Cubbit

Compose your own cloud storage in minutes.

Benefit for years to come.

Geo-distributed, sovereign, hyper-resilient.
Enjoy fully customisable object storage,
with no upfront investment required.

Your cloud. Your rules. Anywhere.

Cubbit

Why use Cubbit software to store and protect your data?

100% DIGITAL SOVEREIGNTY

Data sovereignty is by design, because you can choose where and how to store your data. Take back full control.

80% CLOUD COST REDUCTION

Up to 80% less than Amazon S3 or traditional on premises solutions. No extra cost for redundancy, no deletion or data transfer fees.

2X RANSOMWARE PROTECTION

Your data is protected both client-side (object lock) and server-side against potential hacker violations of the infrastructure.

15 9S DATA RESILIENCY

Geo-distribution makes your data safe from cyber attacks, data breaches and natural disasters. Data durability is up to 15 9s, the highest on the market.

70% LESS OPERATIONS

Cubbit takes care of everything. Create and manage an object store with just a few clicks on the web interface.

UP TO 50% MORE SUSTAINABLE

Cubbit reduces needed IT resources, extends storage hardware lifespan and reduces electronic waste. Minimise your carbon footprint.

Tech partners

Hewlett Packard Enterprise

EQUINIX

NASUNI

Tiger Technology

WIIT THE PREMIUM CLOUD

Main characteristics

- Geo-redundant, at no extra cost
- 100% S3 compatible
- ISO 9001 & 27001 certified
- Up to 15 9s of durability
- GDPR compliant
- S3 Object Lock & Versioning
- No deletion fees
- Lifecycle data management
- No egress fees
- IAM policies

Cubbit is the first geo-distributed Cloud storage Enabler.
With Cubbit you can build your own cloud object storage in minutes,
with no initial investment in infrastructure needed.

STEP 1:
CHOOSE YOUR STORAGE NODES

Use your infrastructure or access other resources from bare-metal or public cloud.

STEP 2:
ACCESS YOUR DATA FROM ANYWHERE

Gateways can be deployed wherever you need to access data: on-prem, in the public cloud or at the edge. They'll all access the same data.

STEP 3:
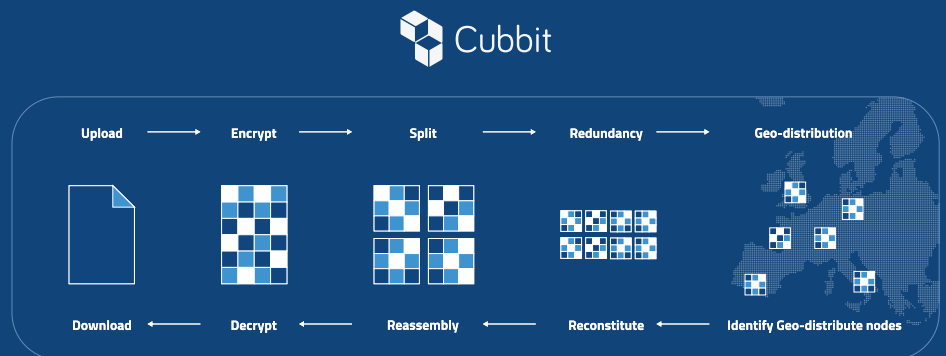**CUSTOMISE IT FOR YOUR NEEDS**

Assign resources to end-users/teams/apps in a few clicks. Personalise redundancy, permissions, and configurations of each user via an intuitive UI.

