

Synology®

S Y N O L O G Y
2 0 2 0

Build A Better World with Data



Product Manager
Richard Weyts



Deep Learning NVR

DVA3219

- Real-time on-premises analytics
- Ensure surveillance privacy
- Zero hidden costs



Challenges in the real world



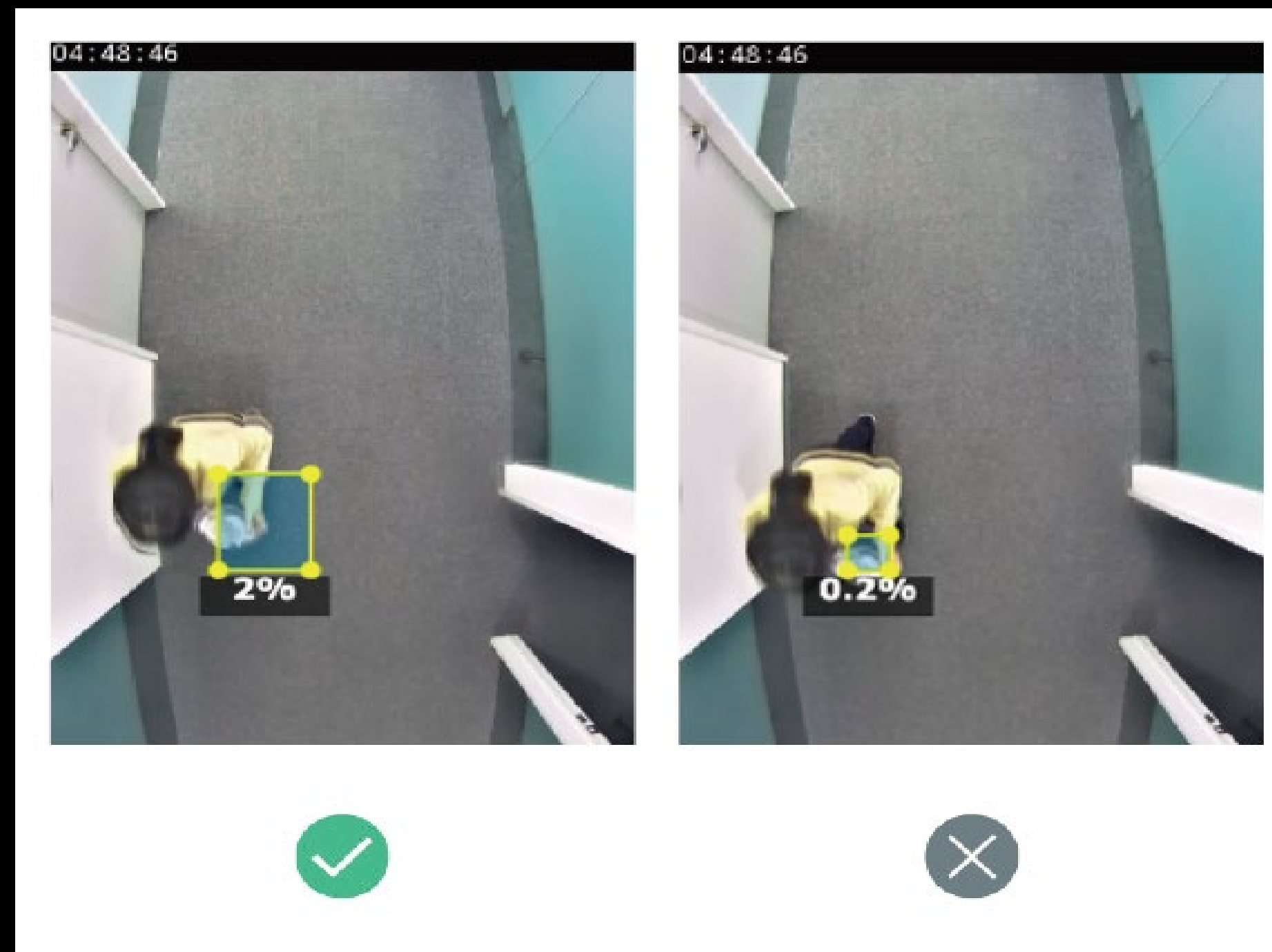


Camera Selection



DVA Configuration

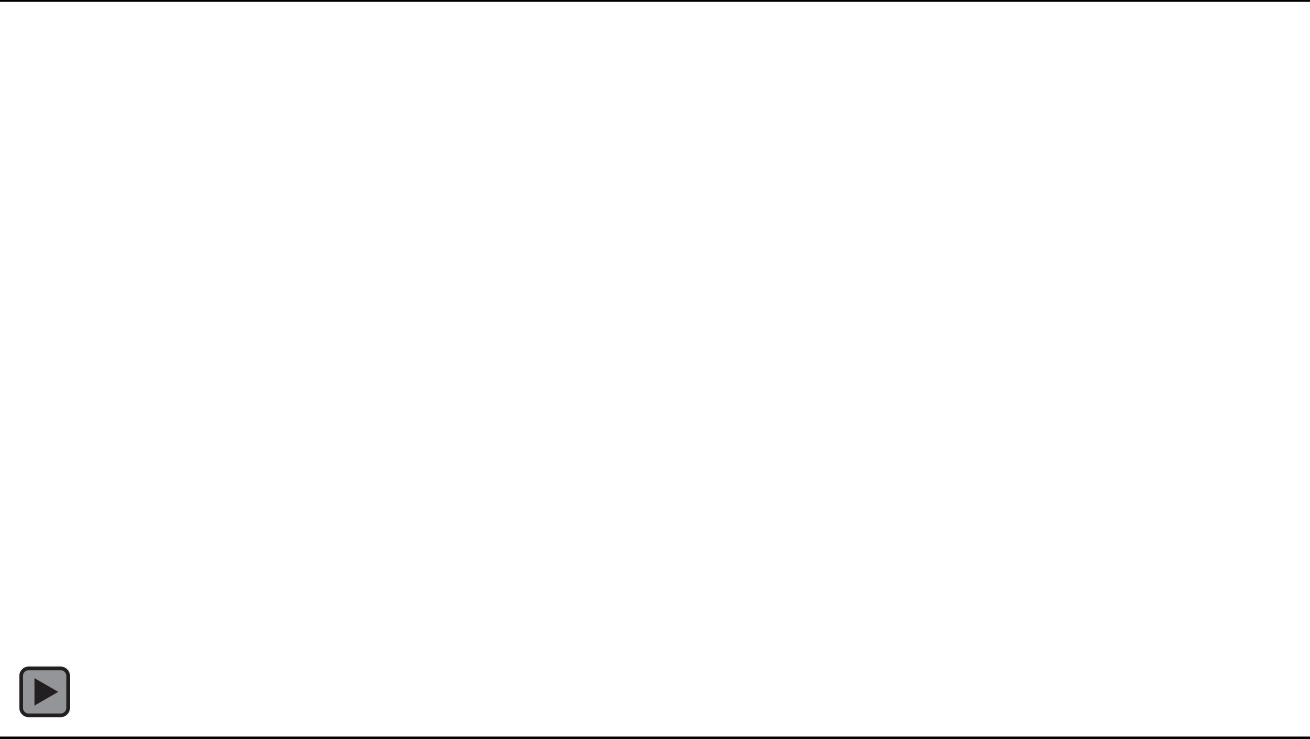
DVA Configuration



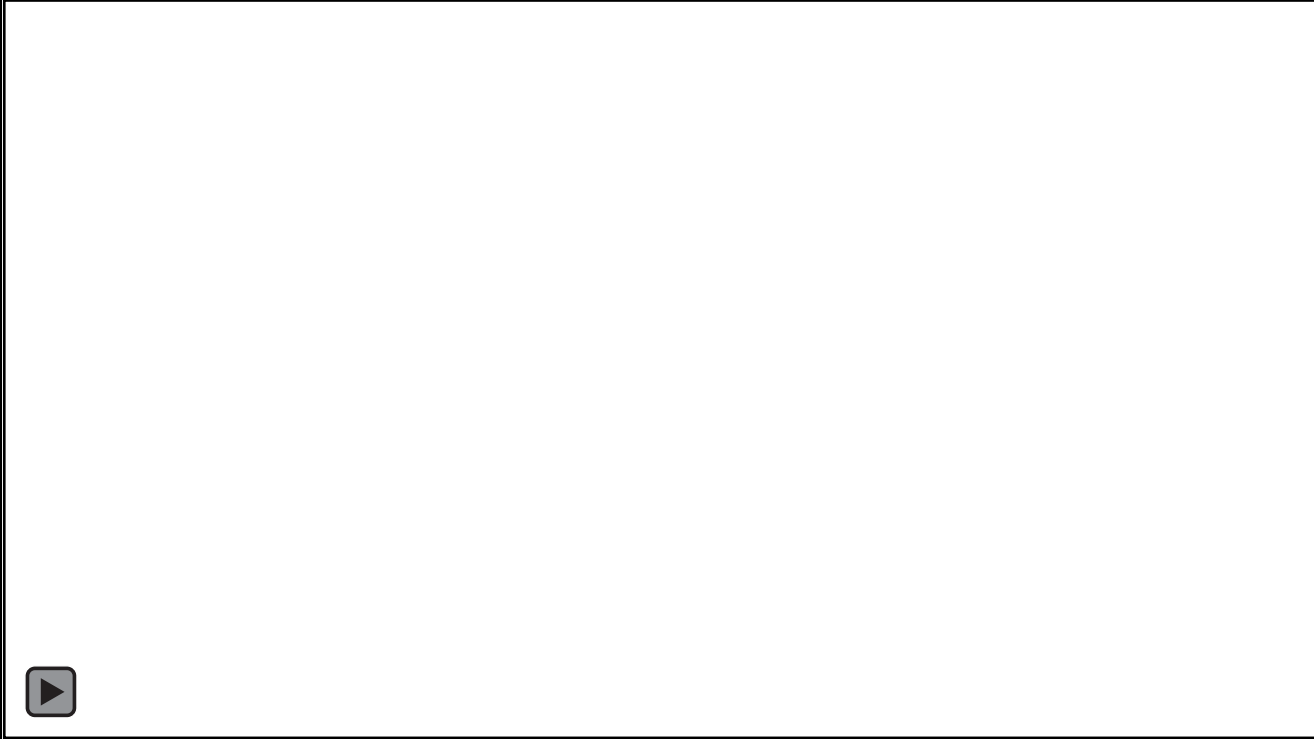
Taipei Station Front Metro Mall



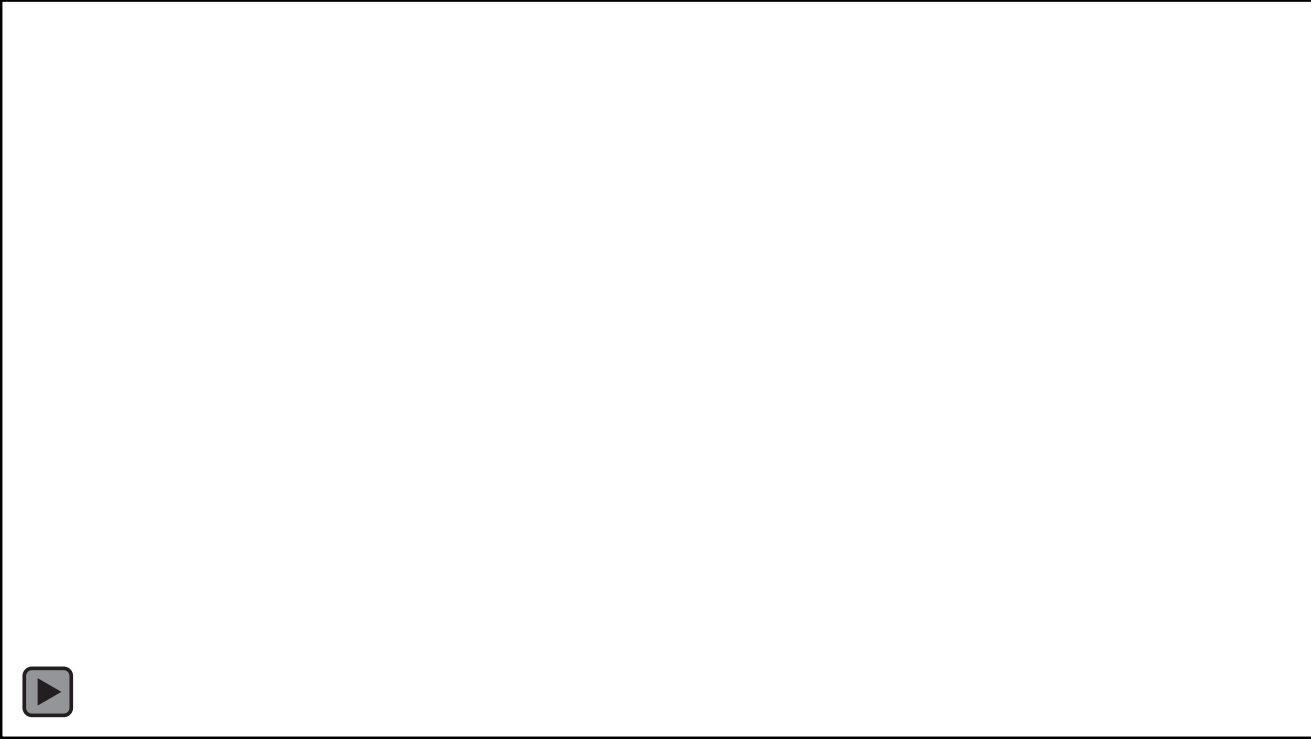
Intrusion Detection



No-Idle Zone

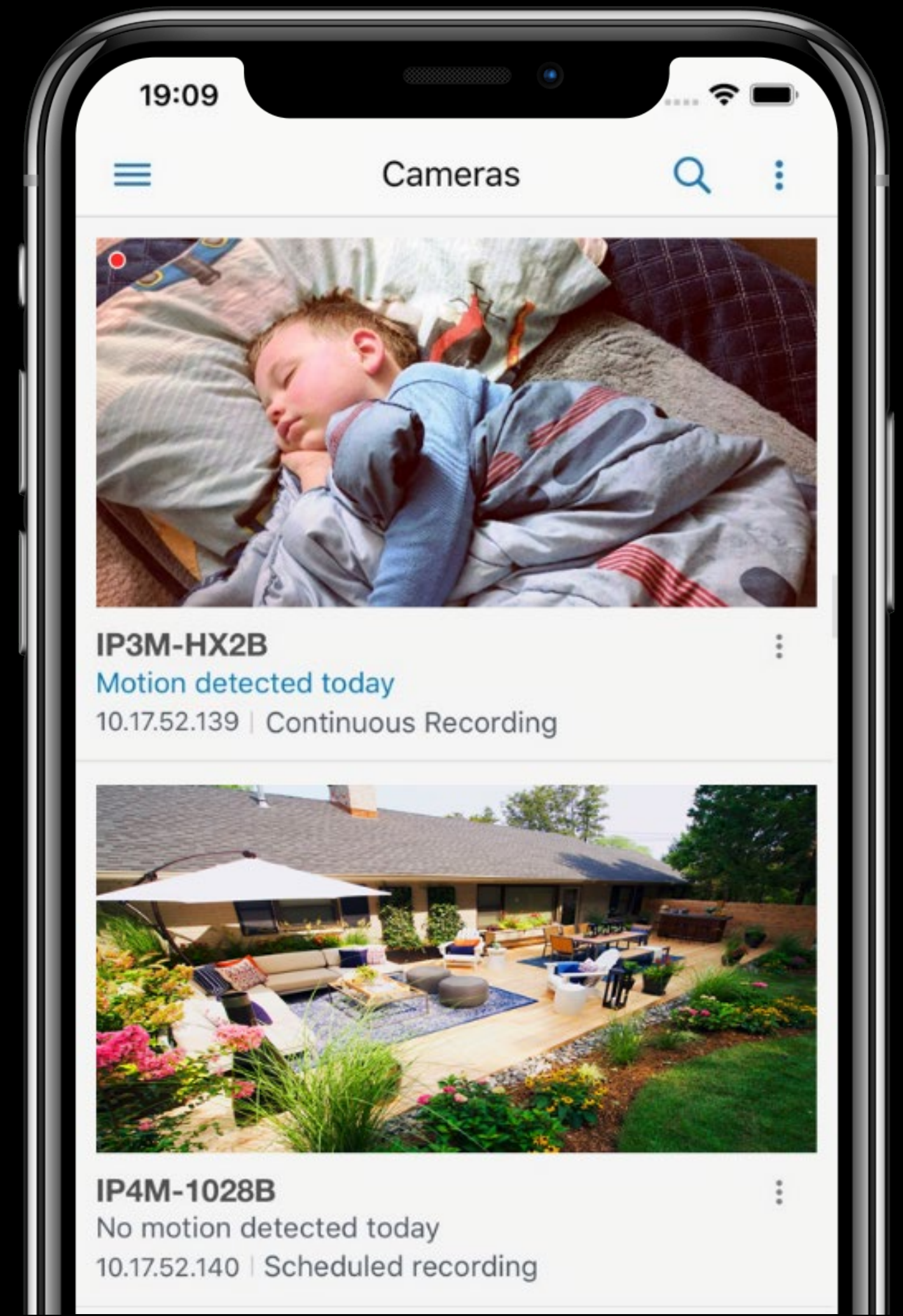


Deep Motion Detection



Surveillance in control

