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

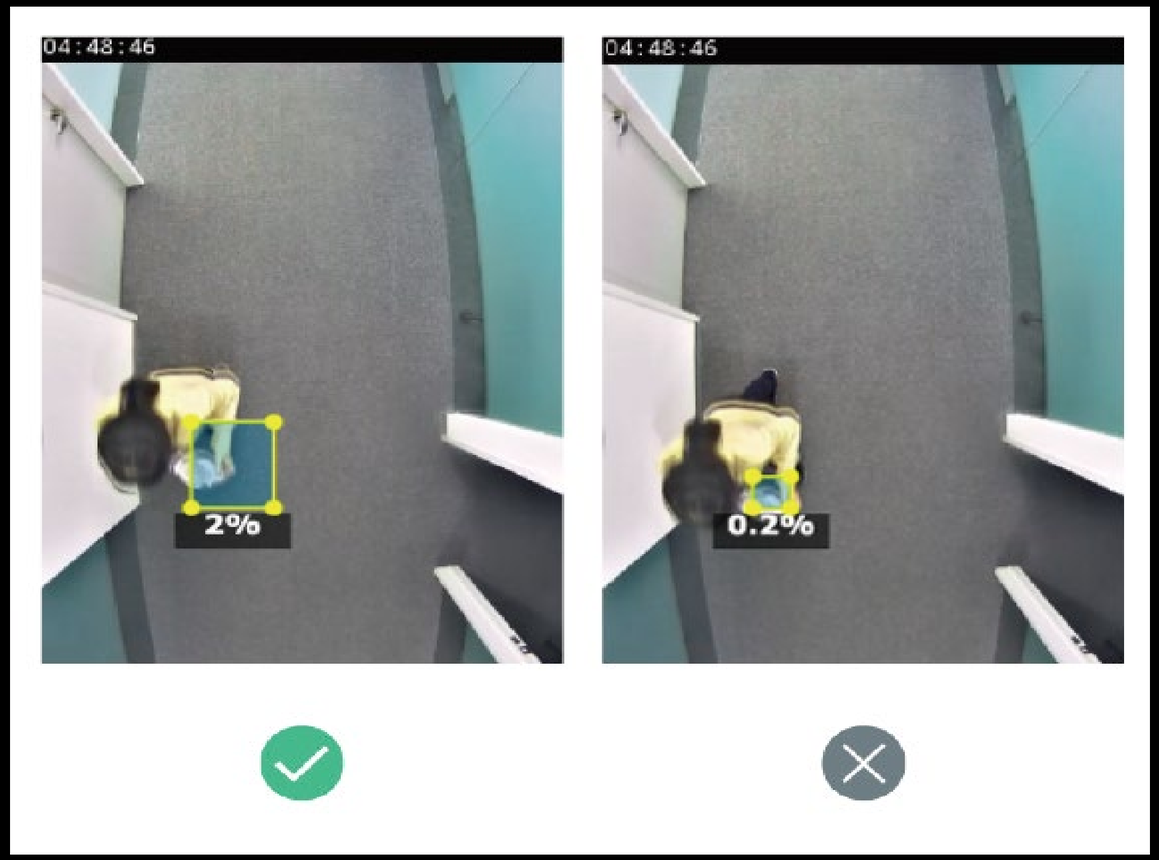
- Real-time on-premises analytics
- Ensure surveillance privacy
- Zero hidden costs

