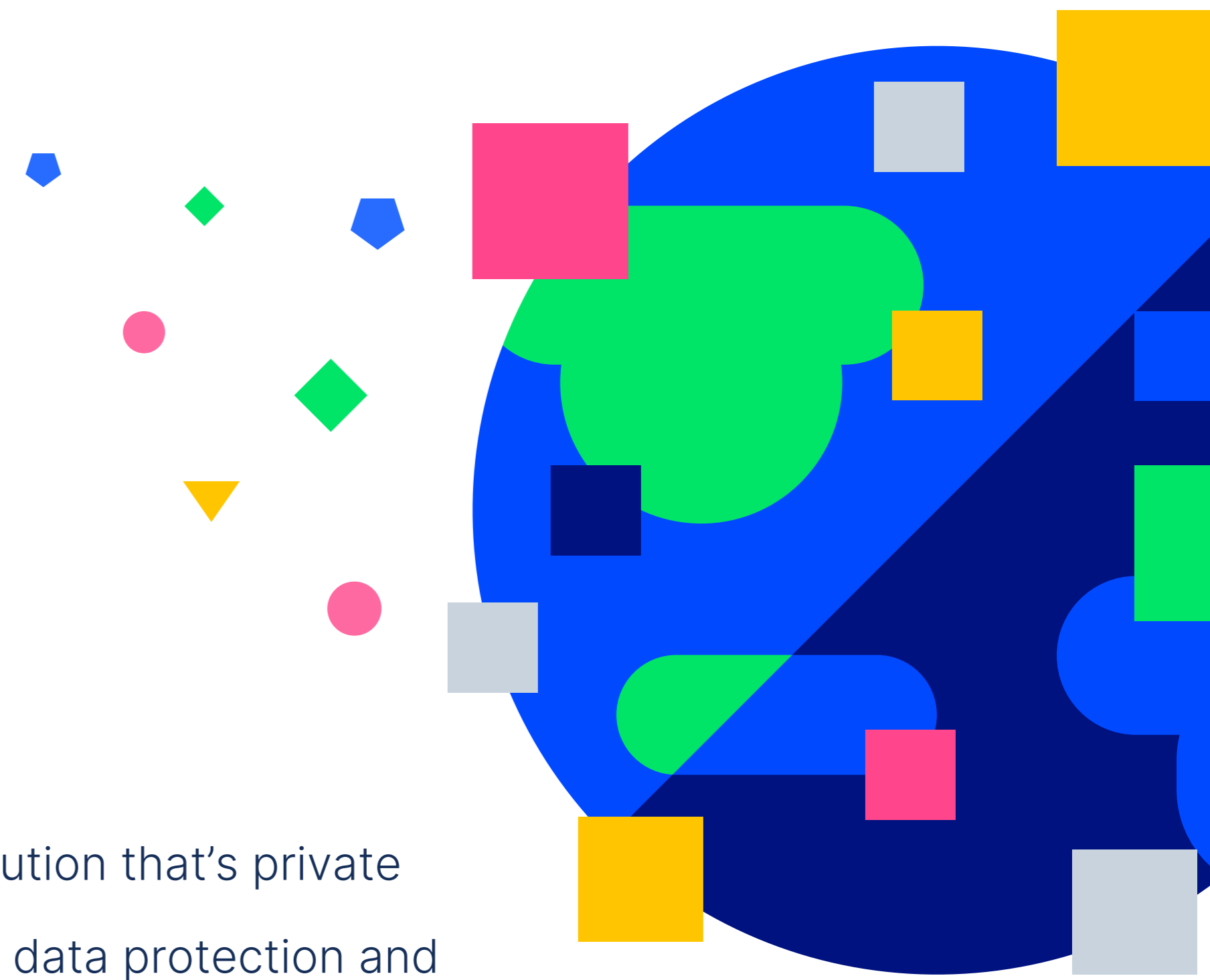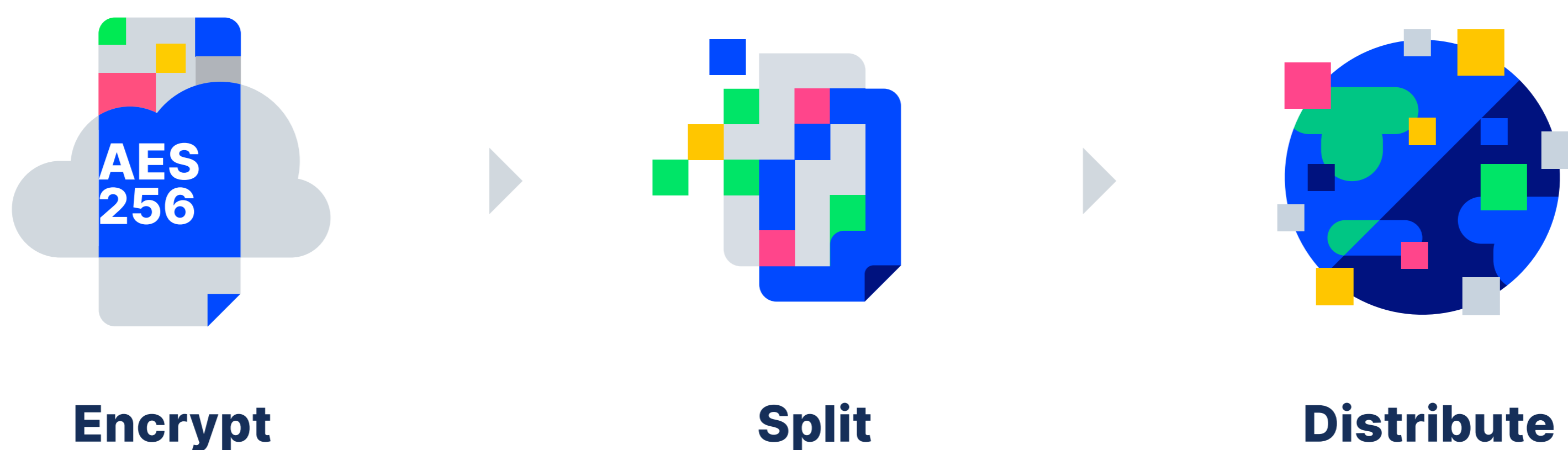# The Secure, Private Decentralized Cloud Storage Service.