STEP 4:
USE IT (OR RESELL IT) AS YOU WISH

White labelling, monitoring, billing, analytics, and more. You can now start doing business with your own distributed cloud storage platform.
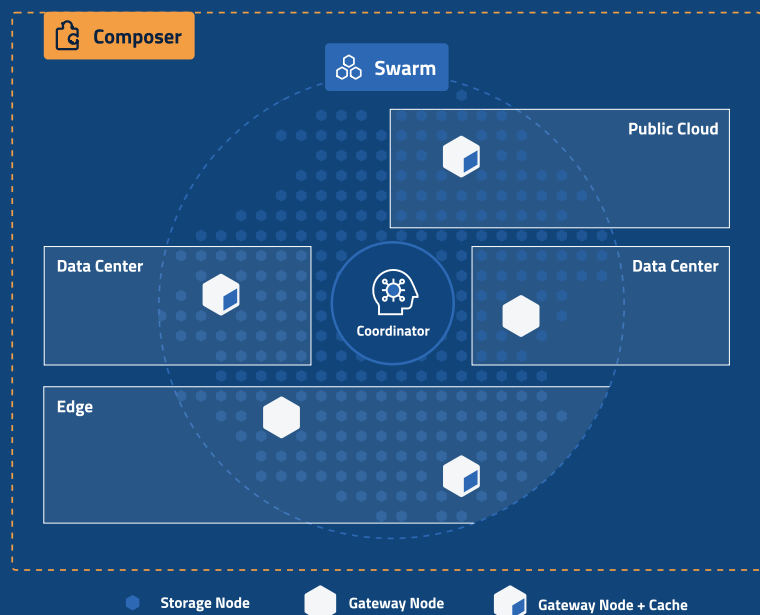
How does Cubbit work?

Cubbit DS3 is an innovative S3-compatible storage solution with a new data distribution model. Instead of storing data in a single location, we encrypt data, split it in chunks, enforce redundancy and disperse objects in a geo-distributed network where customers have full control and ownership over their data.

Cubbit

Upload → Encrypt → Split → Redundancy → Geo-distribution

Download ← Decrypt ← Reassembly ← Reconstitute ← Identify Geo-distribute nodes

DS3 Composer

Based on DS3 technology, Cubbit DS3 Composer **is the resource orchestrator and management interface** to the Coordinator control plane, Swarms (geo-distributed clusters of storage nodes) and S3 access gateways.

It collects and aggregates new and recycled resources across the edge, on-prem, and public cloud — exposing them as an S3 object store repository via the SaaS control plane. Resources are organised in geo-distributed networks, and each network node can provide access and capacity via S3 protocol.

Composer

Swarm

Public Cloud

Data Center

Coordinator

Data Center

Edge

● Storage Node   ⬡ Gateway Node   ⬡ Gateway Node + Cache

Business Ready and Easy to Use

MULTI-TENANT

Each tenant can be operated by a different user (or reseller), who has full control of metrics, configurations, reports, billing and policies.

HARDWARE AGNOSTIC

We run on any hardware. You can replace your old servers with new ones no matter the CPU generation, size, type or vendors without forklift upgrades.

FLEXIBILITY

Create different distributed networks, apply different protection policies, enforce dedicated redundancy levels for each one.

ZERO-KNOWLEDGE APPROACH

Integration with private KMS makes the user the only one that has access to the data stored in the system.

WHITE LABEL

Personalise your cloud storage solution with your brand to customise your offer.

EDGE BY DESIGN

Cubbit's infrastructure works with a single data domain. Automate operations from edge to cloud and scale seamlessly — no initial investment required.

Use cases

BACKUP
veeam · rubrik · COHESITY
MSP360 · NAKIVO · VERITAS
COMMVAULT · Acronis

ACTIVE ARCHIVING
Synology
QNAP
WordPress

LOG MANAGEMENT
elasticsearch
splunk>

NAS GATEWAYS
NASUNI
Tiger Technology
Mountain Duck

K8S STORAGE
OPENSHIFT
kubernetes

CLOUD MIGRATIONS
S3 Browser · RCLONE
FileZilla · AWS CLI
CyberDuck

DATA LAKES
trino
ICEBERG

COLLABORATION
Nextcloud
LucidLink

Cubbit

Cubbit is the first geo-distributed Cloud storage Enabler. Its groundbreaking software allows Service Providers and Enterprises to deploy in minutes their own geo-distributed cloud storage networks according to their infrastructure strategy and internal policies, so that they can keep full sovereignty over data, simplify workflows and reduce costs.

Today, Cubbit hyper-resilient and cybersecure technology is adopted by 350+ European companies and partners, including HPE, Equinix, Leonardo (world leader in defense and cybersecurity with $14B in revenues), and serviced by Exclusive Networks (global distributor, listed on the Paris Stock Exchange).

Contact us at **business@cubbit.io**
Visit **www.cubbit.io**