Challenges in the real world

Camera Selection

DVA Configuration

DVA Configuration



Taipei Station Front Metro Mall

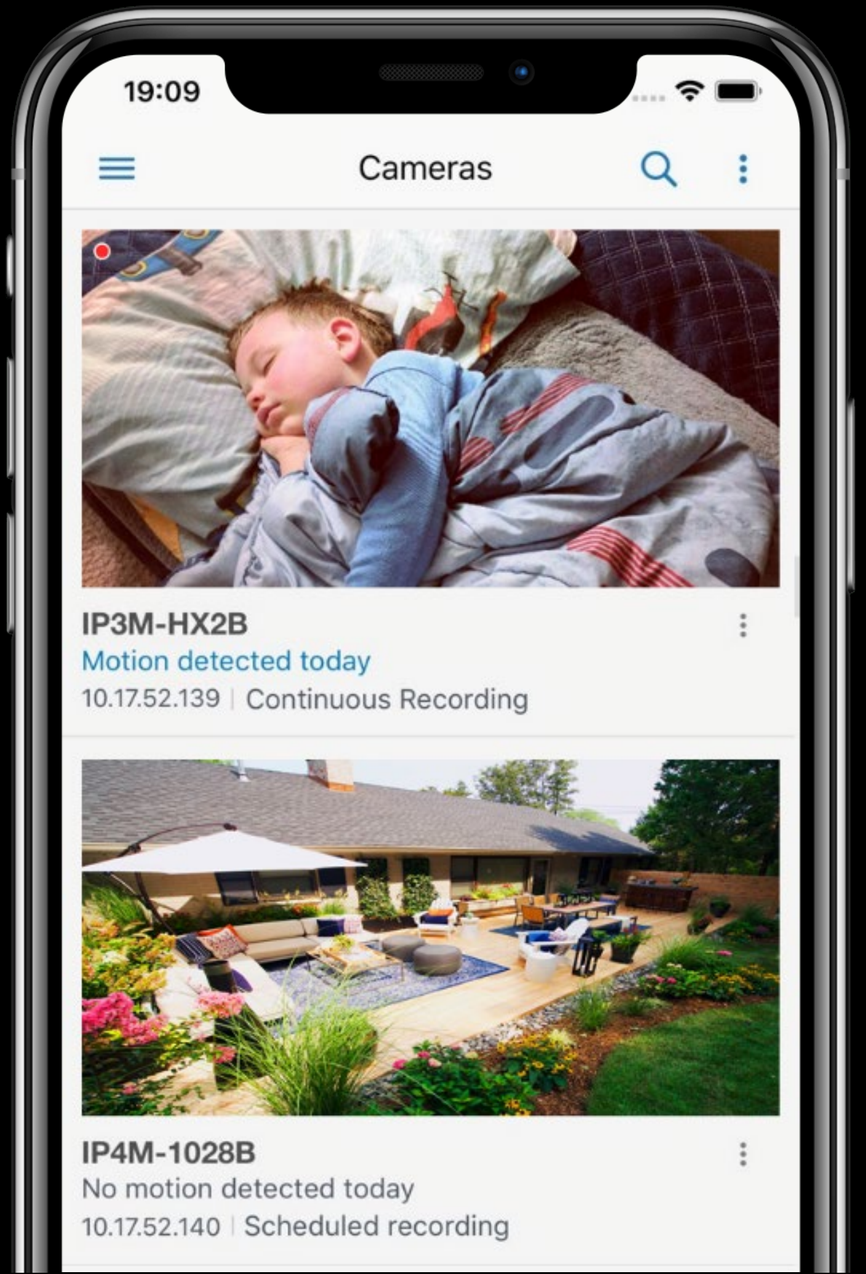
Intrusion Detection

No-Idle Zone

Deep Motion Detection

Surveillance in control

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

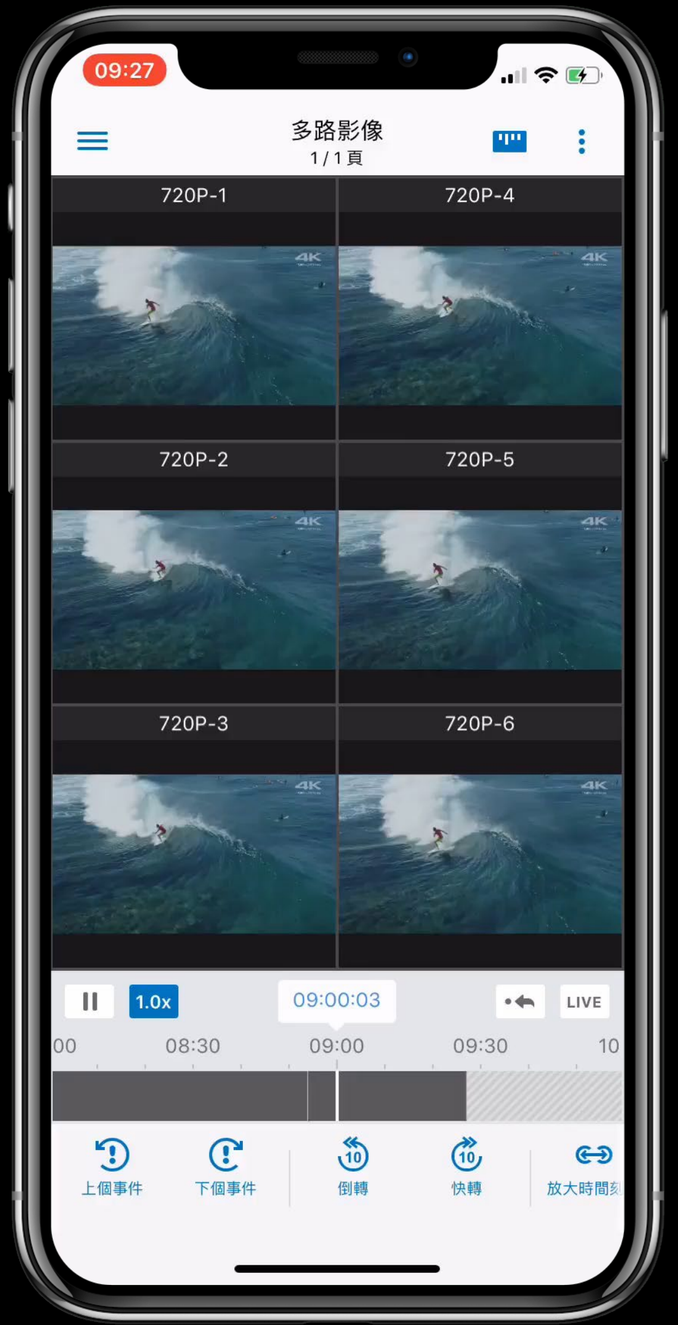


Enhance Playback Performance

Optimize User Experience

Enhance Playback Performance

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



Optimize User Experience

Multiple Operations

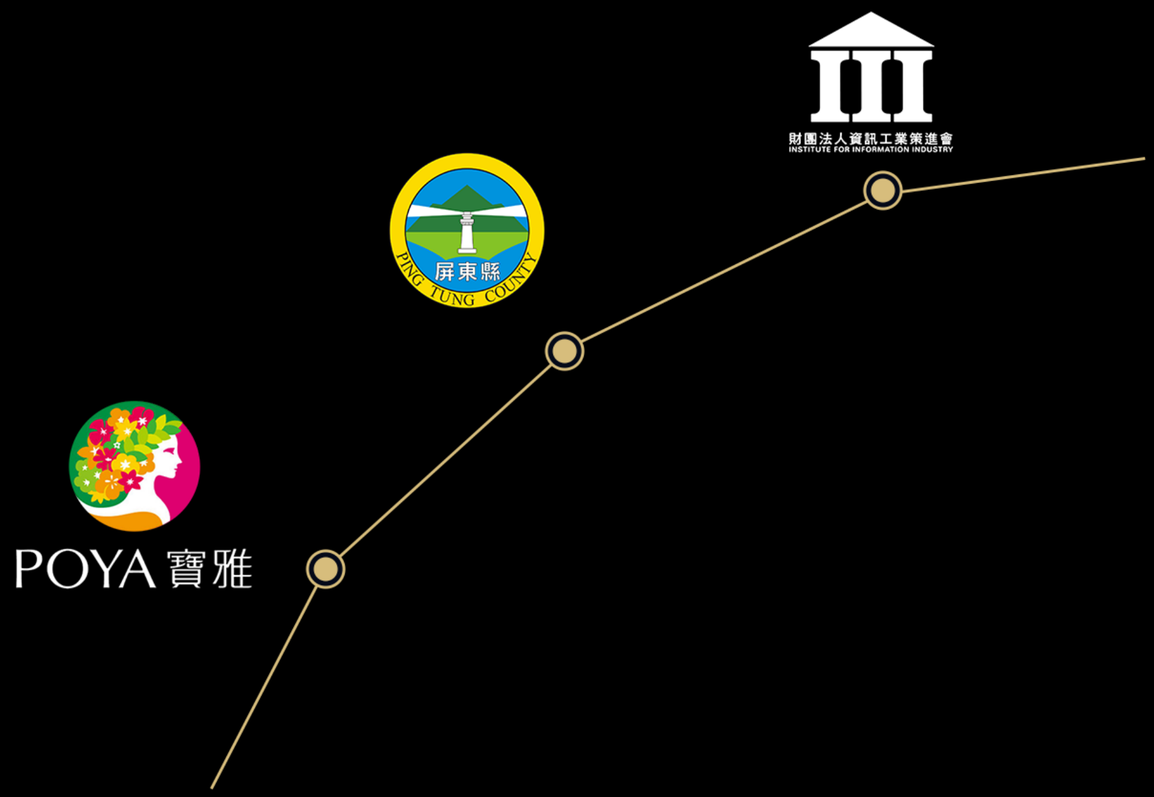
Layout Adjustment

Support AirPlay

Data Privacy & Security

Synology Drive

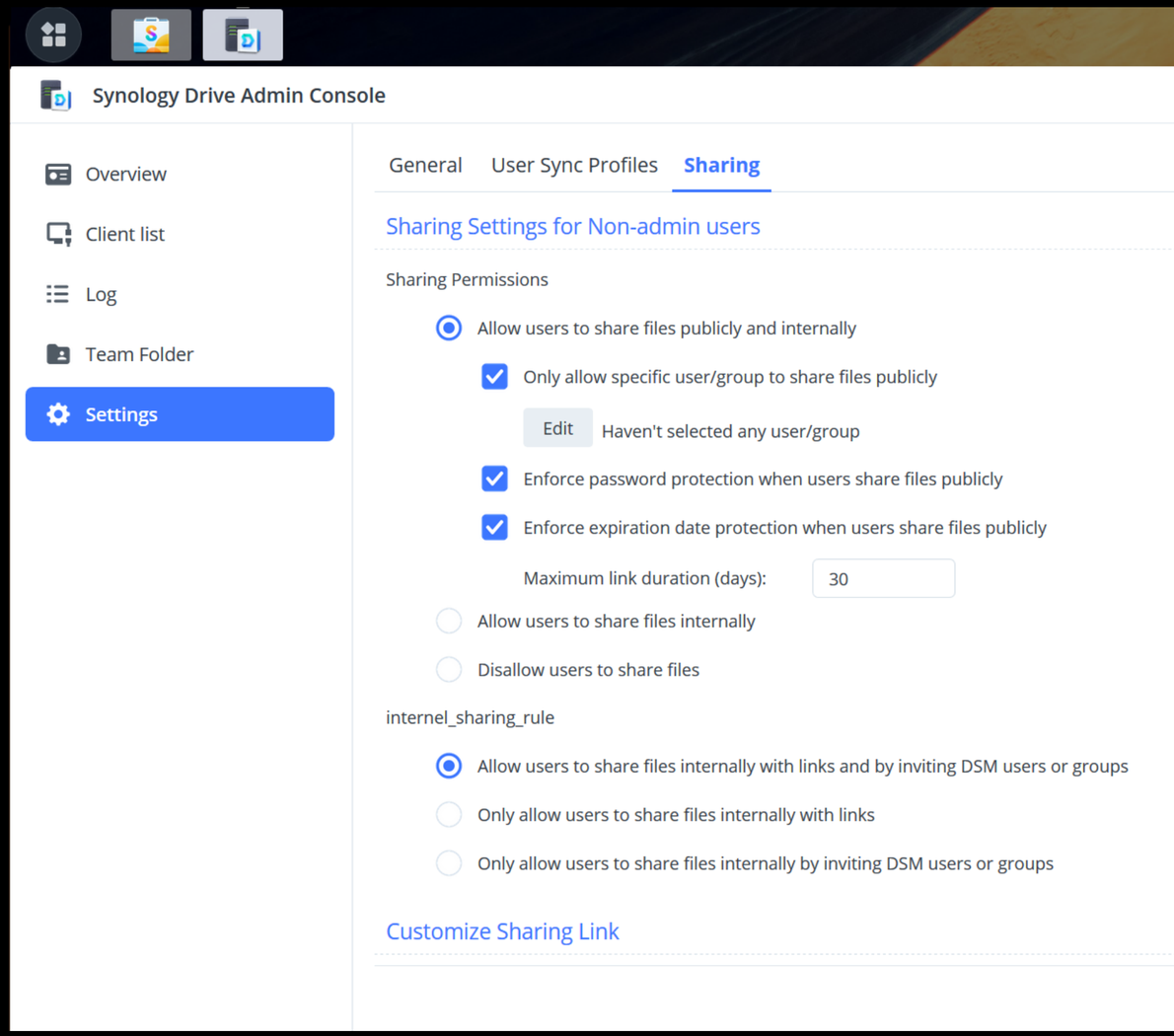
Fulfilling different scales of file collaboration