- 260K monthly active users
- Real-time monitoring with **DS cam**

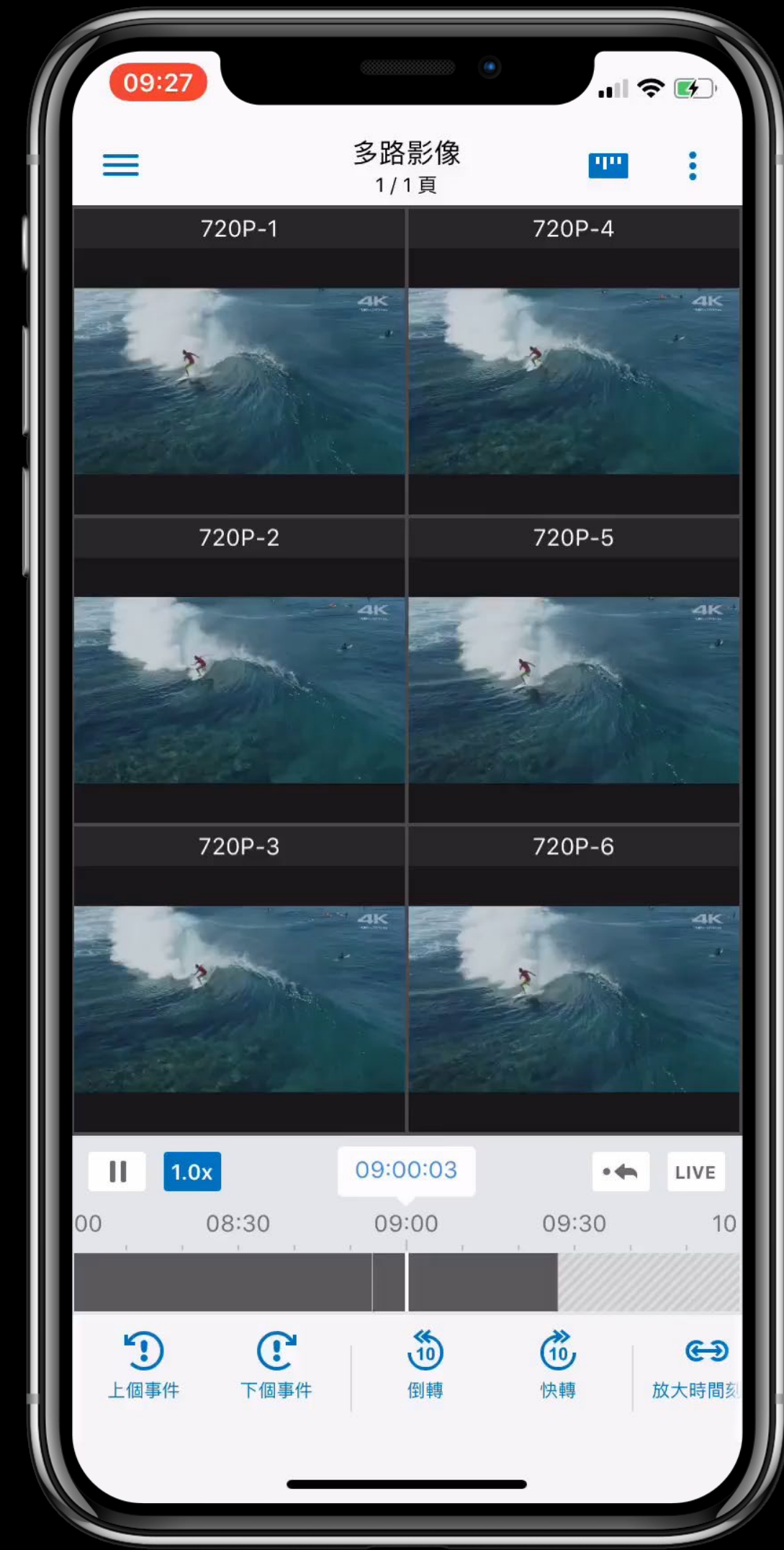


Enhance
Playback
Performance

Optimize
User
Experience

Enhance Playback Performance

- iOS/Android mobile hardware acceleration
- Fast playback with key frame

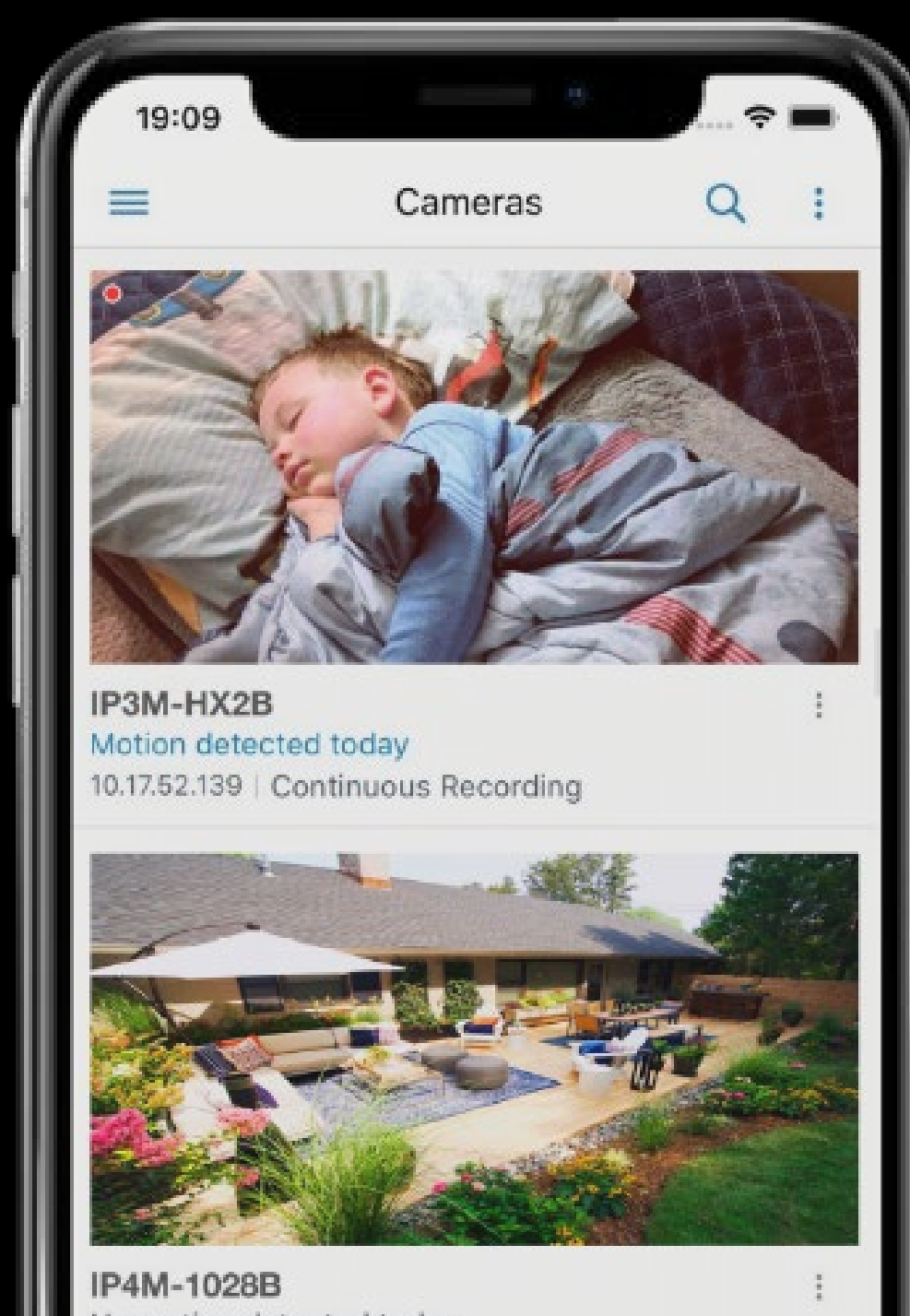


Optimize User Experience

Multiple
Operations



Layout
Adjustment



Support AirPlay





Data Privacy & Security

Synology Drive

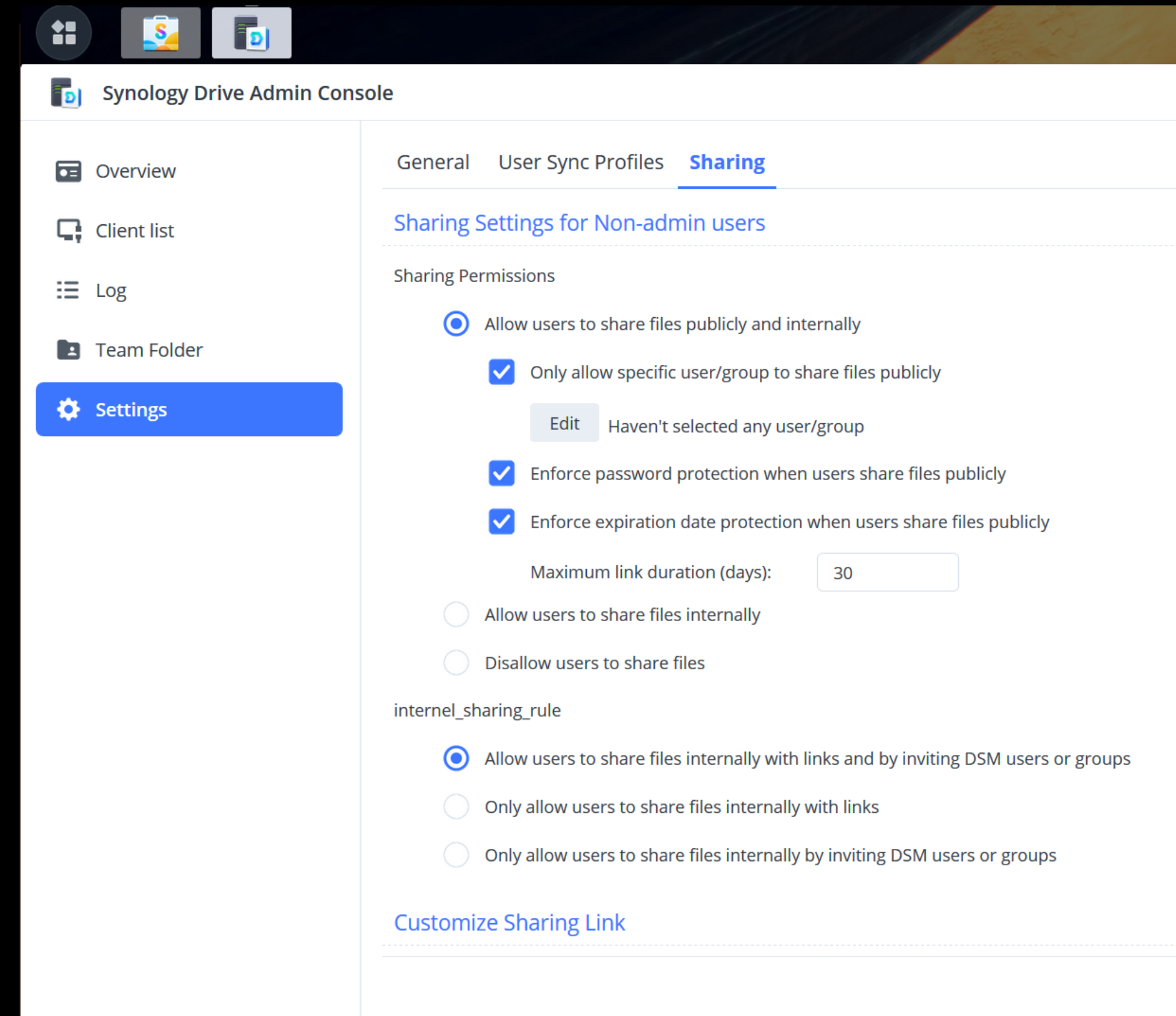
Fulfilling different scales of file
collaboration



Synology Drive Admin

Control External Sharing

- Configure the default employee sharing policy
