



pixelExperience

PixelExperience scales up software distribution with Storj DCS.

For its aftermarket ROM based on the Android Open Source Project (AOSP), PixelExperience strives to give more mobile devices a Google-like feel as inferred by the organization's name. The organization maintains 60 different builds of its ROM - each up to 1.5 GB in size - for each device model it supports. It updates these each month in step with Google's monthly AOSP security updates. But with each new build getting about 50,000 downloads, PixelExperience began experiencing bandwidth shortages in connection with monthly releases.

To eliminate these disruptions and enable its users to get the latest downloads in a timely manner, PixelExperience turned to the power and resiliency of Storj DCS with its inherent global distribution network and edge services.

Delivering greater bandwidth scalability.

Storj DCS has become known for its highly secure, revolutionary distributed, and open source approach to object storage. Across its global network of approximately 13,500 Storage Nodes, it uses erasure coding to split each stored file into 80 or more separate pieces, distributing them across geographically diverse storage nodes and ISPs around the world. With pieces of each file individually stored across its global Storage Node network, a single file never exists solely in one place and retrieval of a file only requires 29 of its split pieces. This allows Storj DCS to securely, reliably, and cost-effectively address the bandwidth and global performance needs of PixelExperience and other software distributors.

"Because we have a huge amount of traffic, we used to run out of bandwidth near the end of each month," says Rohan Hasabe, a Core Team Member for PixelExperience. "But now, we no longer have to worry about bandwidth thanks to Storj DCS. And because they have Nodes in South America, Asia, Europe, and North America., our users get even better download speeds than before."



“Storj DCS makes our job easy.”



Rohan Hasabe
Core Team Member
PixelExperience

Eliminate software distribution complexity.

For many software distribution organizations, getting the desired performance and bandwidth they want in all their target locations comes with significant complexity and high expense. In addition to the base object storage costs, they have the added expense and difficulty of pushing their files to all the regions they want to hit. Not only does Storj DCS' built-in global distribution network help software distributors like PixelExperience reduce that complexity, but Storj does it at one-tenth the base cost or more of most object storage providers.

“With other cloud storage providers, the responsibility is on you when it comes to distribution,” Hasabe says. “But Storj DCS simplifies software distribution. Storj has the experience and they know how to distribute data properly. That software distribution aspect is very important to us.”

“Storj DCS makes our job easy,” Hasabe adds. “We just upload a build to the Storj DCS uplink and then the software automatically distributes it across its network. We don't even have to think about it. Plus, it takes care of all the other stuff.”

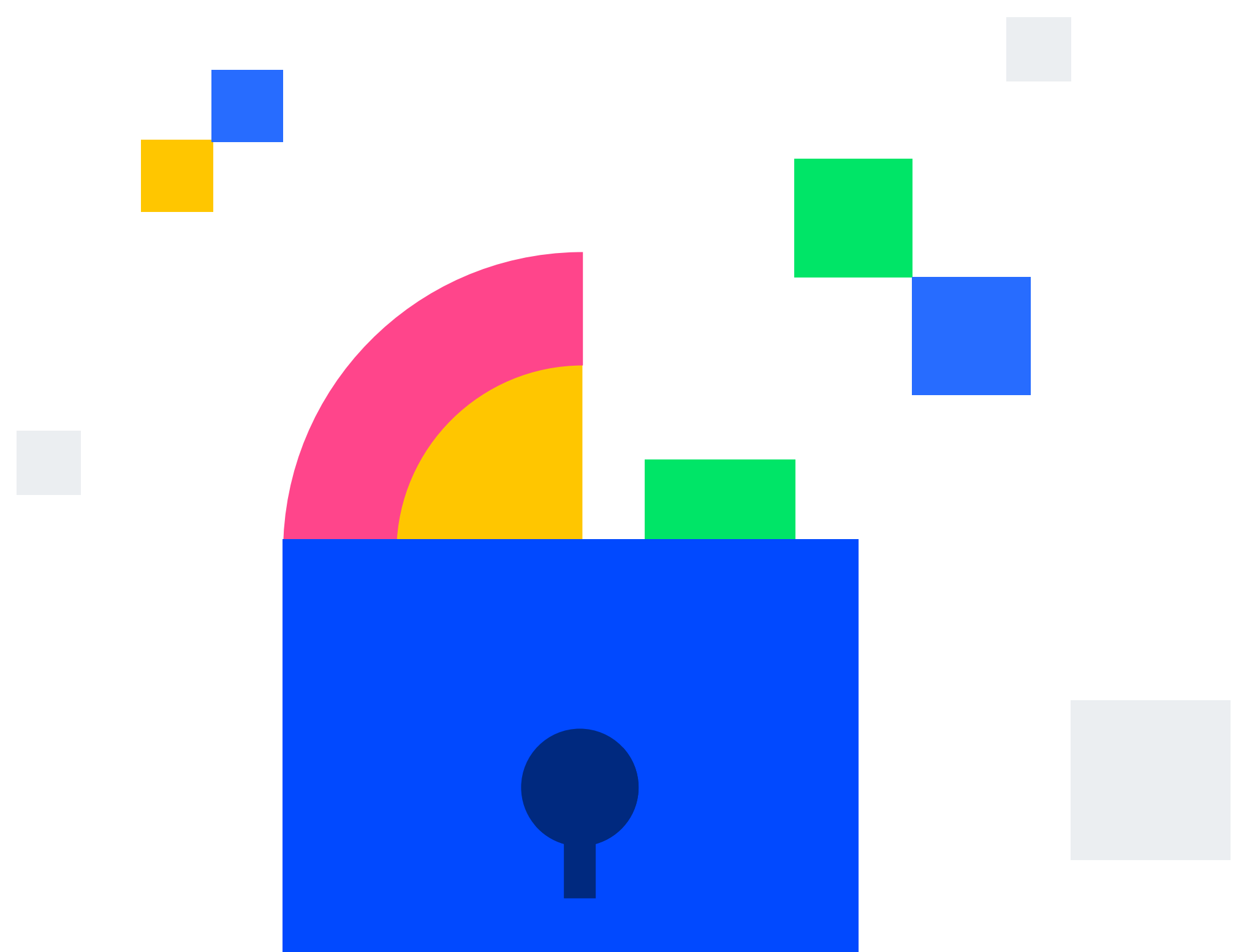
Enhance security, reliability, and service.