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

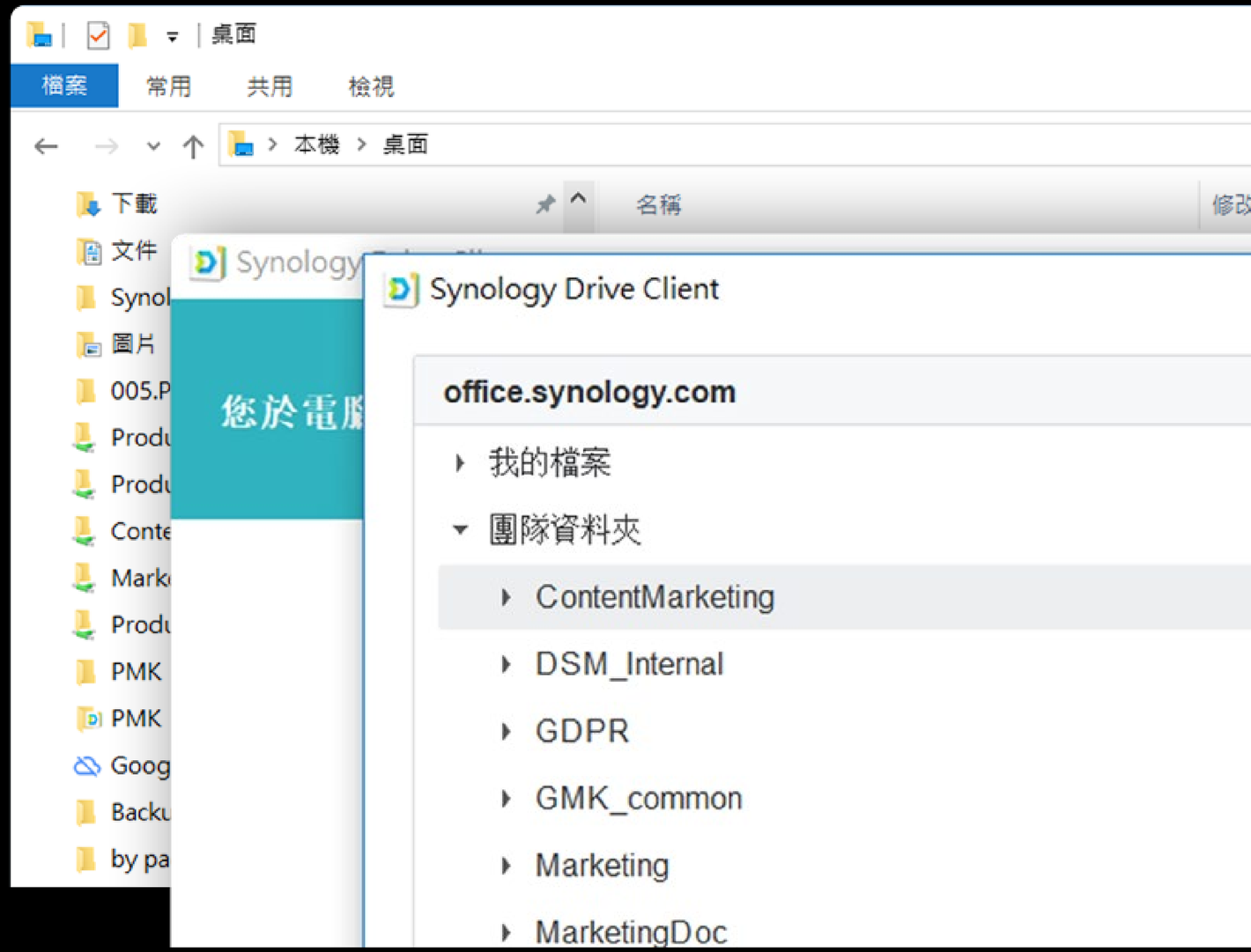
Audit

Realize enterprise
auditing management

One portal for all file access

On-premises

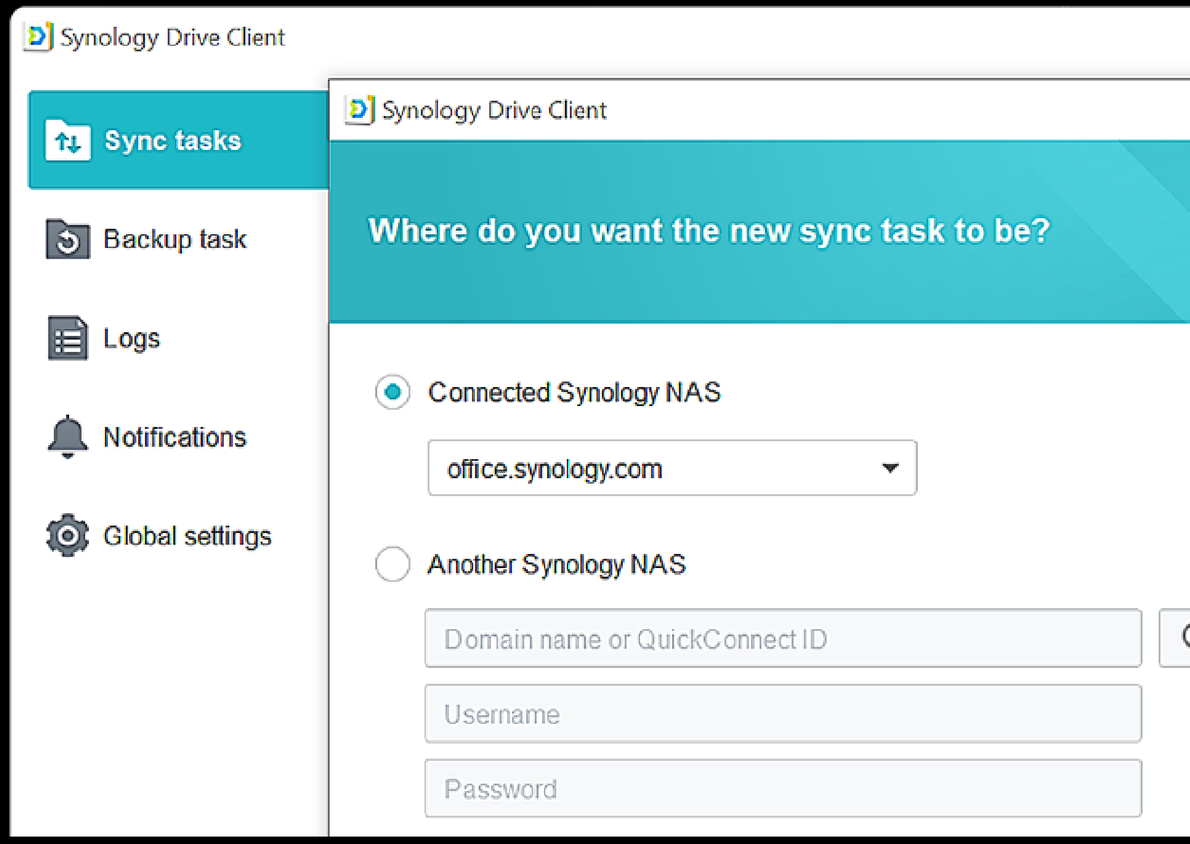
On-demand sync to on-premises



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



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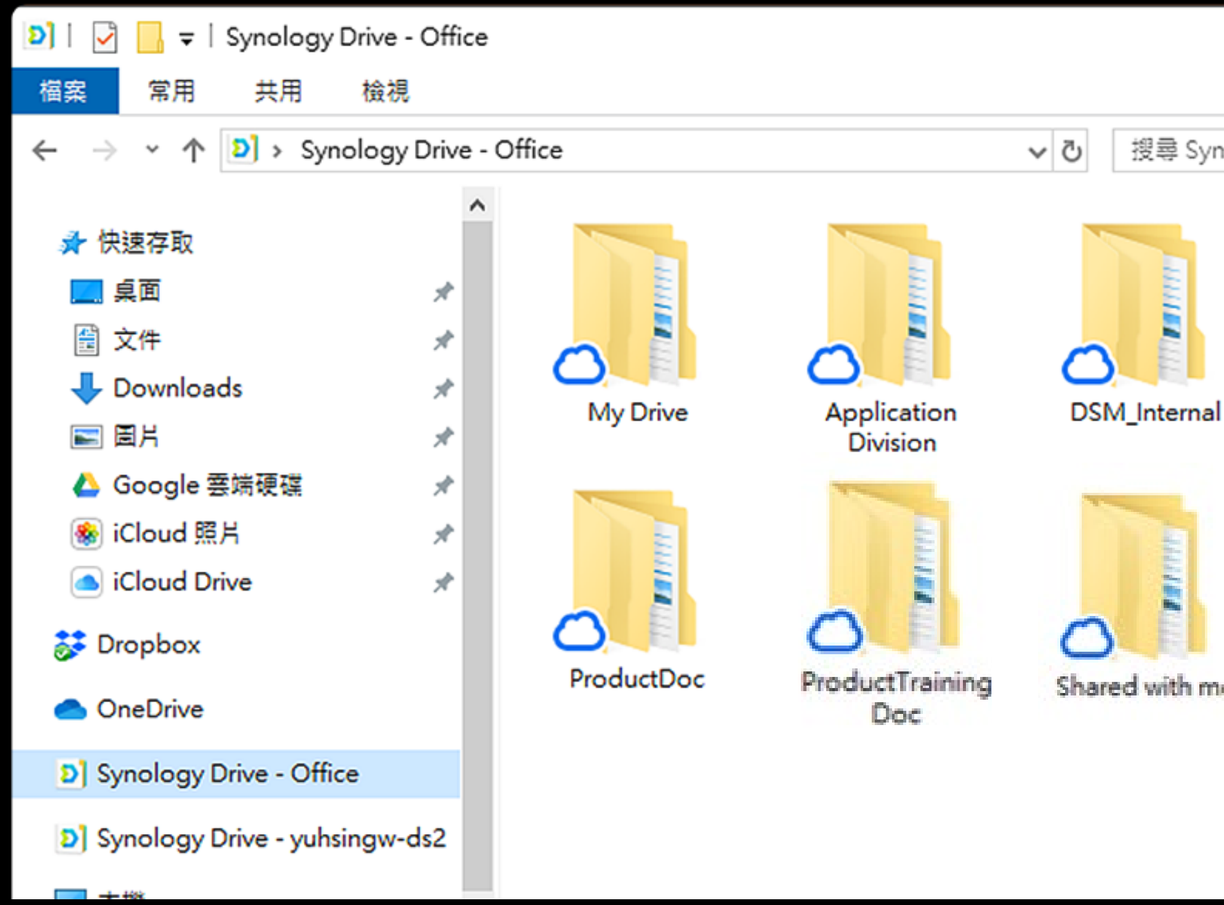

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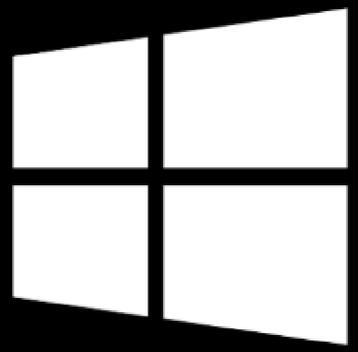