- Password and expiration date protection are now mandatory fields



Synology Drive

Build a **safer** enterprise **file sharing** scenario

Access

Enterprise
file sharing rule

Admin

Real-time control of the
shared files

Audit

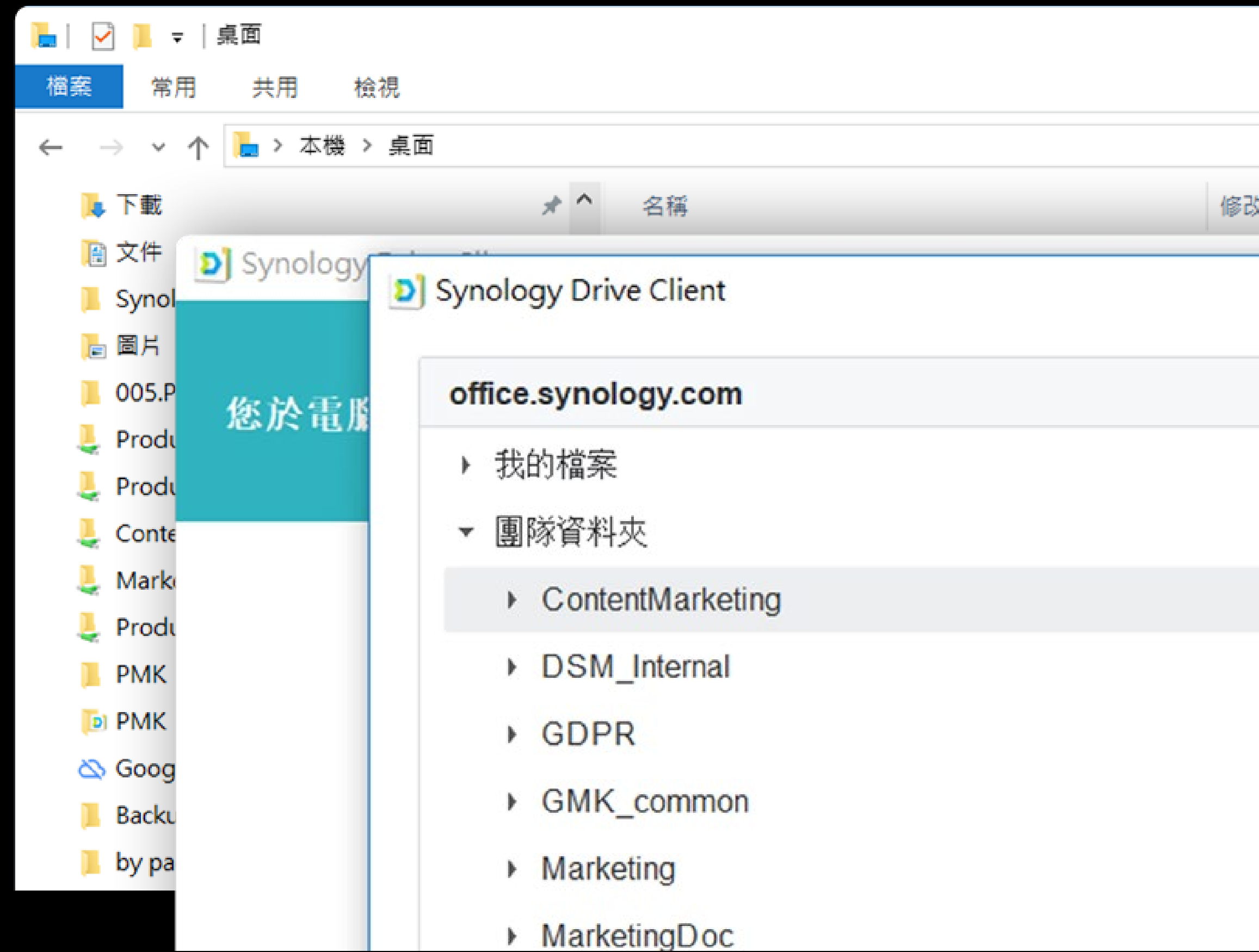
Realize enterprise
auditing management

The background is a dark, textured field filled with numerous small, light-colored dots and larger, semi-transparent geometric shapes, primarily triangles and polygons, in shades of gray. These elements are scattered across the frame, creating a sense of depth and complexity, reminiscent of a digital or network environment.

