

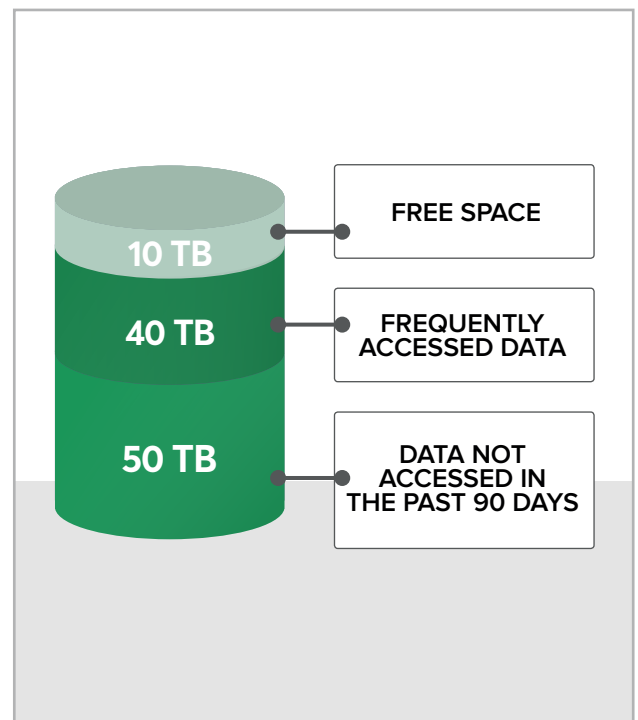
Company saves on storage with the Cynny Space and data tiering solution

Cynny Space Object Storage combined with a data tiering application maximizes enterprise's data archiving efficiency.

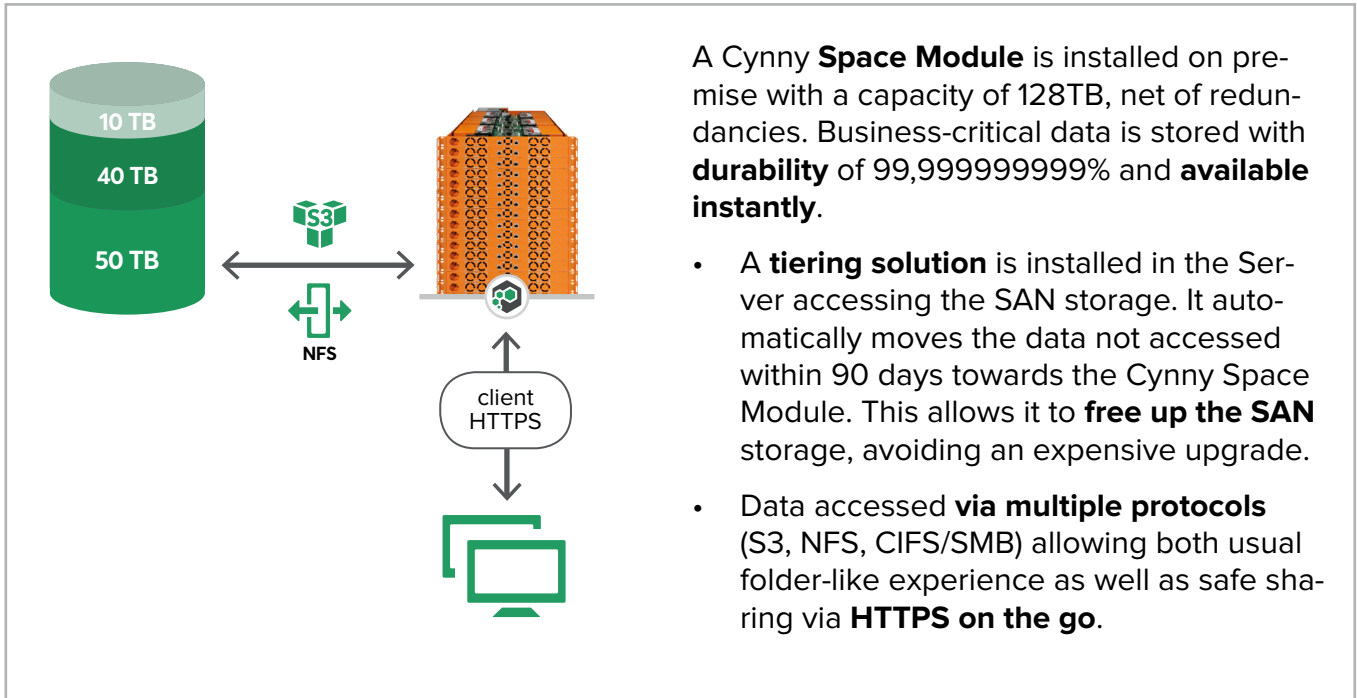
Company Challenge

Our client, a leading supplier of **robotic systems**, has 50 TB of business-critical data that has not been accessed in **over 90 days stored** on an expensive and overloaded SAN storage system. Maintaining infrequently accessed (but crucial) data on the primary storage is wasting the SAN capacity and is **not cost-effective**. The company is undergoing a period of growth and with it, **high data accumulation**. Expanding data requires a solution that expands as per their requirements. The company has a restricted budget and upgrading the SAN is a costly exercise. The company is looking for a cost-effective solution that will **free up the current SAN** and allow for fast access to this essential business data that can expand easily to meet their expectations.

Client Situation



Final setup



A Cynny **Space Module** is installed on pre-mise with a capacity of 128TB, net of redundancies. Business-critical data is stored with **durability** of 99,999999999% and **available instantly**.

- A **tiering solution** is installed in the Server accessing the SAN storage. It automatically moves the data not accessed within 90 days towards the Cynny Space Module. This allows it to **free up the SAN** storage, avoiding an expensive upgrade.
- Data accessed **via multiple protocols** (S3, NFS, CIFS/SMB) allowing both usual folder-like experience as well as safe sharing via **HTTPS on the go**.

Results

The customer succeeded in freeing the SAN and avoided expensive upgrades thanks to tiering the company’s data directly to an on-premise **Cynny Space Module 14U4**. The tiering software moves the data whilst keeping links to original file's position. Cynny Space Module, with a capacity of **128TB net of redundancies**, allows instant data accessibility and secure storage. **Linear scalability** is ensured as the newly installed system can grow as by as little as 9TB net with the addition of any number of **Space Expansion 1U4 units** which cost per GB the same cost as the initially installed appliance.

Cynny Space solution

Cynny Space is an **S3 compatible** object storage solution that simplifies and fortifies data management. Thanks to the innovative **ARM® based** file-system, it can grow rapidly to abide any growth without reconfigurations or downtime. **Scalable on all levels** (power, bandwidth and cost). Linearly grows as nodes are added to the storage.

Key Benefits

- Free-up primary storage capacity
- Cost-Effective storage solution (70% lower than primary SAN solution) on-premise for total control
- Enhanced flexibility thanks to multiprotocol access: S3, NFS and SMB
- Optimum scalability: grows linearly in terms of capacity, cost and performance

The solution also comes with full maintenance included as the **SwARM file system** is designed to sustain and repair any hardware failure. On top of that, the unprecedented energy saving delivered by the **ARM® microservers** reduces the electricity bills. The direct and indirect savings make Cynny Space’s storage a great solution to archive efficiently.