Windows

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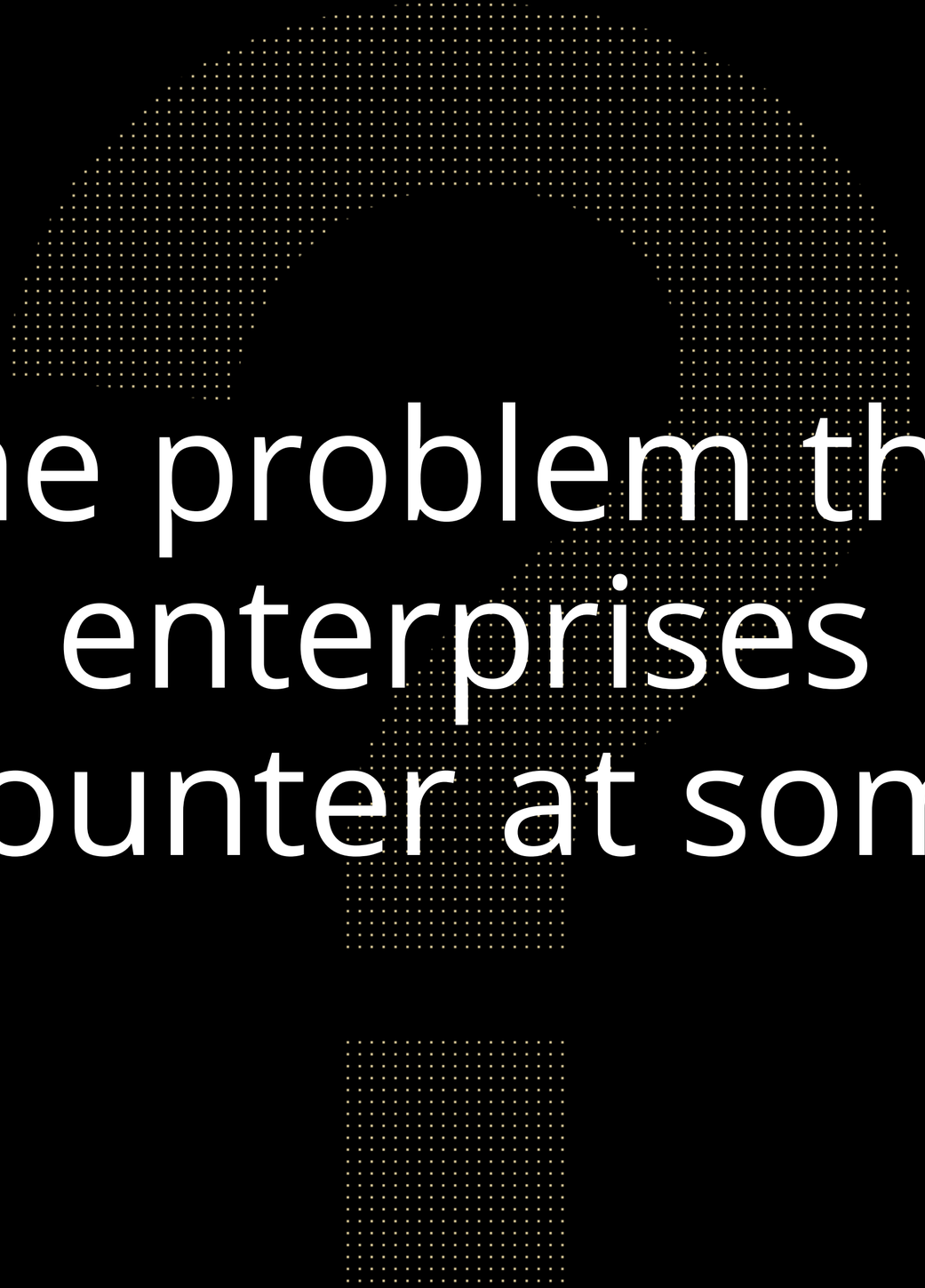
Mac



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

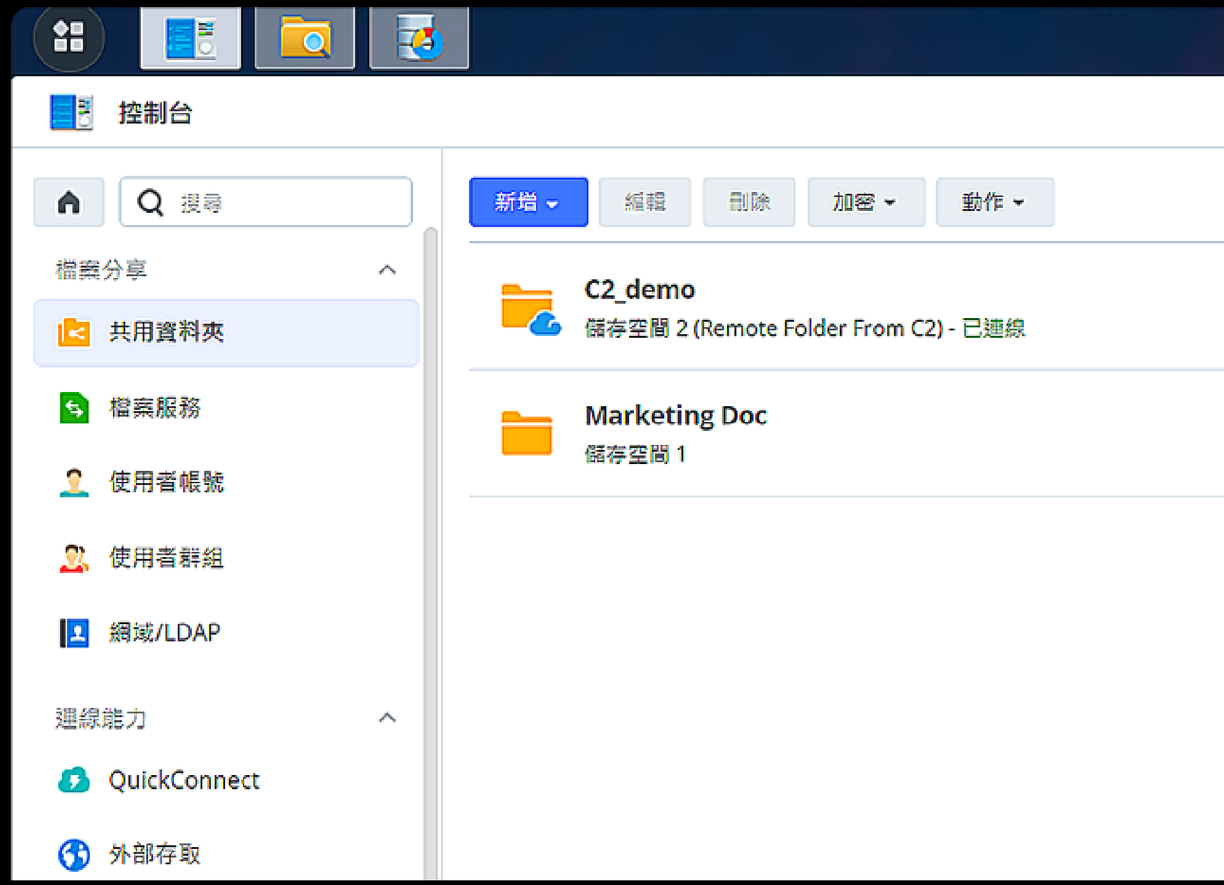
The hybrid cloud that integrates Synology NAS & Synology C2

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

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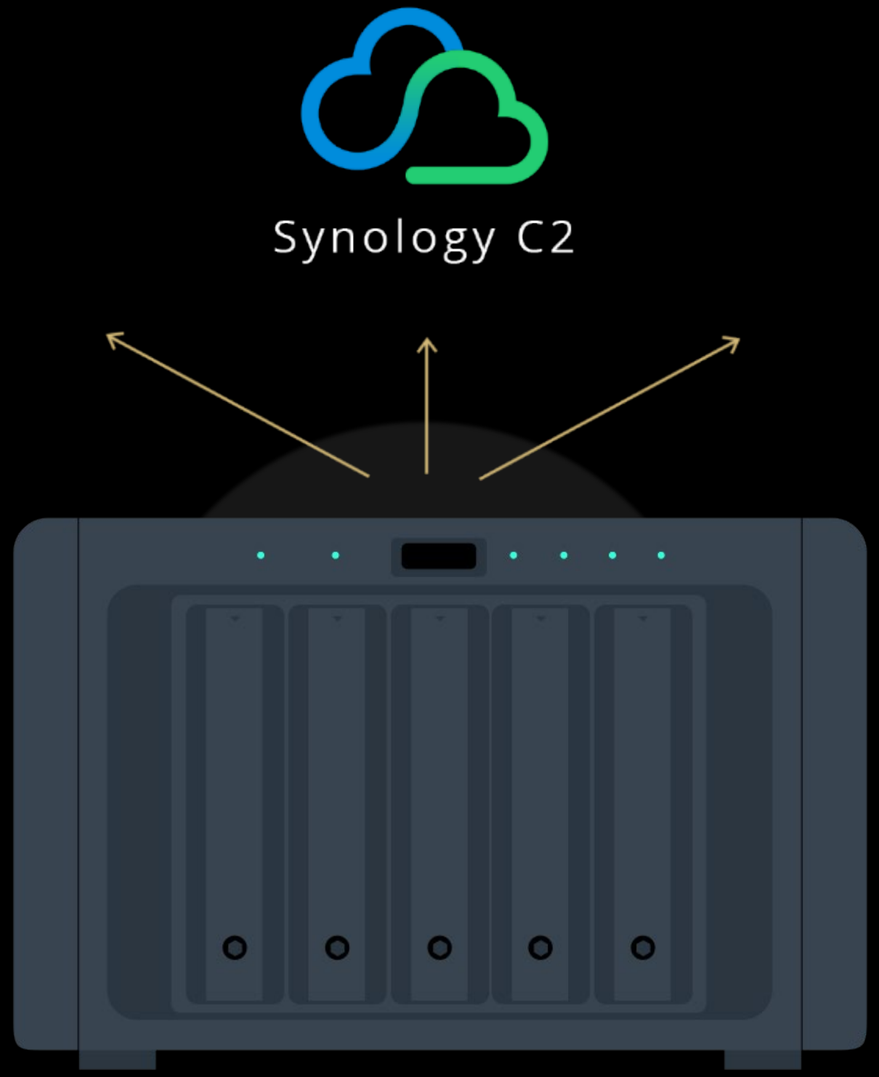
Time-consuming
Disaster Recovery