Storj DCS is the world's first open-source, decentralized cloud storage solution that's private by design and secure by default - enabling developers to build in the best data protection and privacy into their applications as possible. The zero trust architecture, multi-region high availability, default encryption and edge-based access controls minimize risk and give only you, or those you grant permission to, access to your files. The result is that you take back full ownership and control of your data.

How Storj DCS works.

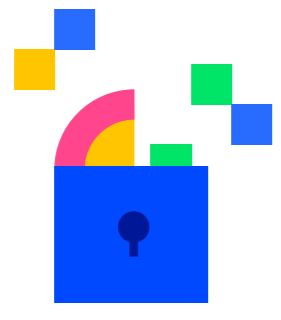**Encrypt** → **Split** → **Distribute**

Why decentralization is better.

When an object is uploaded into Storj DCS, it is default encrypted, split up into 80 or more pieces and distributed across thousands of diverse nodes and ISPs in nearly 100 countries. There is no single point of failure or centralized location meaning outages, downtime, bitrot, ransomware and data breaches are virtua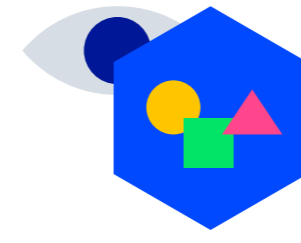lly impossible. If a node goes offline for any reason, your file can be reconstituted from just 1/3 of its distributed pieces. And, in addition to user-assigned access grants to ensure privacy, our edge-based security model with delegated authorization provides flexible and ultra-secure capabilities for access management.
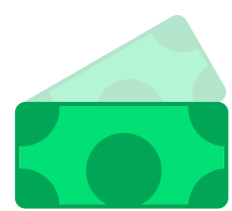
A new standard in object storage.

Security

Confidently store your data securely across the world with no single point of failure, resistance to hacking, and an edge-based security model.

Privacy

Own your data with default encryption and user-assigned access grants so no one can view or compromise your data without permission.

Cost Efficiency

Get highly availabile multi-region object storage for up to half the price of a single availability zone from centralized providers like AWS.

Availability

Download your data when you need it with no single point of failure, and automated data orchestration. No downtime, no bitrot, and no lost files.

Open Source

Take advantage of absolute transparency through our open source code. You are not locked-in to our technology or cost structure - giving you the freedom of choice.

Developer Friendly

A familiar developer experience with S3-compatibility, robust docs, tutorials and videos to help get you started leveraging all the benefits of decentralized cloud object storage.

STORJ | DCS

Start building on the decentralized cloud.

www.storj.io

@storjproject

github.com/Storj

storj.io/blog