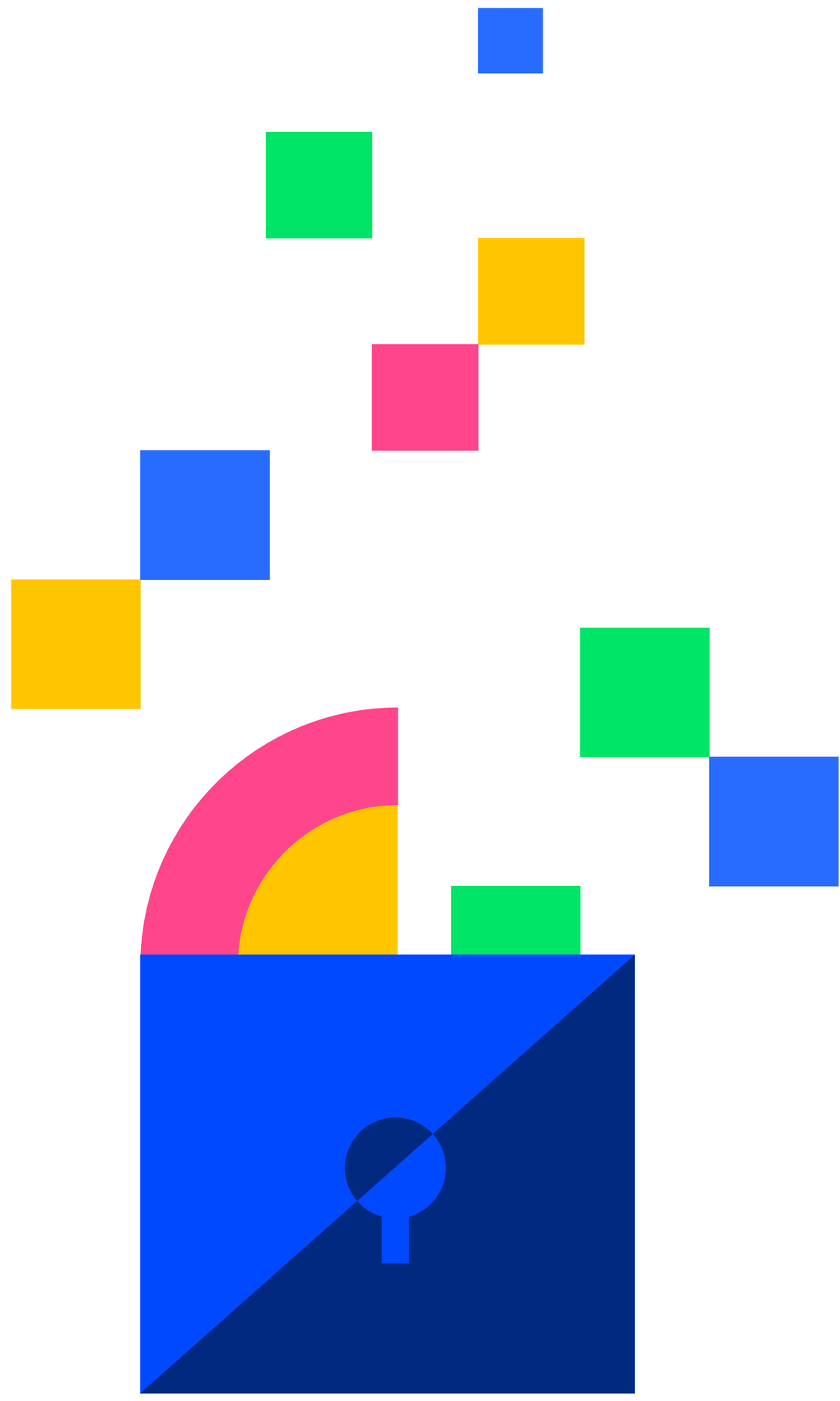
Your Most Valuable Asset Is Your Data. Let's Keep It That Way.



You and your team are passionate about the products and applications you build and the tools you depend on to build them. You demand complete ownership and control of your data, and your projects require the highest levels of security and privacy for a multitude of reasons.

Those concerns are well-founded. Many centralized storage architectures struggle with various data security issues that can expose vast amounts of sensitive information. Some of the security risks include misconfiguration, insecure interfaces, APIs, and unauthorized access due to a lack of proper access controls. Regarding privacy, traditional cloud storage providers like Amazon AWS, Microsoft Azure, or Google Cloud can't ensure absolute privacy. Many users just don't trust big corporations to keep their data private.

A decentralized approach

As more and more data migrates to the cloud, alternatives to big-tech storage players are emerging with features that meet these security demands in new, innovative ways. How? By incorporating a decentralized architecture.

Decentralized architectures offer inherent data integrity benefits appealing to developers, product owners, and CTOs, including no single point of failure or centralized repository for hackers to attack, as well as resistance to ransomware and bitrot. An edge-based security model combined with delegated authorization provides flexible and secure access management capabilities—meaning only you and those you designate have access to your data.