Rapid expansion to unlimited Synology C2 space



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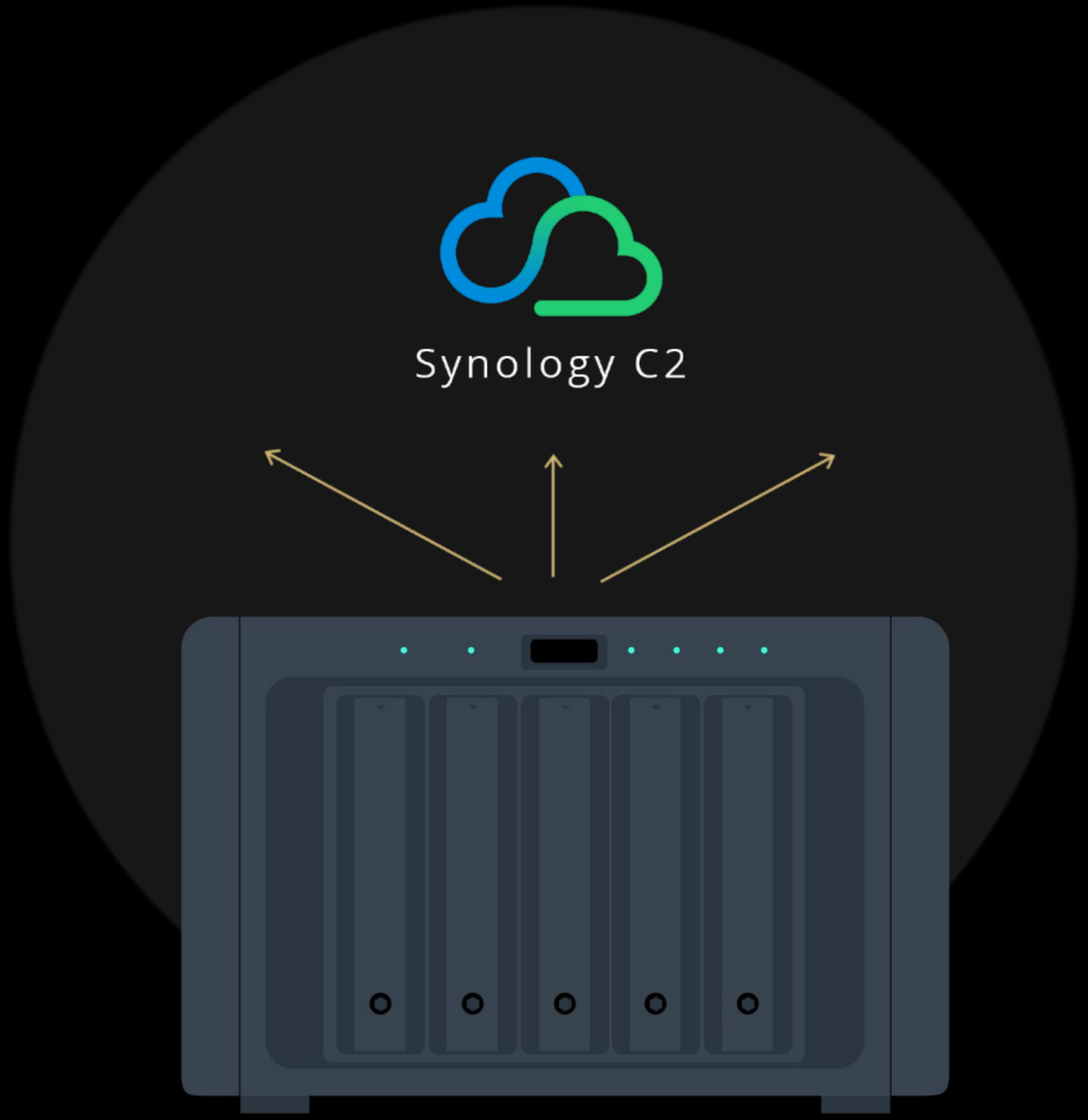