One portal for
all file access

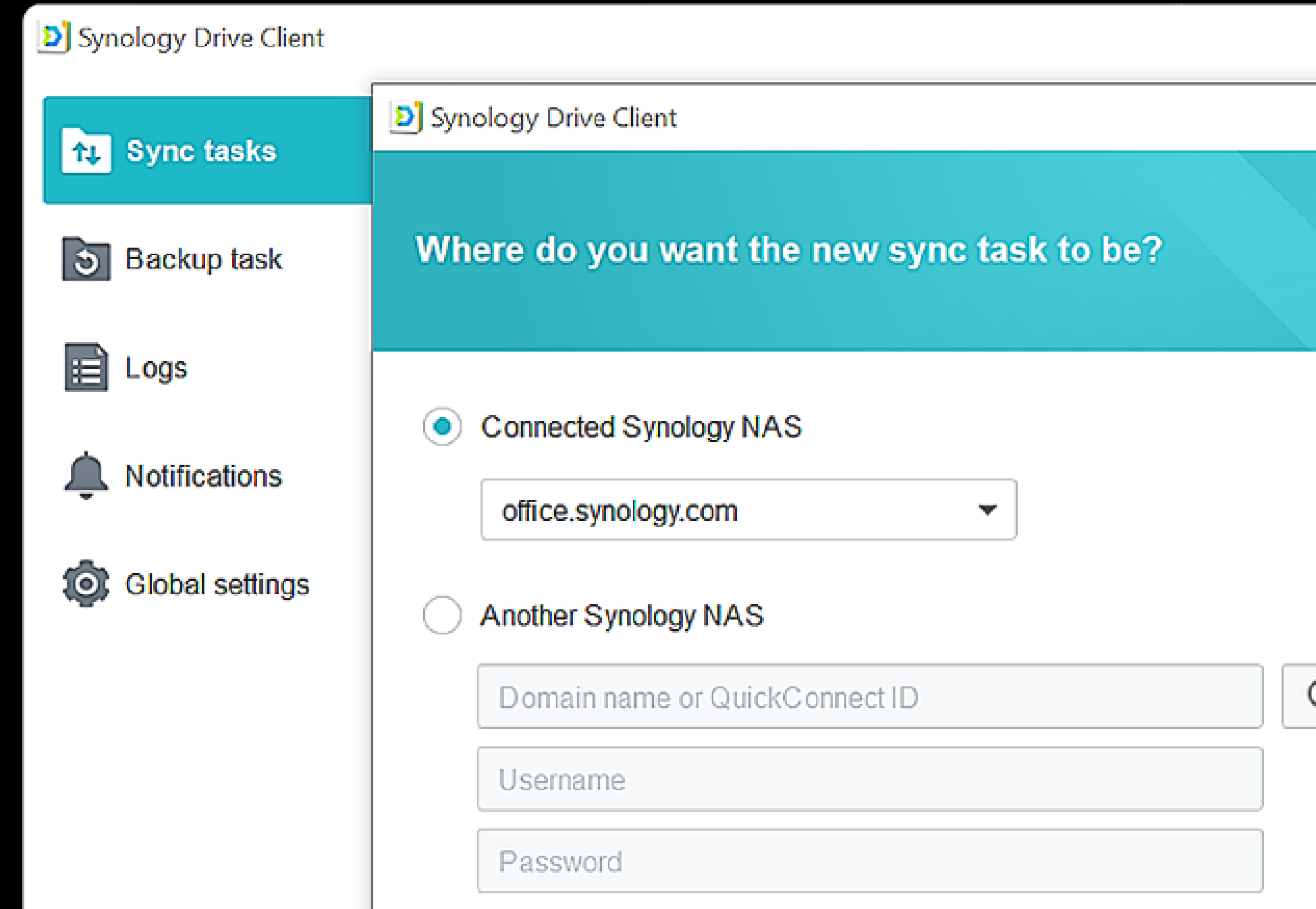
On-premises

On-demand sync to on-premises



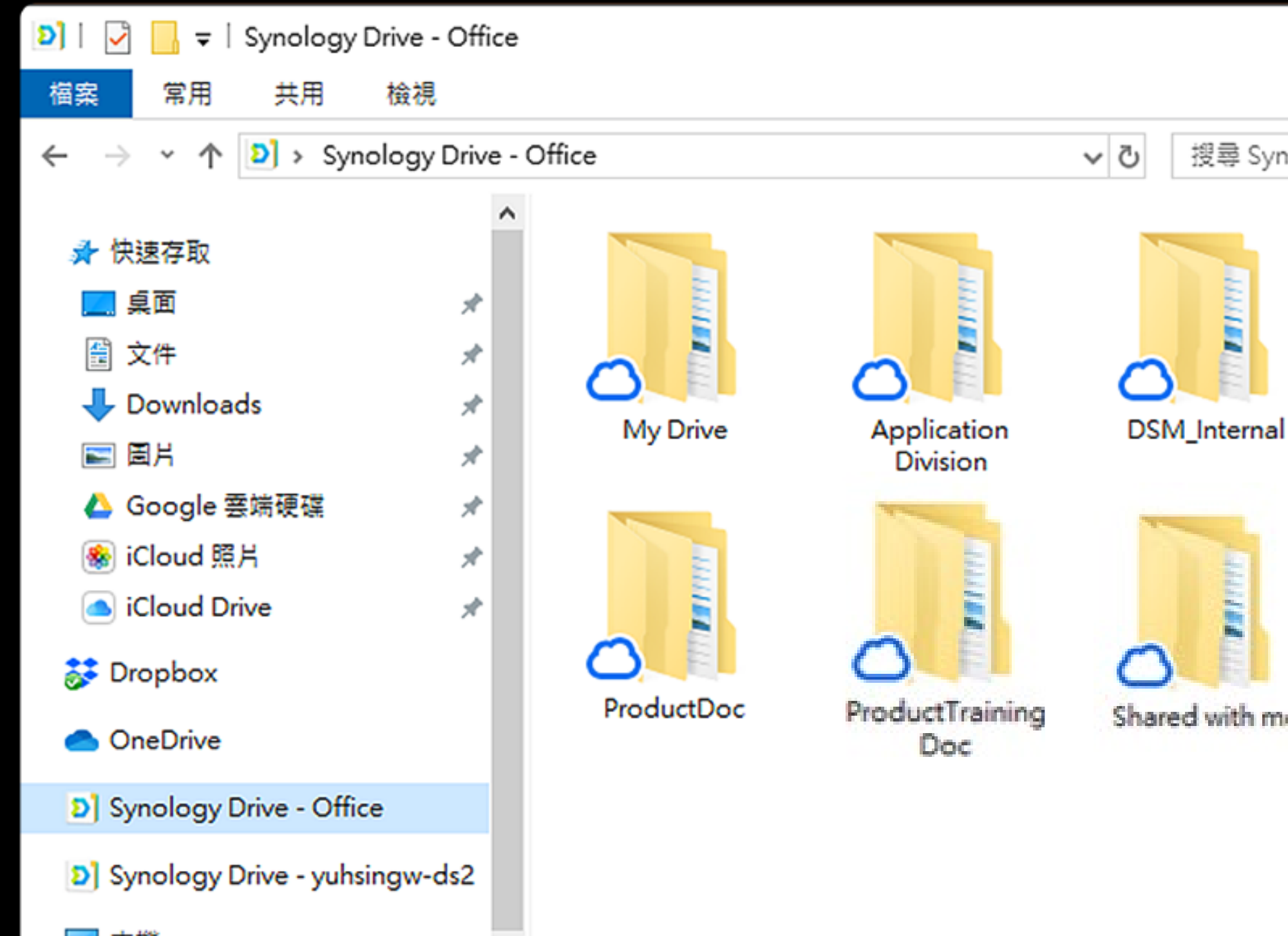
Synology Drive Desktop On-demand Sync 2.0

- Log in desktop to instantly access all your files on NAS
- No need to configure the sync folder
- No need to occupy local capacity



Synology Drive Desktop On-demand Sync 2.0

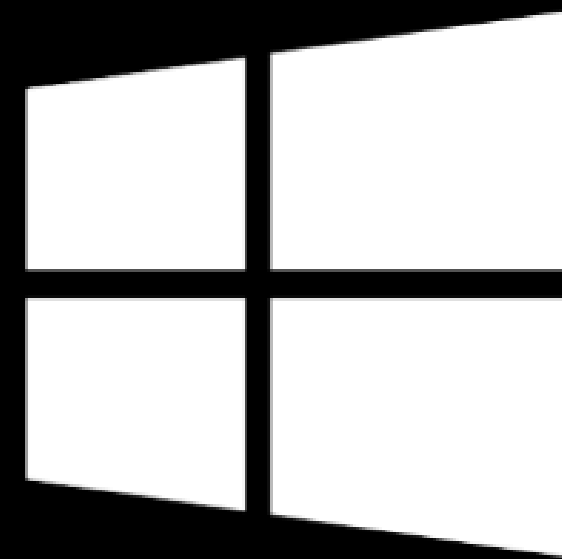
- Log in desktop to instantly access all your files on NAS
- No need to configure the sync folder
- No need to occupy local capacity



Synology Drive Desktop

On-demand Sync 2.0

- Log in desktop to instantly access all your files on NAS
- No need to configure the sync folder
- No need to occupy local capacity



Windows



Mac



The problem that
enterprises
will encounter at some point

Single Point

Insufficient storage capacity
Time-consuming DR



Multi-site

Duplicated space occupancy
Inefficient file exchange



Synology C2 Public Cloud

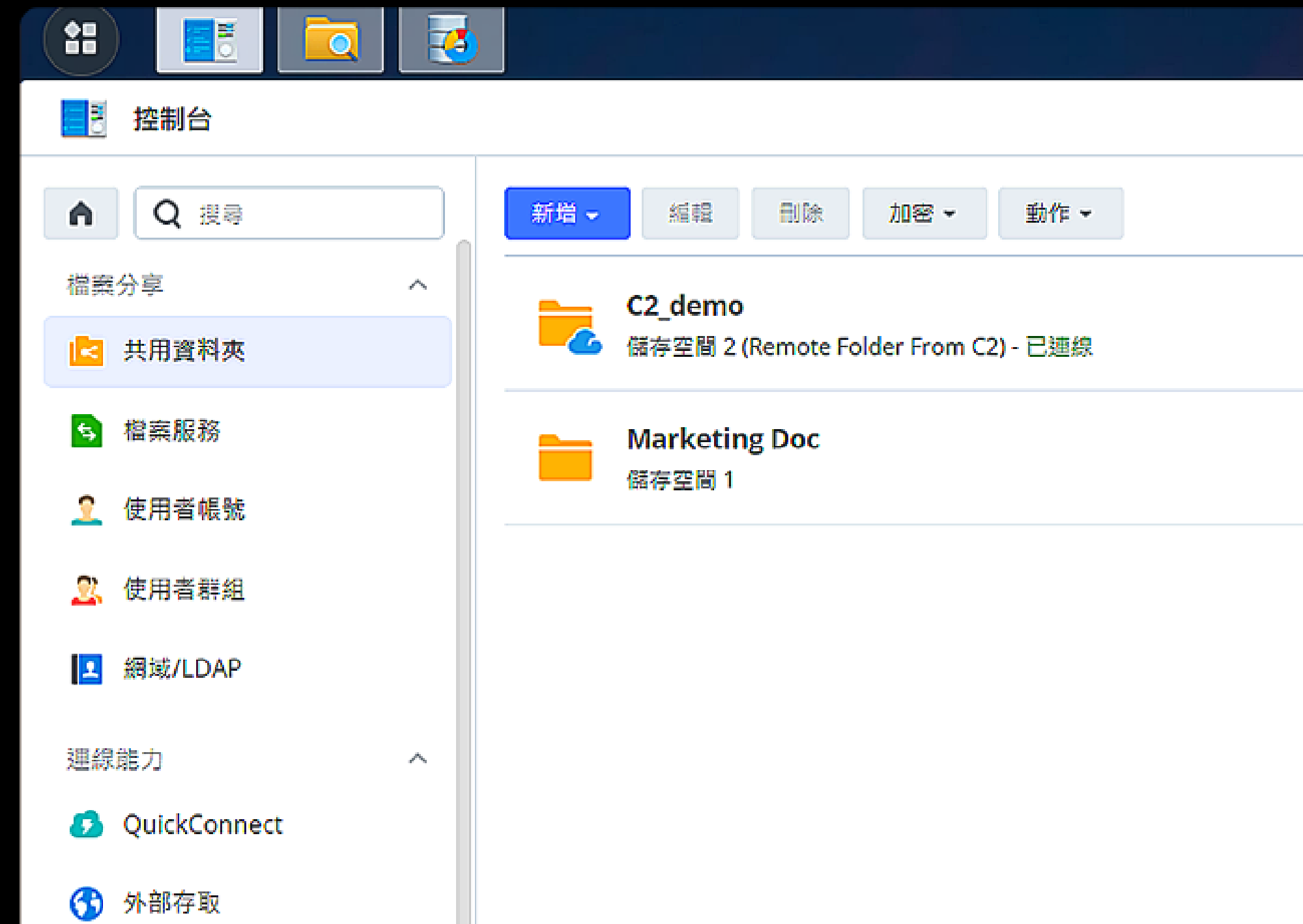
The hybrid cloud that integrates Synology NAS & Synology C2