‘The other stuff’ Hasabe refers to includes the inherent security and reliability of Storj DCS. While PixelExperience has already implemented significant security measures throughout its infrastructure—including assigning signatures to each individual build—the organization appreciates the extremely heightened protection that Storj DCS adds.

“Since Storj DCS distributes pieces of each file across so many different Nodes it's basically very hard for any hacker to infect the entire piece,” Hasabe says. “That further preserves the integrity of our builds and protects our users. And we get faster, more reliable speeds in all our market locations.”

Additionally, as an open source development organization, transparency into the Storj DCS system is

essential for PixelExperience. The ROM developer also appreciates Storj's developer-friendly community. “We're really happy with the help we've received from Storj,” Hasabe says. “Their service is great. They helped us get on board. They always come to our rescue. And they stay in close communication with our team.”



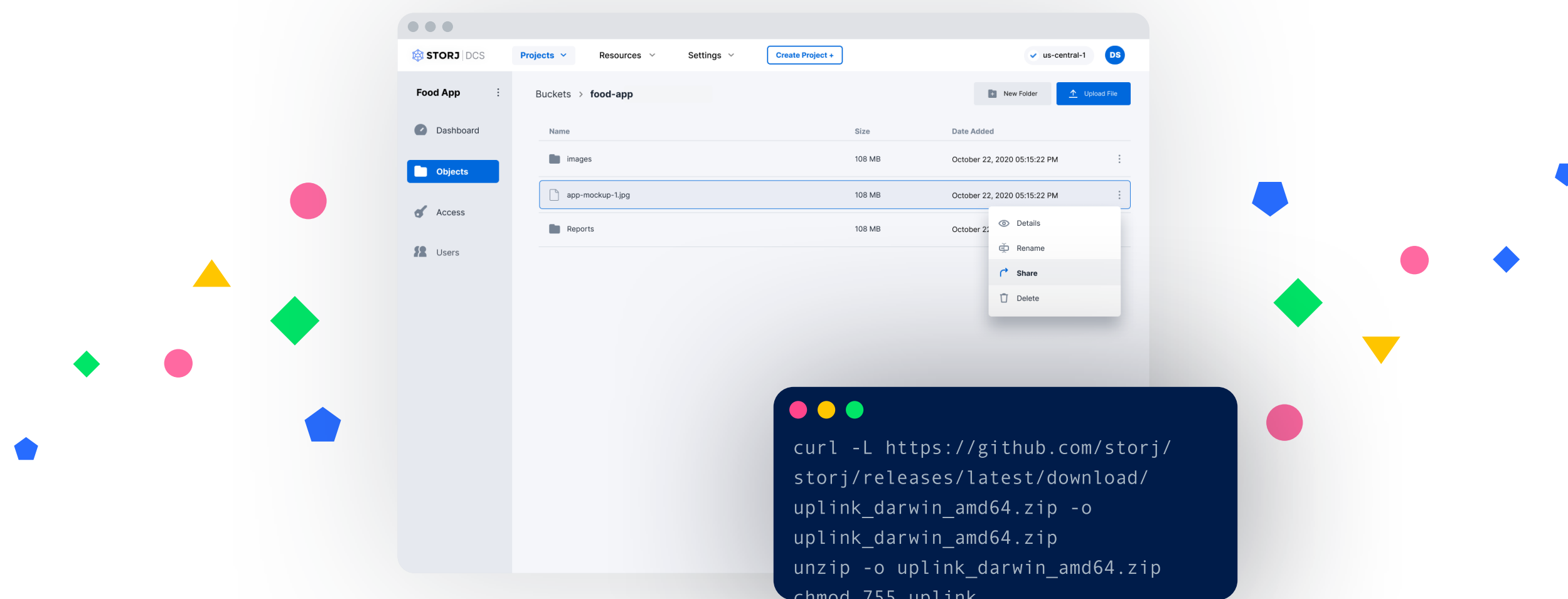
Worry-free global software distribution.

When asked why other software distribution organizations should consider taking a hard look at Storj DCS, Hasabe didn't hesitate. "With Storj DCS you don't have to worry about the distribution part. You get more scalable bandwidth, more reliable storage, faster speeds, and better security. Plus, you're getting an organization with great data distribution experience."



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 and organizations - like PixelExperience - discover the benefits of a decentralized model. Head over to www.storj.io and see how the unparalleled privacy, security, and cost features of Storj DCS can start benefiting you and your organization today.



Start building on the decentralized cloud.

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