Synology C2

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

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Fast Config Recovery

DSM 7.0 auto Config Backup

Multi-site

Duplicate Space Occupancy

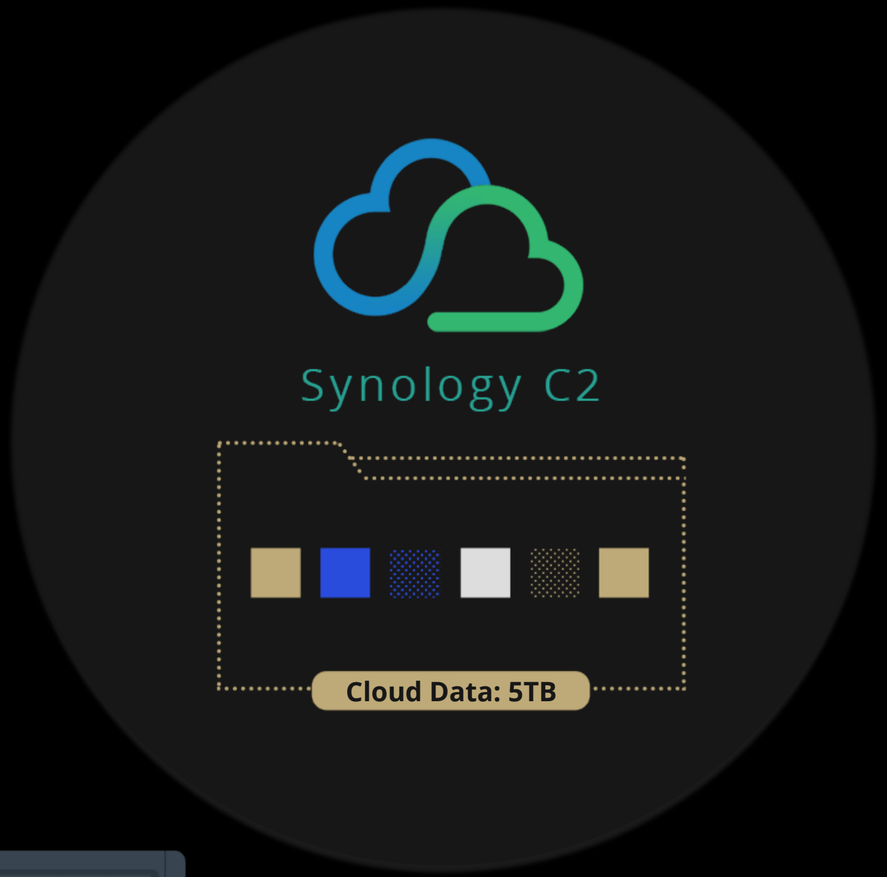
Inefficient File Exchange

Multi-site

Duplicate Space Occupancy

Inefficient File Exchange

Saving storage space for individual site



Taiwan HQ

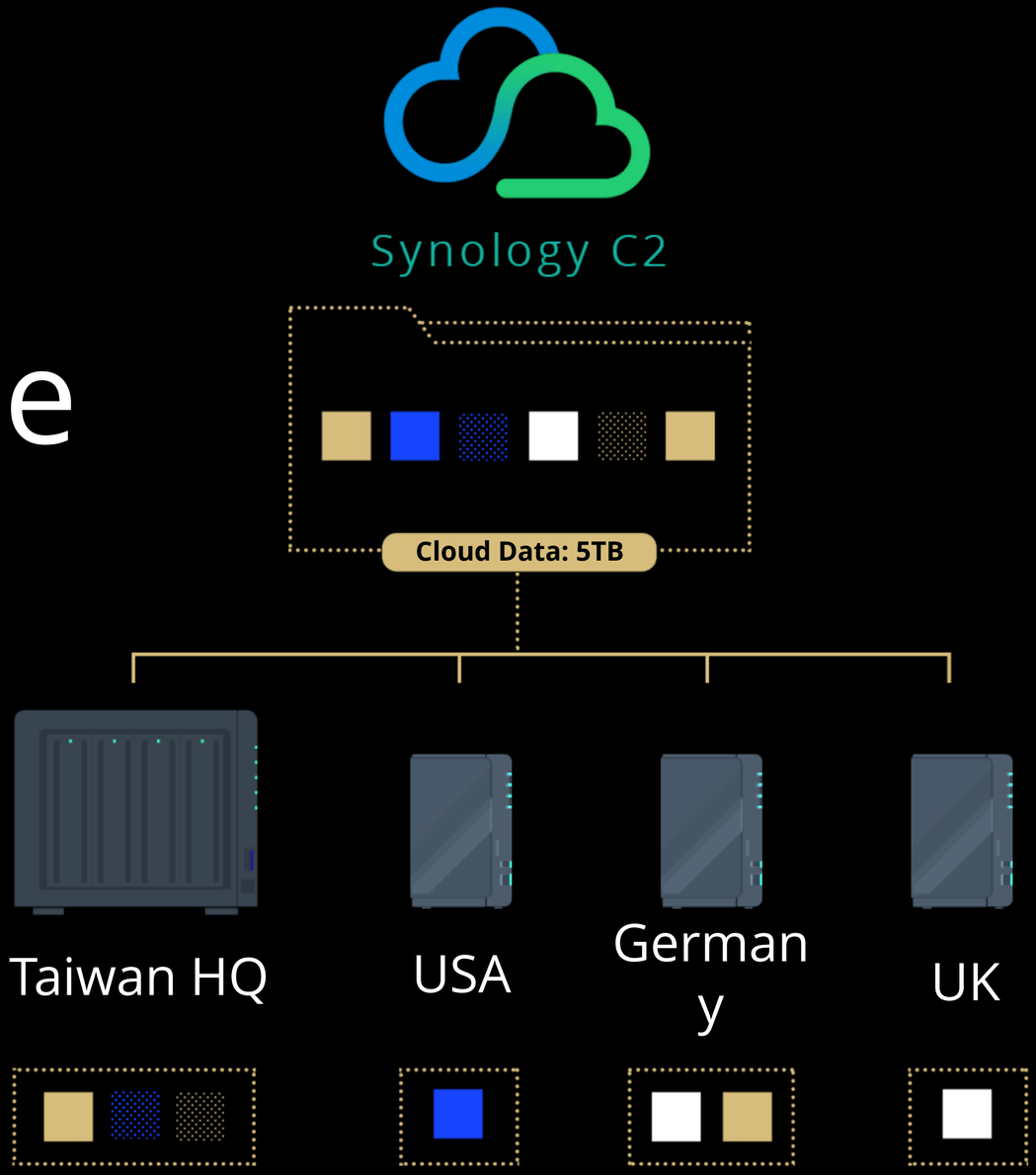
USA

Germany

UK

Saving storage space for individual site

Create Intelligent Frequently-Used Cache in Each Site



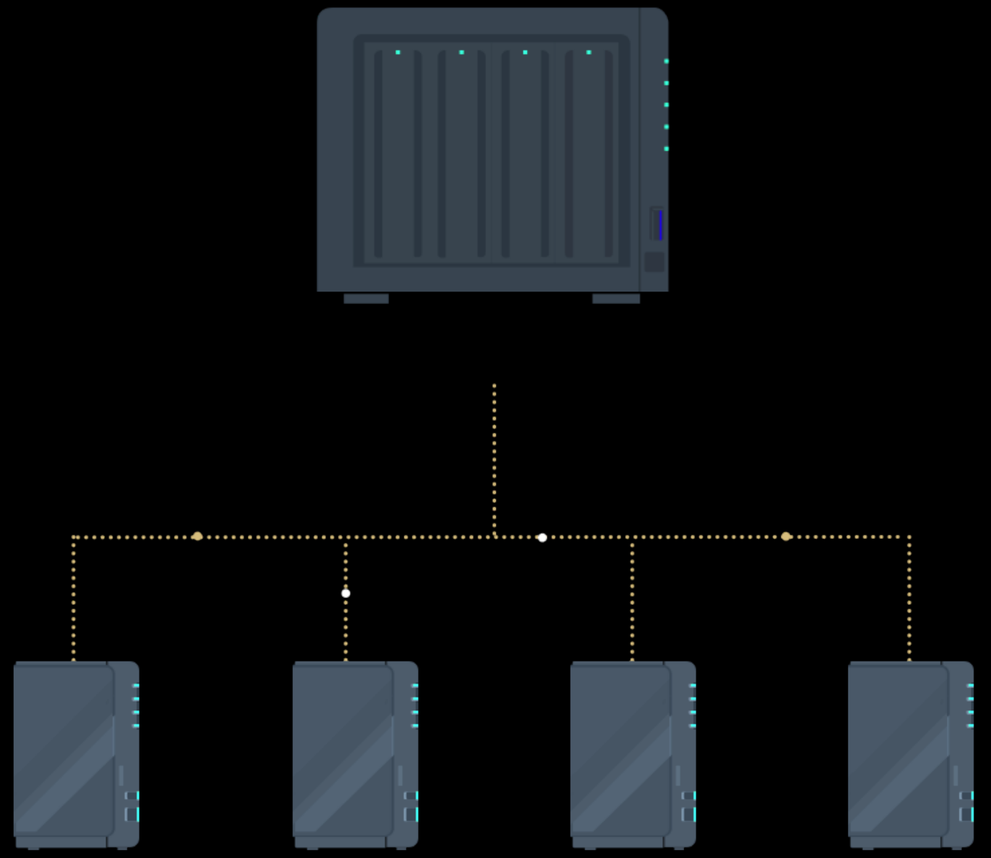
Multi-site

Duplicate Space Occupancy

Inefficient File Exchange

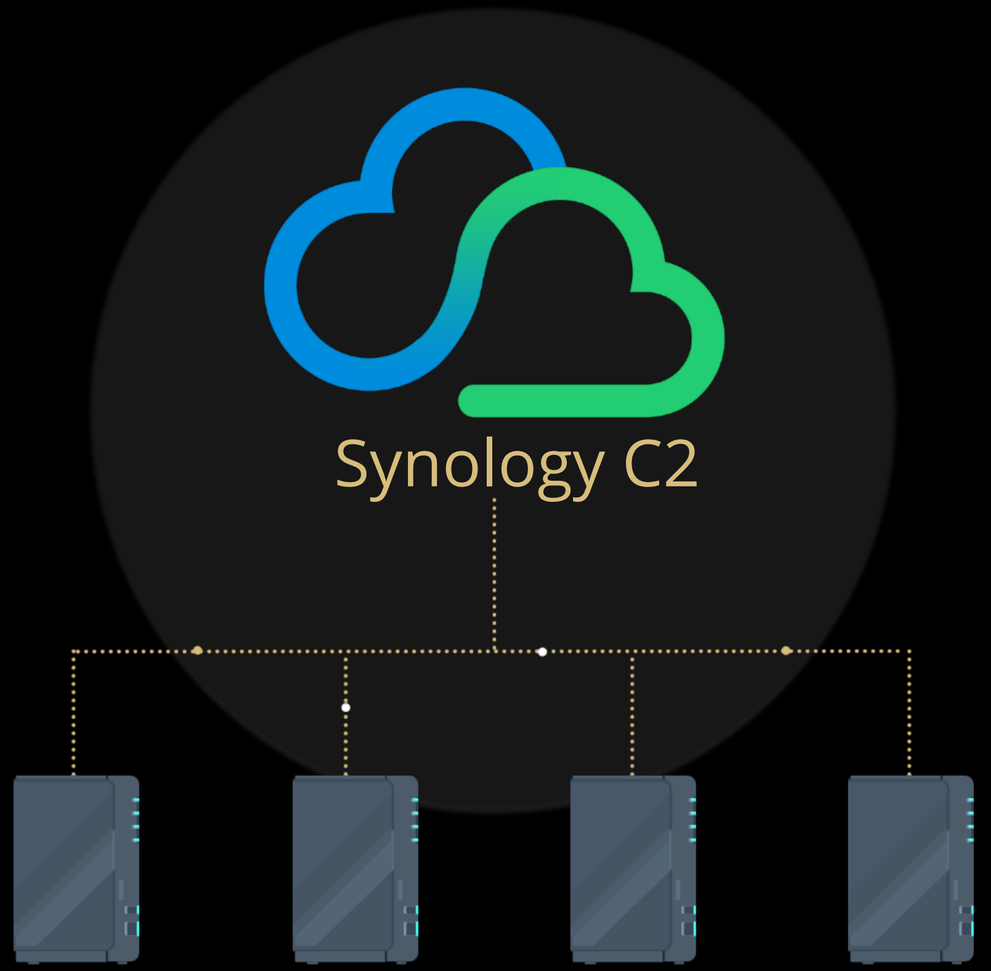
Occupied HQ External Bandwidth

Scheduled sync may result in delayed file sharing