Synology Hybrid Share

Synology Hybrid Cloud Experience

Hybrid Share

- Shared folder created on Synology C2
- Support SMB, AFP, NFS file protocol



Single Point



Insufficient
Storage Capacity



Time-consuming
Disaster Recovery

Single Point

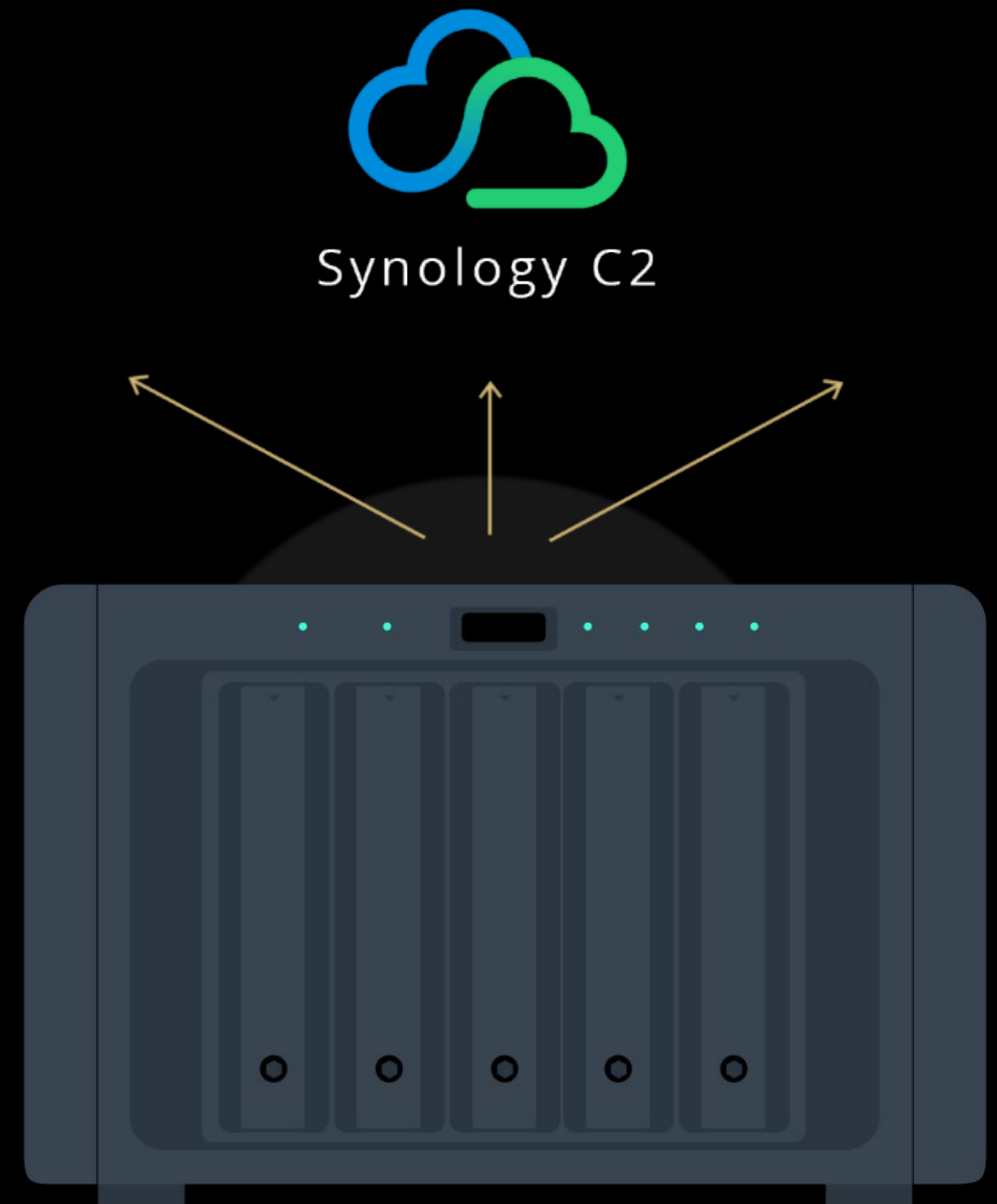


Insufficient
Storage Capacity

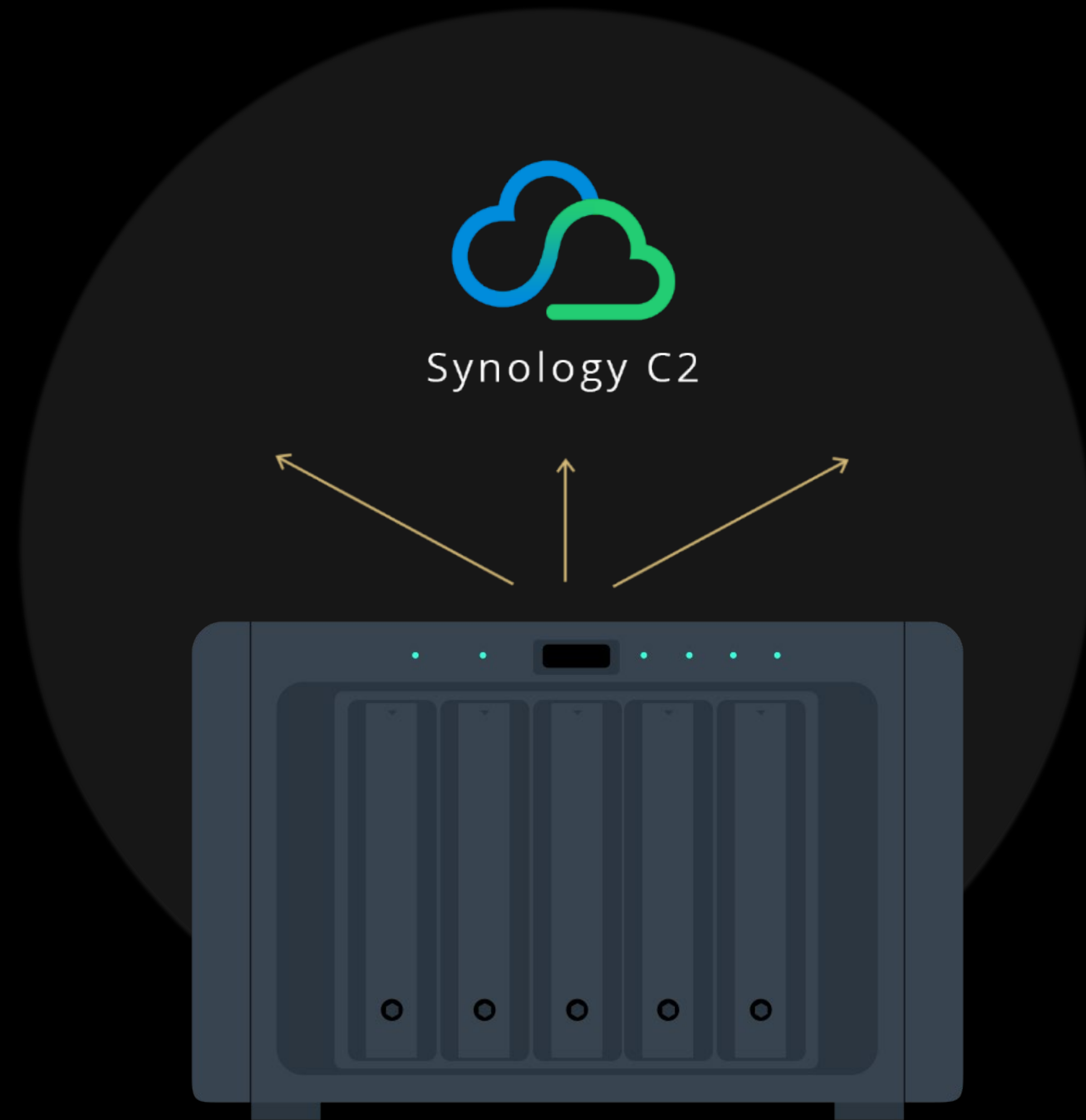


Time-consuming
Disaster Recovery

Rapid expansion
to unlimited
Synology C2 space



Rapid expansion
to unlimited
Synology C2 space





Synology C2

Access Files on the Cloud?



Locally caching files on the Cloud

Keep regularly used hot files on Synology NAS,
and access at LAN speed.



