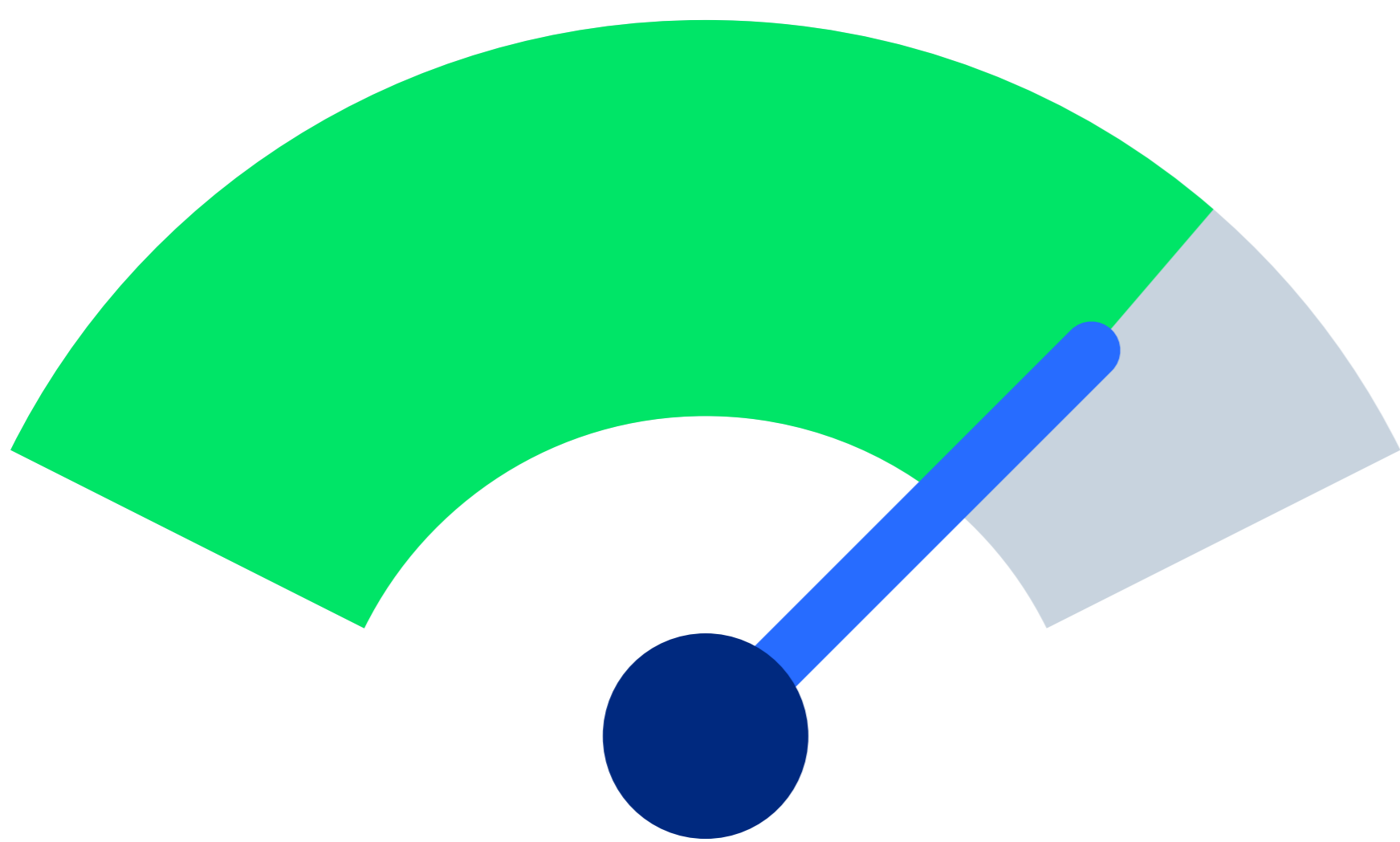


How far are you from your data?



Storj DCS brings high performance closer.

Today's organizations have customers and employees located worldwide—from home offices to corporate headquarters. They demand high levels of performance with the critical data they need for a variety of applications. At the same time, they're also seeking data durability; they want their data to be as intact and pristine on the day they retrieve it as it was on the day that they stored it.



Location matters.

Performance isn't just about speed; it's also about proximity. The closer a user is to the data they need, the better the performance. Distance from data means more fiber to travel and more routers to go through – which can lead to latency spikes and poor performance. Traditionally, to maintain consistent levels of data performance and minimize latency, organizations have replicated data across multiple data centers in key geographies. Still, this replication and complex management add up to higher costs.



A decentralized approach.

Storj Decentralized Cloud Storage (DCS) works differently. It is built with an innovative architecture and array of behind-the-scenes tools to help ensure the performance and durability of your critical data.

With Storj DCS, data is distributed far and wide, so users are fewer “hops” away from the data they need. When a file is uploaded, it’s divided up into 80 or more pieces and distributed over a range of 11,000+ diverse Storj Nodes worldwide. Through erasure coding, these pieces are duplicated to ensure data integrity and durability.

Our metadata hubs are also geographically distributed and facilitate a set of services that handle access management, metadata management, Storage Node reputation audits, and any data repair to maximize data durability. Storj DCS is also massively scalable—additional Nodes can be added/employed at any time and located anywhere to create physical redundancy without the costs of adding data centers.



Peer-to-peer increases performance.

When a file is downloaded from multiple concurrent locations, our multi-threaded peer-to-peer parallel structure maximizes bandwidth to enhance performance and speed. Users benefit from the fastest Storage Nodes, among our thousands of connections, delivering content in the most efficient manner instead of downloading from a single point halfway across the world.



Start building on the decentralized cloud.

www.storj.io