Hybrid Share

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



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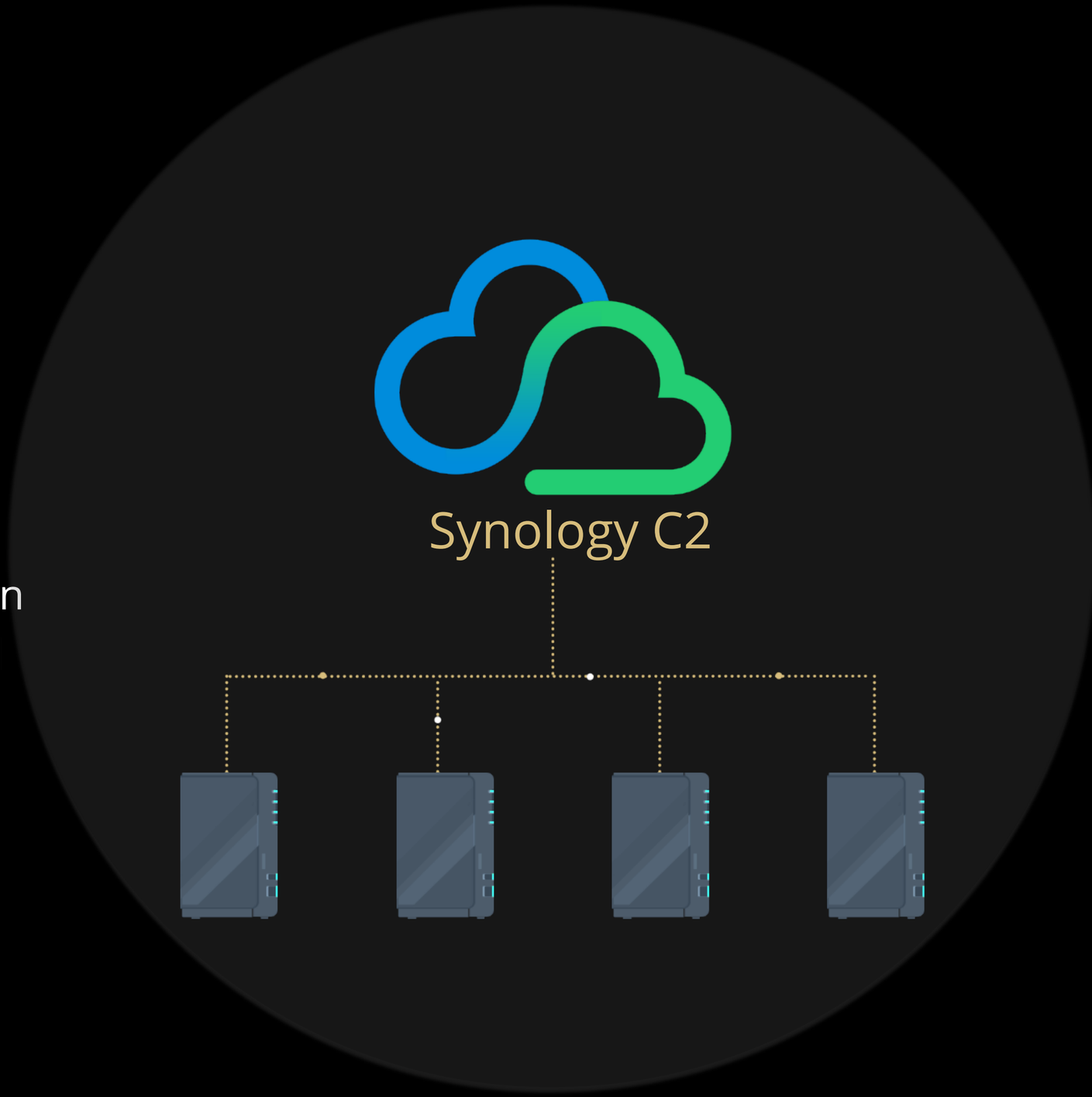


Single Point

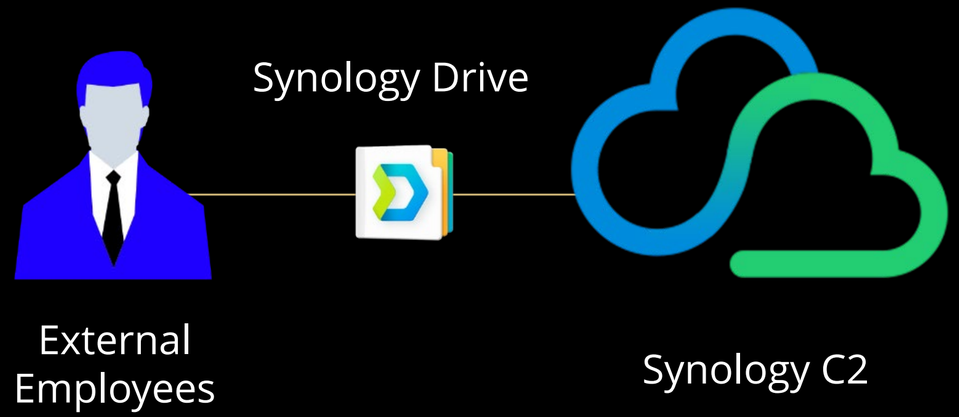
Multi-site

Fast data recovery

Hybrid Share | Synology Drive

Saving External Sharing Bandwidth

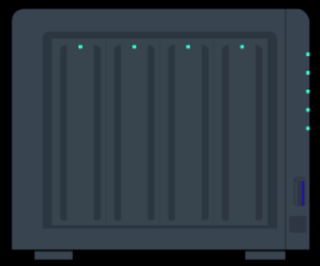
- Integrate sharing with Synology Drive
- For external access, file downloads will be through Synology C2



Privacy

Securit
y

Speed



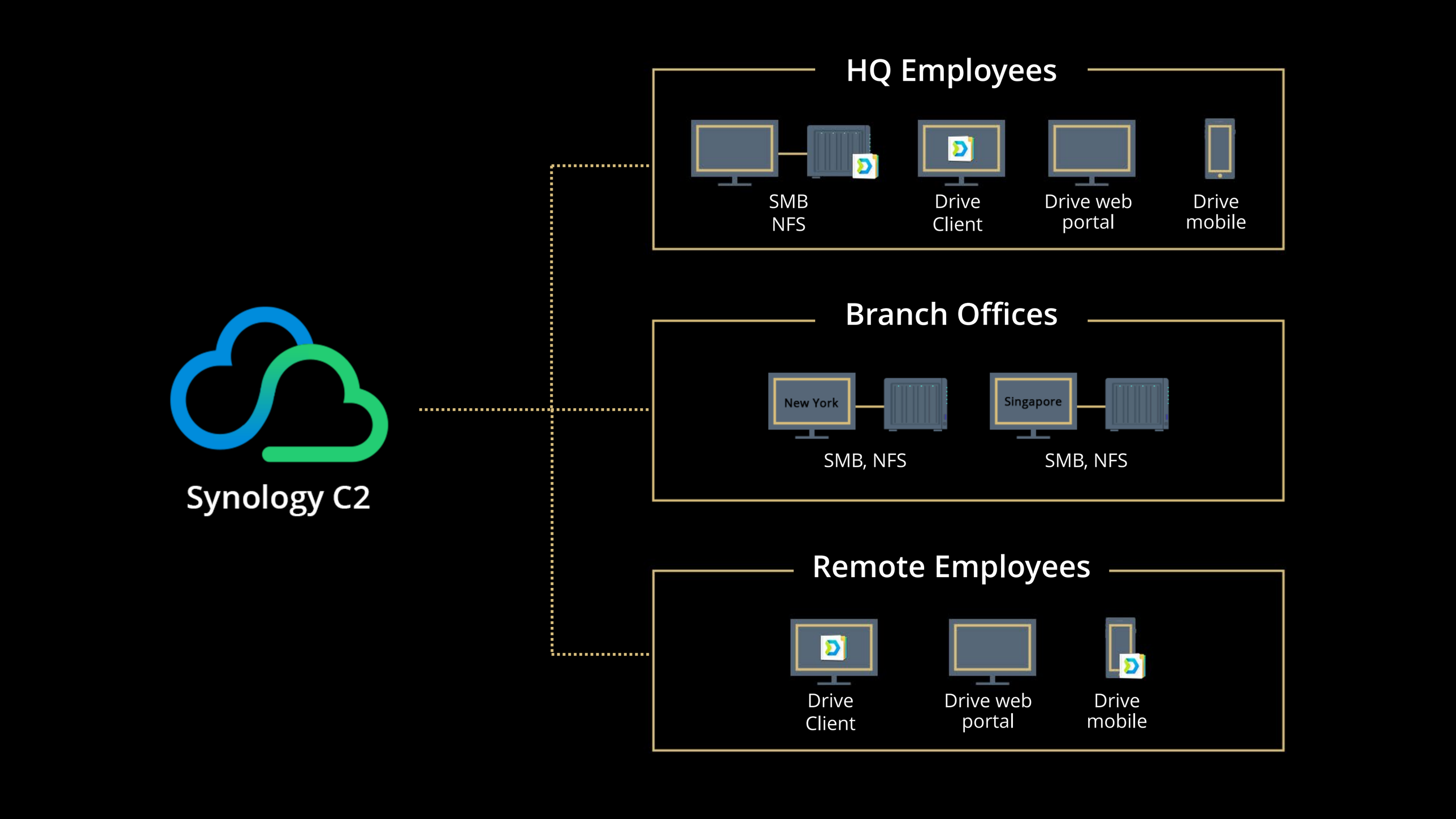
Synology NAS

Synology C2

Availability

Scalability

Bandwidth


HQ Employees
SMB
NFS
Drive
Client
Drive web
portal
Drive
mobile
Branch Offices
New York
Singapore
SMB, NFS
SMB, NFS
Synology C2
Remote Employees
Drive
Client
Drive web
portal
Drive
mobile