Synology C2



Single Point



Insufficient
Storage Capacity



Time-consuming
Disaster Recovery

Fast File Recovery

Synology Hybrid Share



Fast Config Recovery

DSM 7.0 auto Config Backup

Multi-site



Duplicate Space
Occupancy

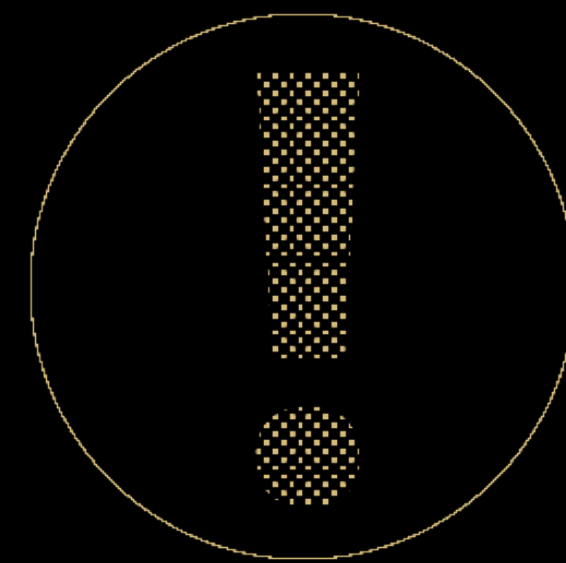


Inefficient
File Exchange

Multi-site

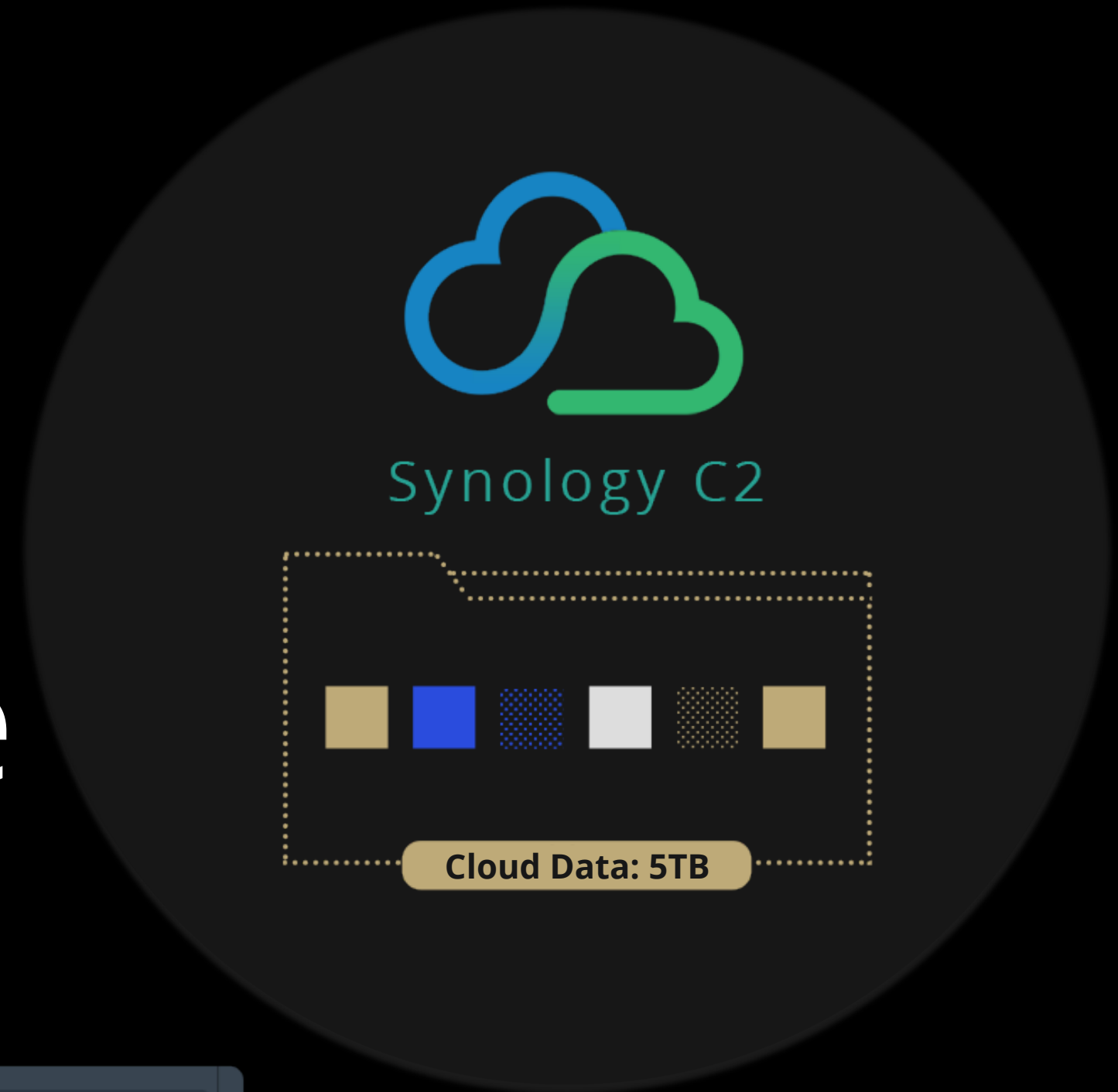


Duplicate Space
Occupancy



Inefficient
File Exchange

Saving storage space for individual site



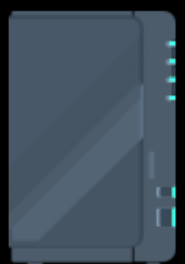
Taiwan HQ



USA



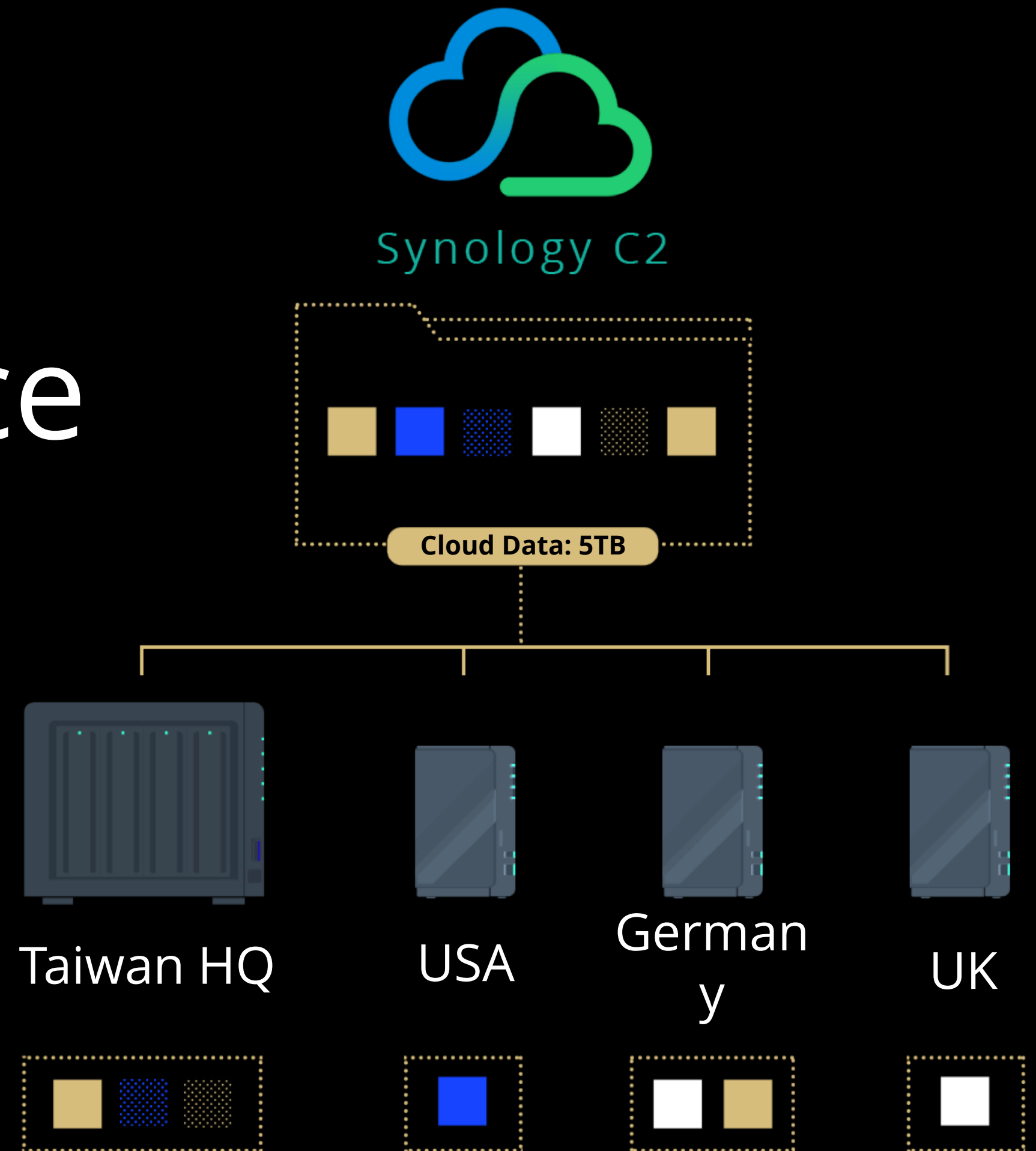
German
y



UK

Saving storage space for individual site

Create Intelligent Frequently-Used Cache in Each Site



Multi-site



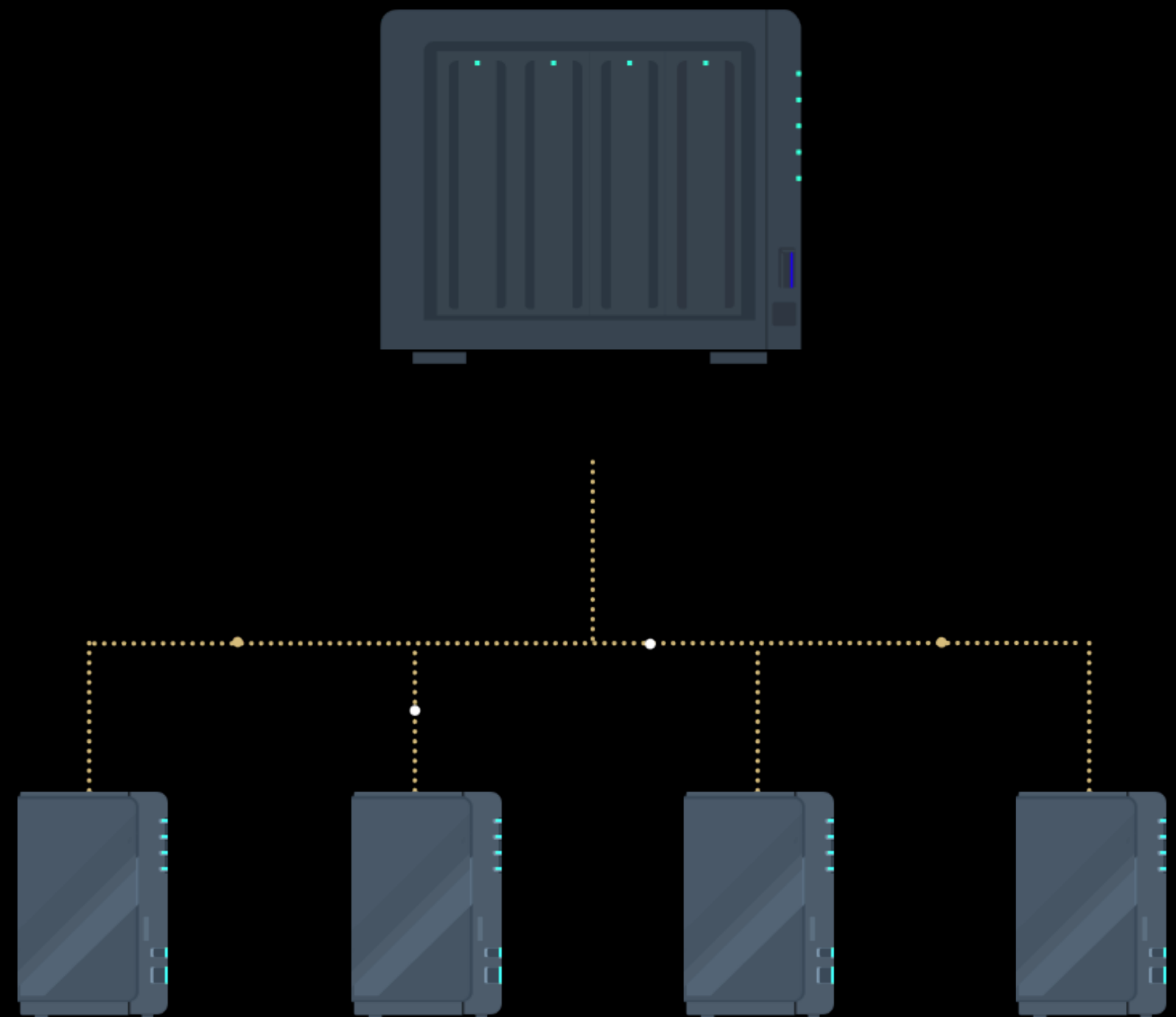
Duplicate Space
Occupancy



Inefficient
File Exchange

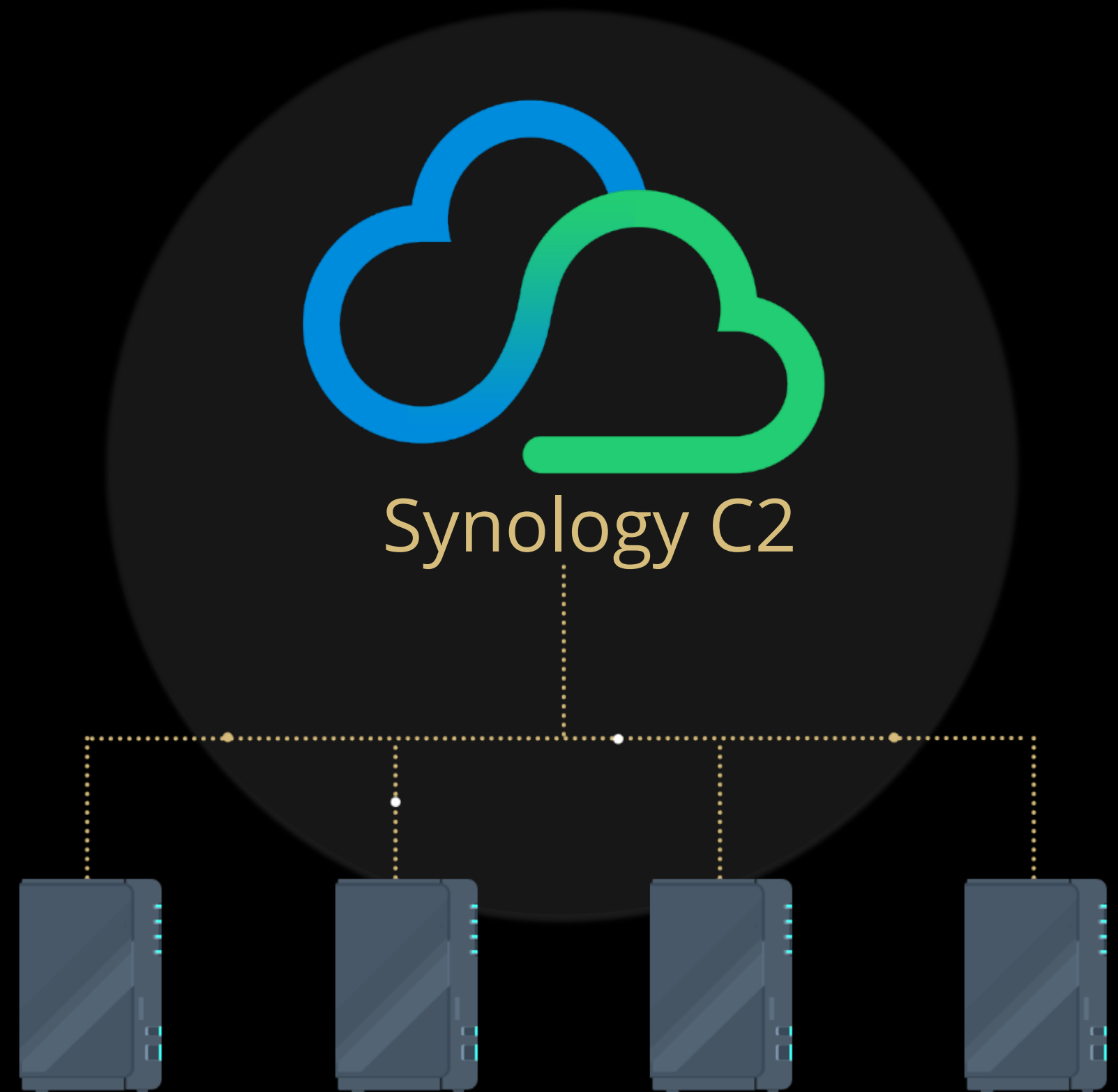
Occupied HQ External Bandwidth

Scheduled sync may result in
delayed file sharing



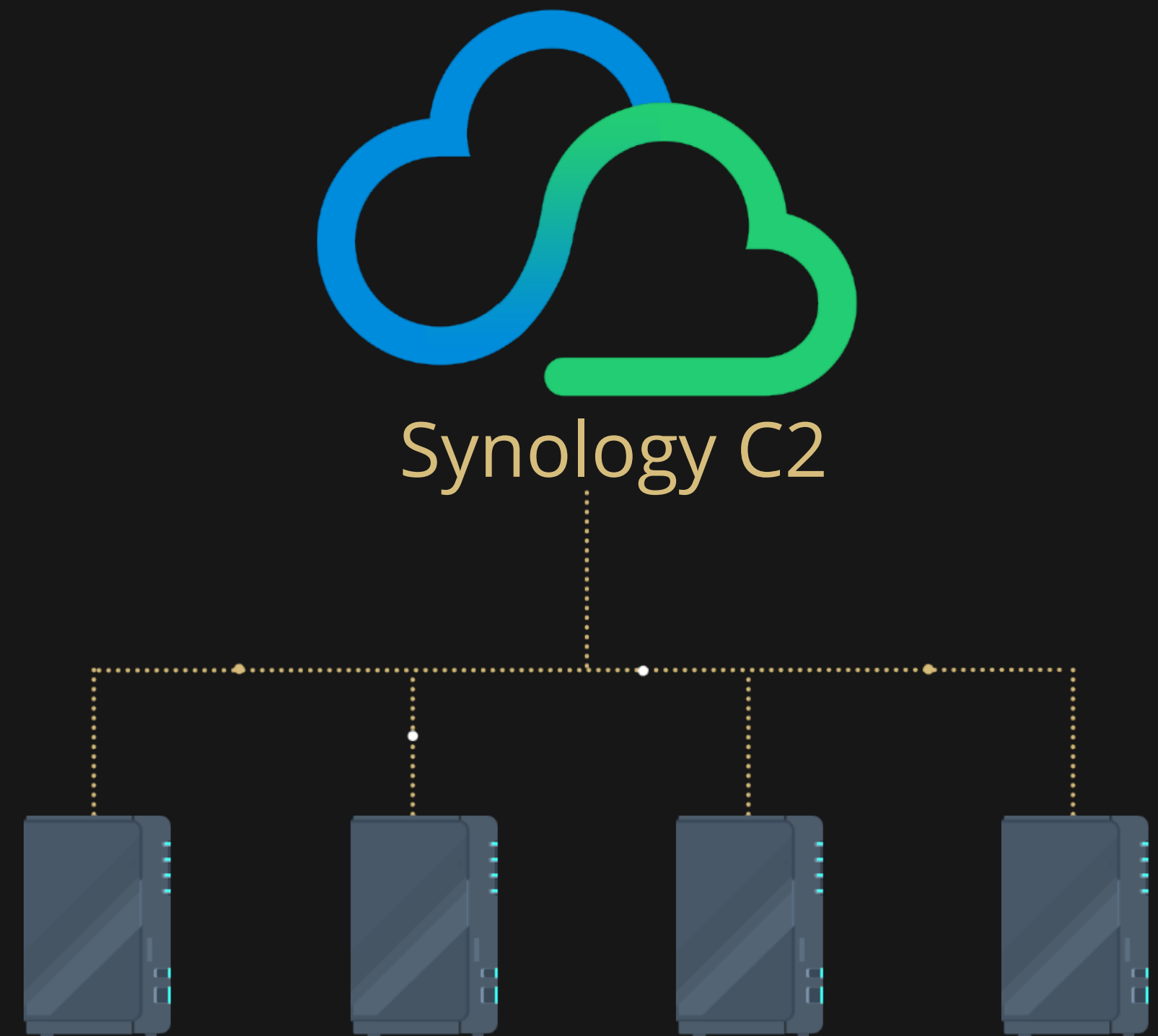
Hybrid Share

- Real-time file version change notification
- Does not occupy headquarters external bandwidth



Hybrid Share