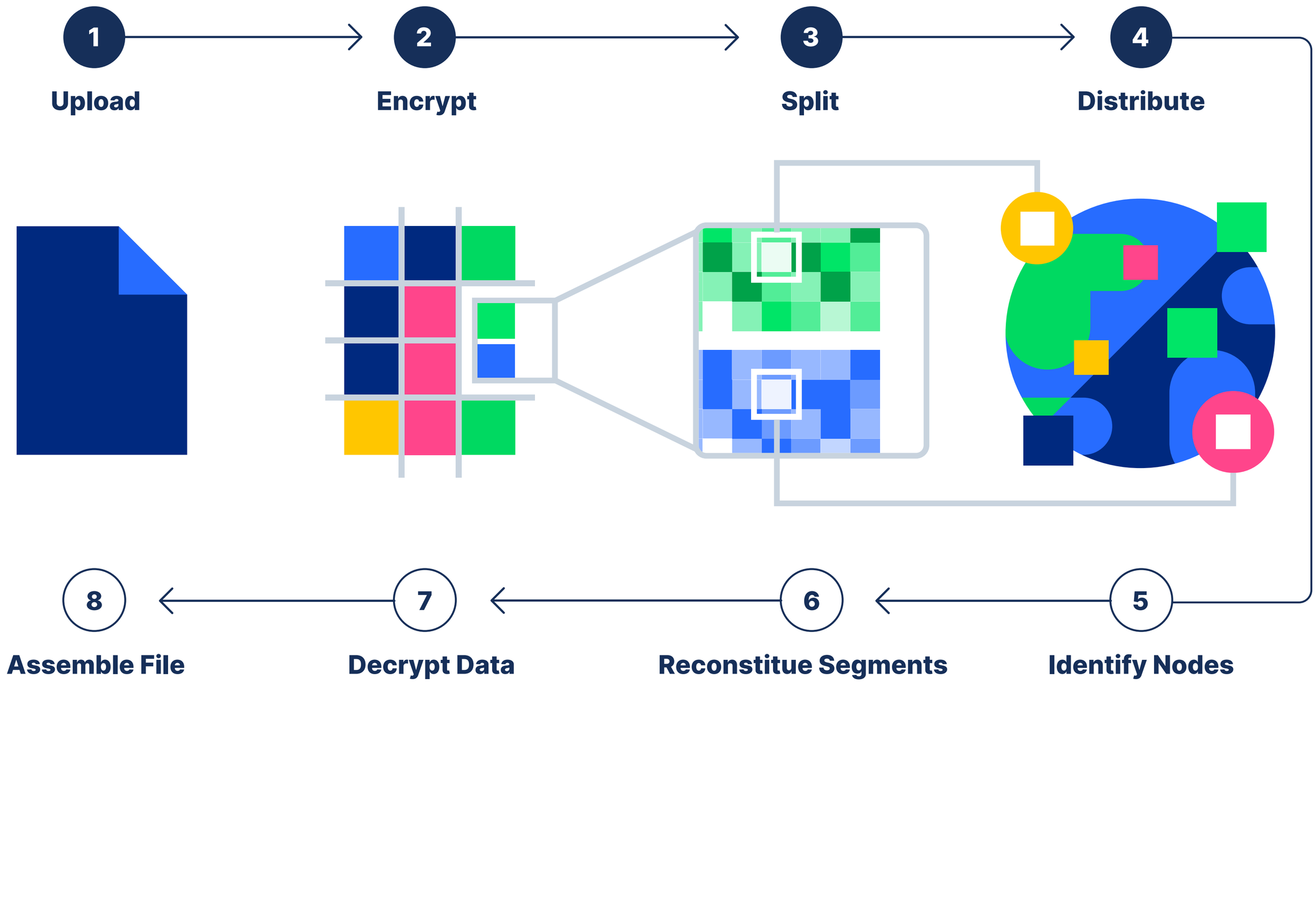
We’re control freaks too.

We get it. We understand the issues you face and deliver on your priorities, so you can take full ownership of your data and build with confidence. Storj DCS (Decentralized Cloud Storage) is private by design and secure by default, delivering unparalleled data protection and privacy vs. centralized cloud object storage alternatives.

Our innovative, open source decentralized cloud object storage solution, which is backward compatible with S3, utilizes a multi-layered approach for secure encryption and sophisticated access management with Macaroon-based API keys. Both content and metadata are separately encrypted. Every object uploaded is split into 80 or more encrypted, erasure-coded segments and stored across a globally diverse set of Nodes and ISPs. Only 29 pieces of any object stored are needed to reconstitute it, so it would take a global catastrophe for the entire network to go down or for your data to be lost or corrupted. No natural disaster, careless administrator, inside agent, or misconfigured server can compromise your data. In fact, not one file has been lost on Storj DCS.

Regarding privacy, encrypted objects, paths, and metadata leverage macaroons for access control and hierarchical deterministic keys for encryption/decryption. Users control their own data because only they have access to their encryption keys/access controls. No one outside of who you actually share your encryption keys or grant access to view your data can access it.