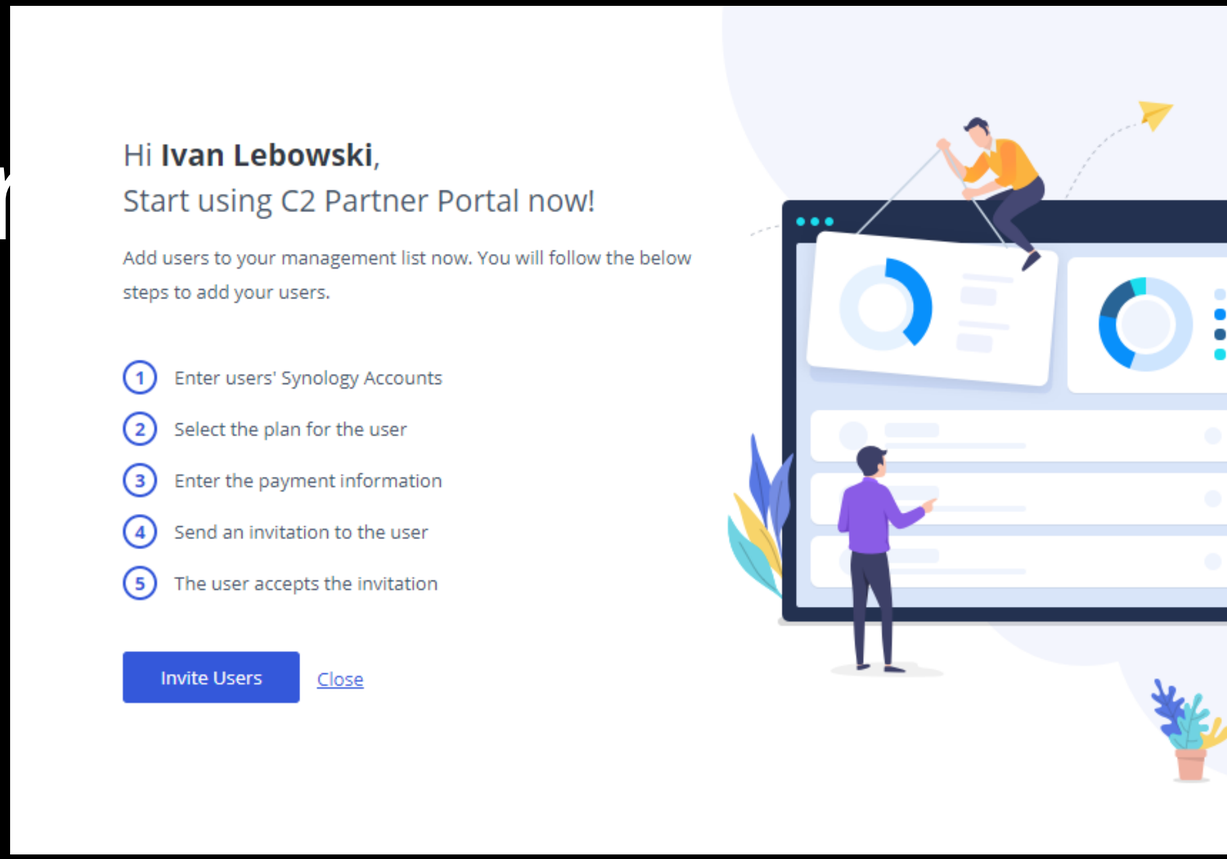
The hybrid cloud that integrates Synology NAS & Synology C2

Synology Hybrid Share

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



Synology C2 Partner Portal

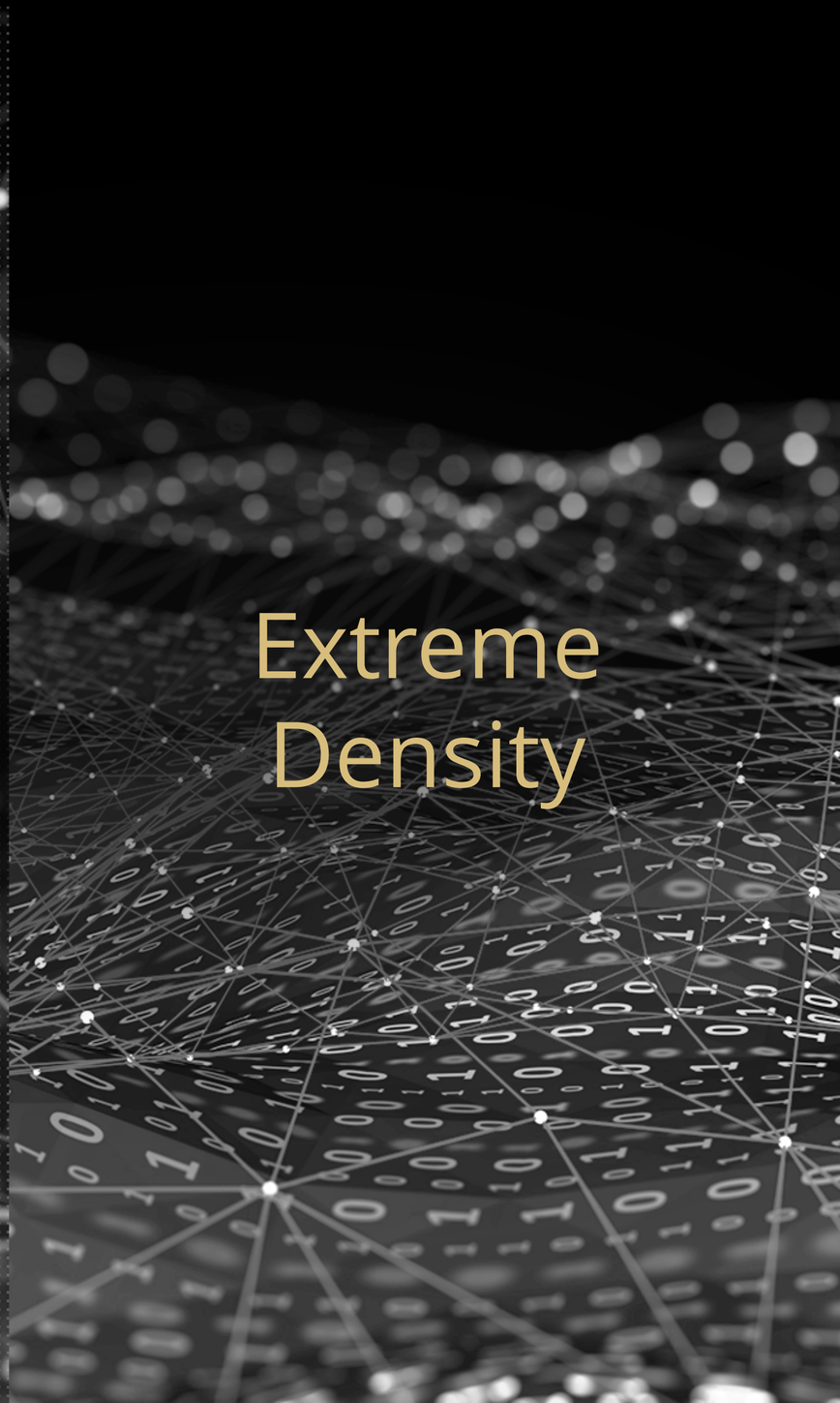
Coming Q4 2019

Brand New Hardware

Meet All User Demands

Outstanding
Performance

High
Availability


Extreme
Density

Outstanding Performance
High Availability
Extreme Density

All-flash Product Line

Performance

240,000

161,000

134,000

Price

FS6400

Intel® Xeon® Silver 8-core CPU

FS3600

Intel® Xeon® D 12-core CPU

FS3400

Intel® Xeon® D 8-core CPU

Enterprise SAS Product Line

SA3400

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

SA3600

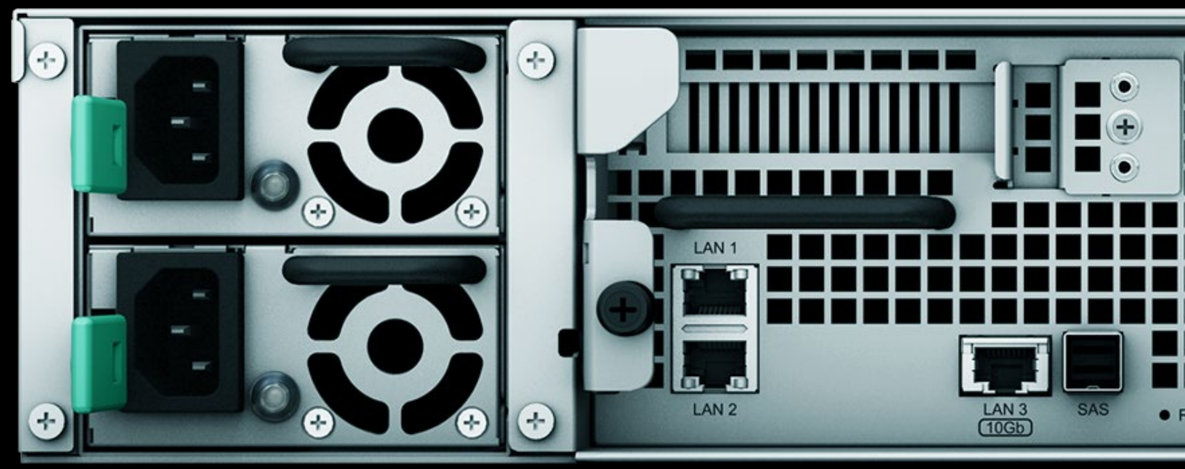
Intel® Xeon® D 12-core processor
XXX,000 iSCSI random write IOPS
Expandable up to 180 hard drives

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

-60%

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

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