- Real-time file version change notification
- Does not occupy headquarters external bandwidth





Single Point

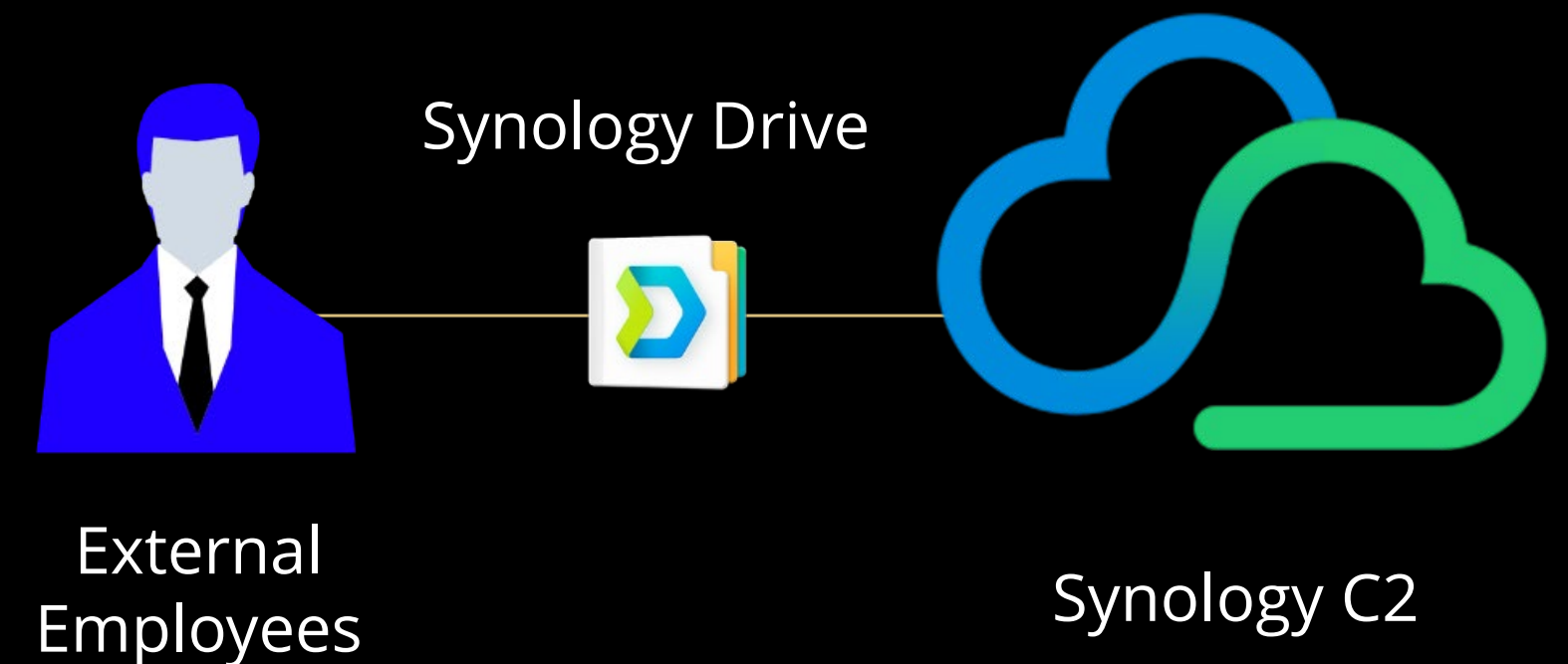
Multi-site

Fast data
recovery

Hybrid Share | Synology Drive

Saving External Sharing Bandwidth

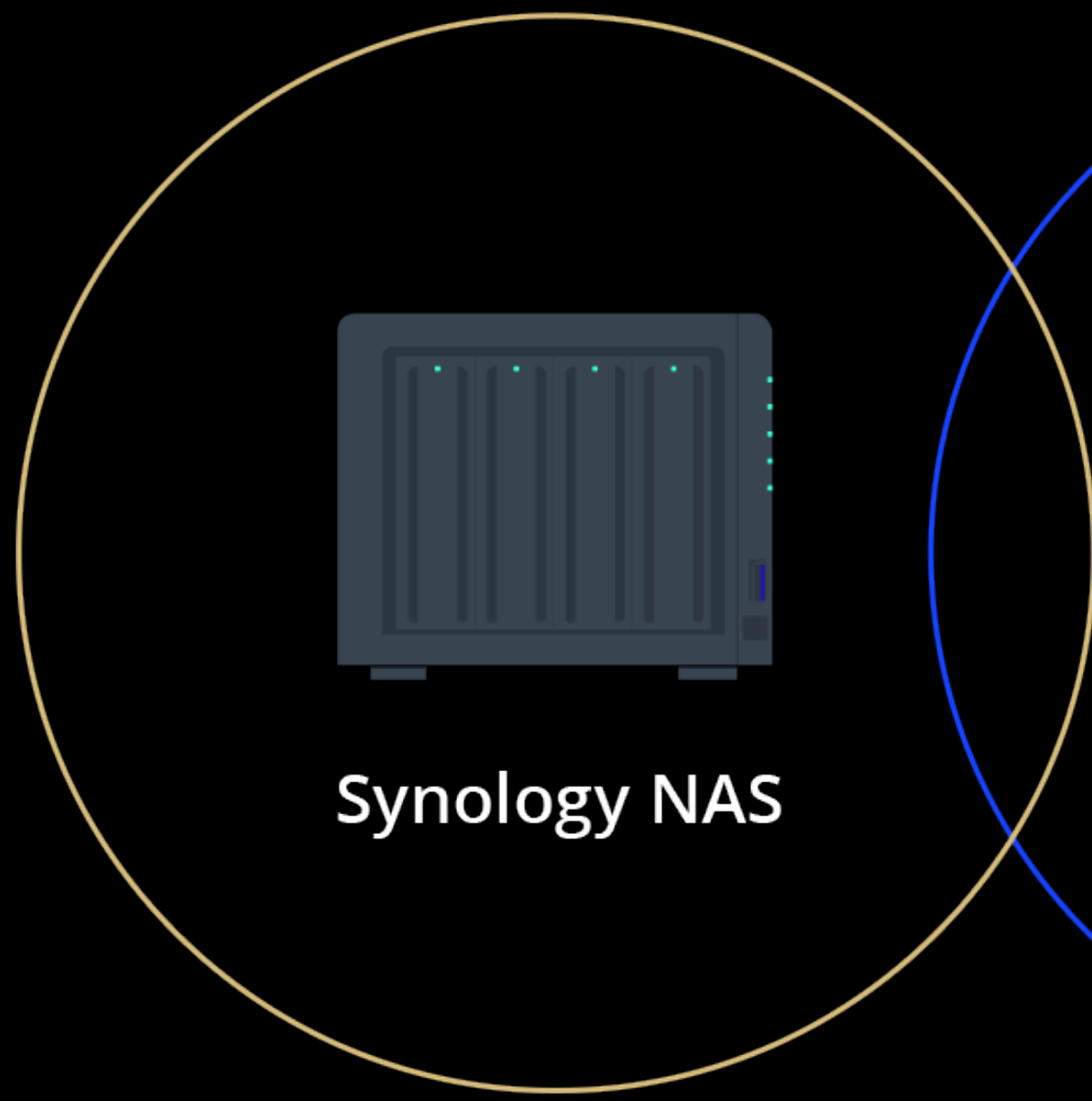
- Integrate sharing with Synology Drive
- For external access, file downloads will be through Synology C2



Privacy

Security

Speed



Synology NAS



Synology C2

Availability

Scalability

Bandwidth



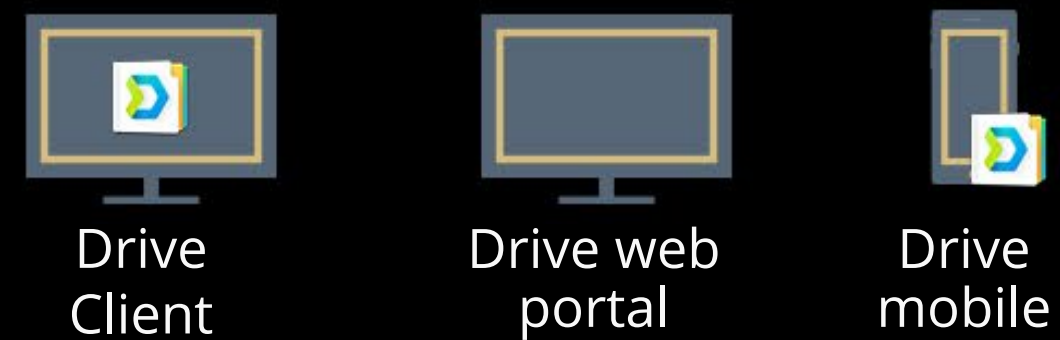
HQ Employees



Branch Offices



Remote Employees





The hybrid cloud that integrates Synology NAS & Synology C2

Synology Hybrid Share

The background features a dark, abstract digital landscape. It is composed of a network of thin, golden-yellow lines that connect various points, creating a sense of connectivity and data flow. These lines are interspersed with vertical columns of binary code (0s and 1s) in the same golden-yellow color. The overall effect is a futuristic, high-tech aesthetic that suggests a digital environment or a network infrastructure.