The journey of a file on Storj DCS.



Secure by Default

Mitigated Risk

No single point of failure means there’s no centralized repository for hackers to attack and no natural disaster, careless administrator, inside agent, or misconfigured server can compromise users’ data.

Edge-Based

Security model with delegated authorization that has flexible and secure capabilities for access management

Globally-Distributed

Every object is split into 80 or more pieces and stored across diverse nodes and ISPs

Multi-Resistant

Storj DCS is backed by SLA’s, ransomware resistant, bitrot resistant, and tamper resistant.

Private by Design

Default Encryption

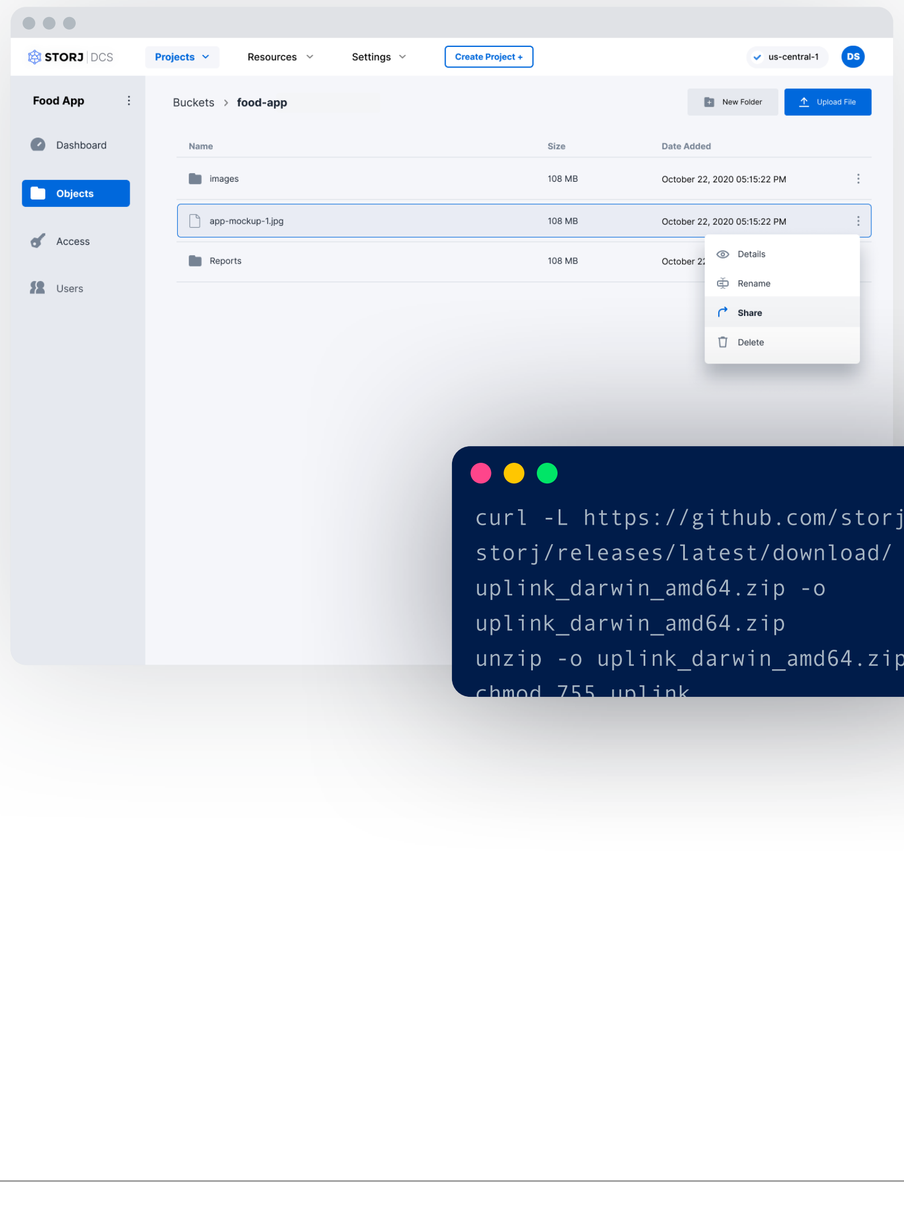
Default encryption for files, paths, and metadata that leverage macaroons for access control and hierarchical deterministic keys for encryption/decryption with an S3 compatible gateway and browser interface to deliver enhanced server-side encryption.

Trustless

A know-nothing architecture with no third-parties to trust. Only user and designated parties have access to data.

Experience the benefits of Storj DCS today.

Decentralization is already here, and it's only going to get bigger, better, and more mainstream as people discover the benefits of a decentralized model. Head over to www.storj.io and see how the unparalleled privacy and security features of Storj DCS can start benefiting you and your organization today.



STORJ | DCS

Start building on the decentralized cloud.

www.storj.io

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