



## Problems in the Industry

Big Earth Data, Sudmanns et al. in 2020 [1]-

For Earth Observation data, Sudmanns et al. in 2020 describe "the dominating strategy is still **locally processing** downloaded data sets. The enormous increase of data, proliferation of **cloud service architectures** ... now make it possible for users to more **easily access** remote sensing data. This trend is likely to continue, but the data volumes used in the analysis will be a limiting factor as long as the processing in EO data workflows continues to

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## The Fluffy NAS Solution

The Fluffy NAS is a portable device for physically attaching off-the-shelf storage, allowing for secure remote access. The device also supports efficient local data processing.

- Share large datasets from anywhere
- Store your full dataset locally - download them only once and analyze the full dataset
- Near-instant search across storage devices
- Portable and plug-and-play
- Connect over 200TB of storage devices with a USB-C port and 4

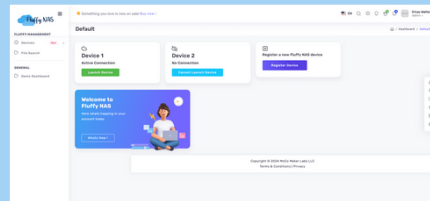
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## How Do We Do It?

We can work with existing cloud storage platforms, or protocols. By default the device offers a browser based login to your set of storage devices and can be extend to include:

- Remote file upload/download
- Near instant search across devices
- Encryption at rest and in transit
- Peer file sharing/sharable links
- File/folder permissions and management

Compared to the existing solutions, Fluffy NAS does not require setup or configuration of ports. After plugging in the device and the storage on can access their drive remotely through a browser:



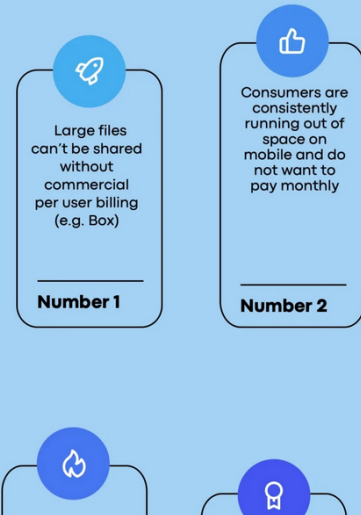
Each attached storage device allows you to upload/download or interact with a variety of documents.

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## Why Us, Why Now?

Fluffy NAS generates revenue primarily from device sales, and can customize the device as needed. The device becomes a platform for a variety of community apps.

Status Quo for data storage too much of a challenge. Consider that in the current state -



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## Partnership and Opportunities

We have recently completed the Maryland Startup Accelerator program. We are looking for customers to purchase the Fluffy NAS with a contract for customization. We have starting software that provides RAID, data backup, remote and team file sharing, and affordability.

We are open to customizing the Fluffy NAS data access experience or protocols for NASA teams.

## Follow Us

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