Synology C2 Partner Portal

Synology C2 Partner Portal

- Dedicated portal for providers who want to sell C2 as part of their portfolio
- Provider manages subscriptions for their clients directly
- Separate account for each individual client

Hi **Ivan Lebowski**,
Start using C2 Partner Portal now!

Add users to your management list now. You will follow the below steps to add your users.

- 1 Enter users' Synology Accounts
- 2 Select the plan for the user
- 3 Enter the payment information
- 4 Send an invitation to the user
- 5 The user accepts the invitation

[Invite Users](#)

[Close](#)



Synology C2 Partner Portal

Coming Q4 2019

Brand New Hardware

Meet All User Demands


```
..._mod = modifier_ob.modifiers.new("mirror_ob")
... object to mirror_ob
..._mod.mirror_object = mirror_ob

... == "MIRROR_X":
..._mod.use_x = True
..._mod.use_y = False
..._mod.use_z = False
... == "MIRROR_Y":
..._mod.use_x = False
..._mod.use_y = True
..._mod.use_z = False
... == "MIRROR_Z":
..._mod.use_x = False
..._mod.use_y = False
..._mod.use_z = True

... at the end -add back the deselected
..._ob.select=1
...st.scene.objects.active = modifier_ob
...selected" + str(modifier_ob)) # modifier
..._ob.select = 0
...y.context.selected_objects[0]
...e.objects[one.name].select = 1

...("please select exactly two objects,
...
... OPERATOR CLASSES -----
...
... _select""
```

Outstanding
Performance



High
Availability



Extreme
Density



Outstanding
Performance



High
Availability



Extreme
Density

Performance

240,000

161,000

134,000

FS6400

Intel® Xeon® Silver 8-core CPU



FS3600

Intel® Xeon® D 12-core CPU



FS3400

Intel® Xeon® D 8-core CPU



All-flash Product Line

Price

SA3400

SA3600

Enterprise SAS Product Line

Intel® Xeon® D 8-core processor
137,000 iSCSI random write IOPS
Support up to 128GB DDR4 ECC RDIMM

Intel® Xeon® D 12-core processor
XXX,000 iSCSI random write IOPS
Expandable up to 180 hard drives





Outstanding
Performance



High
Availability

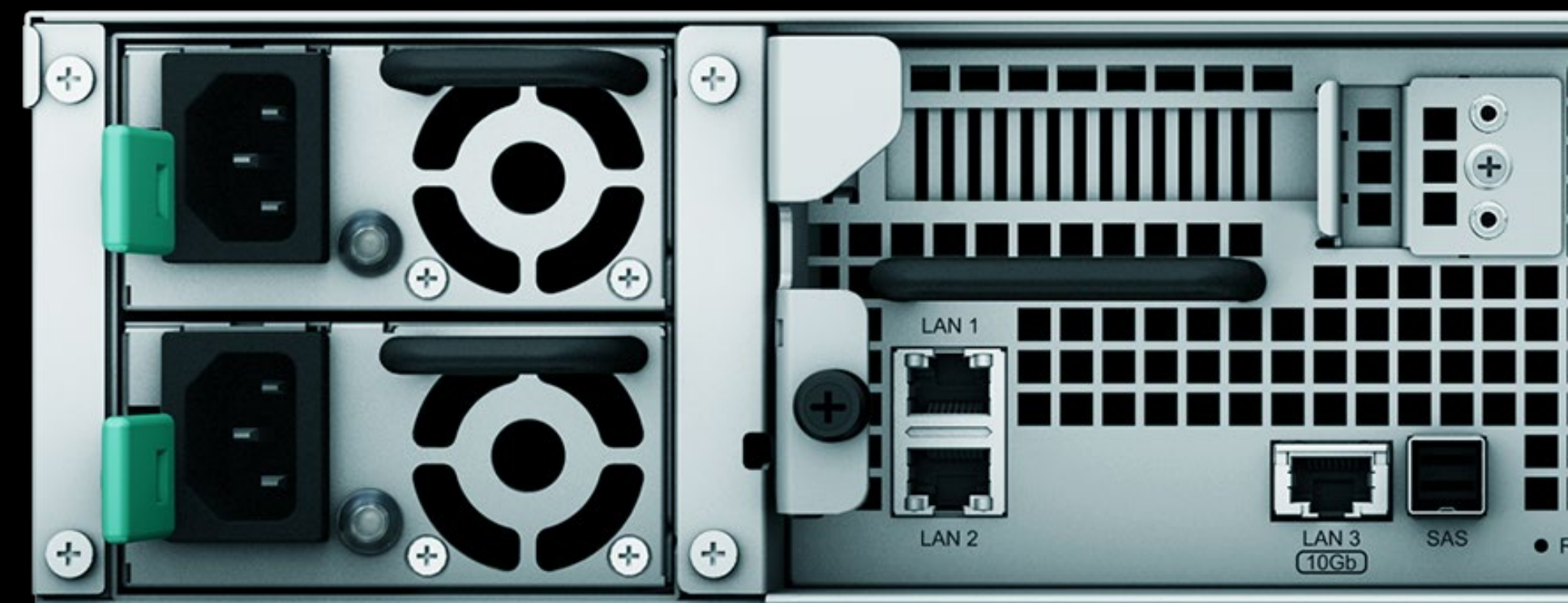


Extreme
Density

Unified Controller

UC3200

- Active-Active architecture
- 141,000 4K random write performance
- Provide high available iSCSI service



Enterprise SAS

SA3200D

- Active-Passive architecture
- Intel® Xeon® D 4-core processor
- Run on DSM with full support for packages



UC3200

Active-Active

High-performance and stable iSCSI service
Full feature and package support



SA3200D

Active-Passive

Comprehensive data protection
Full feature and package support



Synology High Availability

Active-Passive

Flexible budget allocation
Full feature and package support





Outstanding
Performance



High
Availability



Extreme
Density

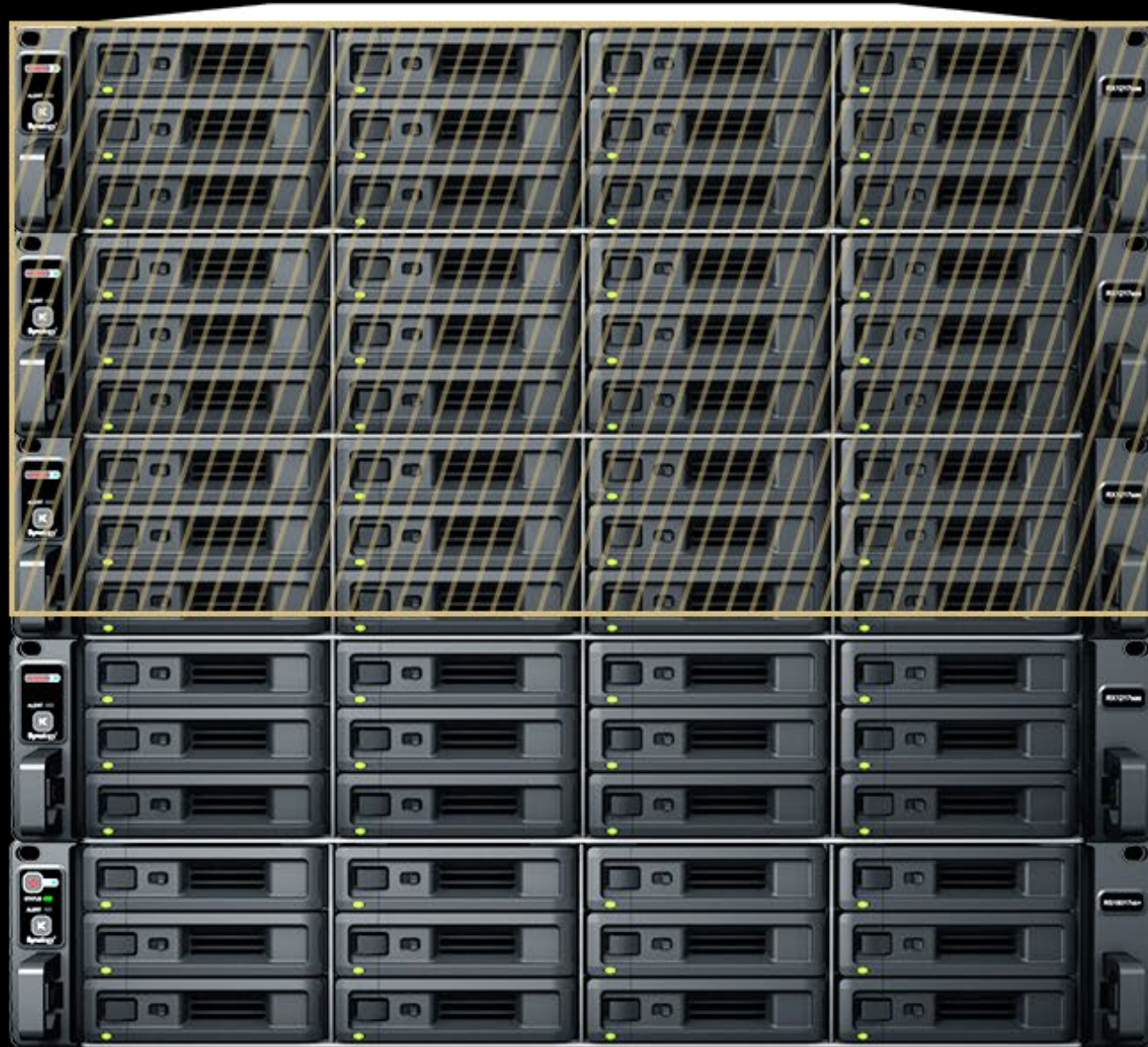
High Density / First 4U high-density server

HD6400

- 4U 60-bay to support up to 960TB
- Dual Intel® Xeon® Silver 8-core processor
- Expandable up to 512GB ECC RDIMM



Maximize Storage Density



RS18017xs+ & RX1217sas x 4



HD6400



Enterprise Servicing

A customized Service Level Agreement

Enterprise Servicing

Third-Party Service Provider

- Next Business Day 9X5
- Same Day 4h on-site 9X5
- Same Day 4h on-site 24X7



Build A Better World with Data



Product Manager
Richard Weyts



Synology[®] 20th Anniversary

Synology®

S Y N O L O G Y
2 0 2 0