DATACORE

The Authority on Software-defined Storage

WEBINAR

Convert diverse block, file & cloud storage into modern, auto-tiered resource pools

… a simple 3-step process

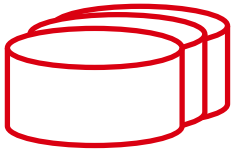
Augie Gonzalez

Director of Product Marketing

DataCore Software

So Many Choices

BLOCK



MAXIMUM PERFORMANCE

FILE

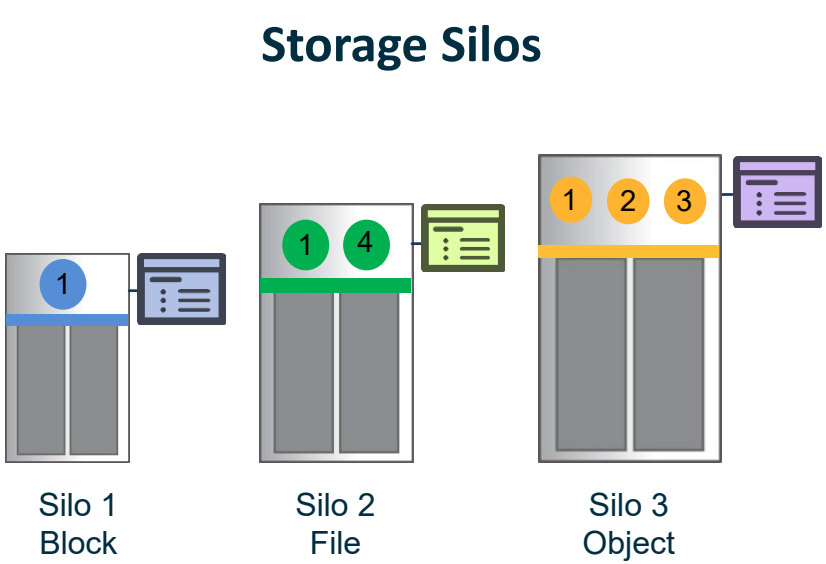
GENERAL PURPOSE

OBJECT/CLOUD

LONG TERM RETENTION

Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Diverse Storage: Necessary but …



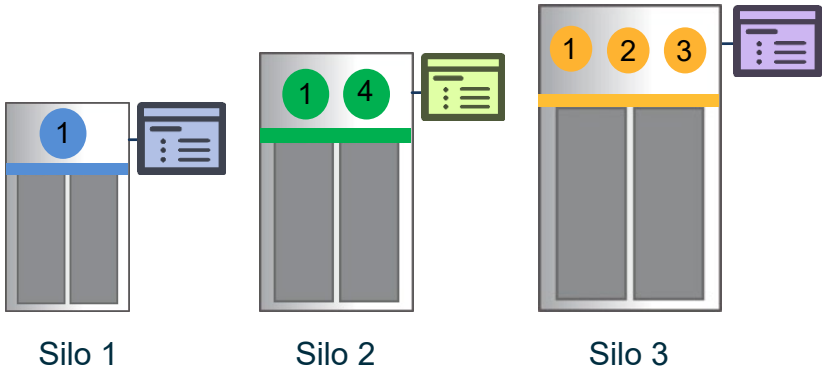
- Each storage employs different methods of provisioning capacity & protecting data
- Each must be separately managed
- Their capacities are isolated, cannot be shared
- Workloads must be manually assigned to each silo

Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Consolidate Data Services under a Common Control Plane

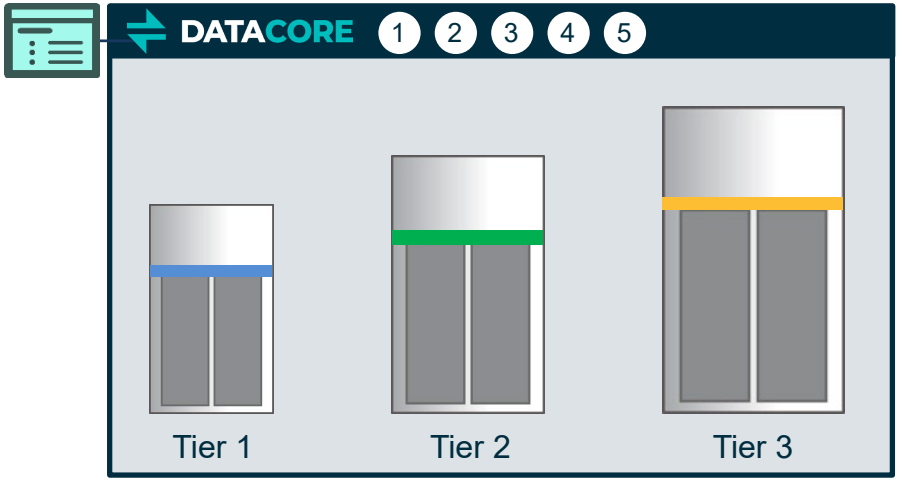
Current State

Device-specific
Embedded functions



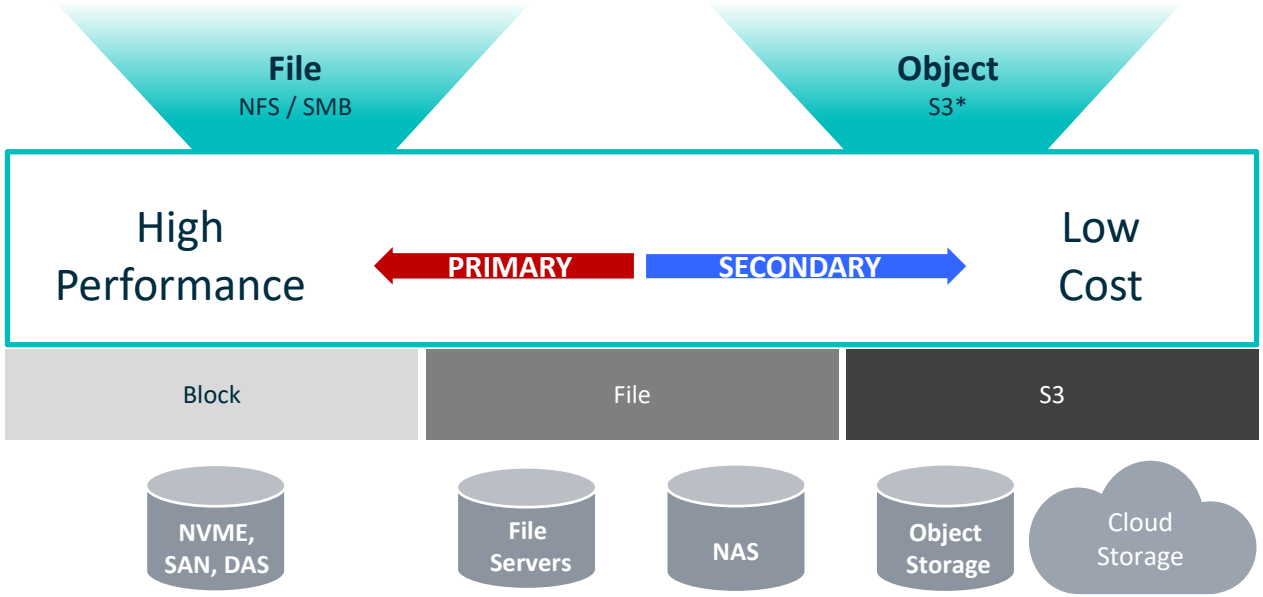
Proposed

Infrastructure-wide functions



Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

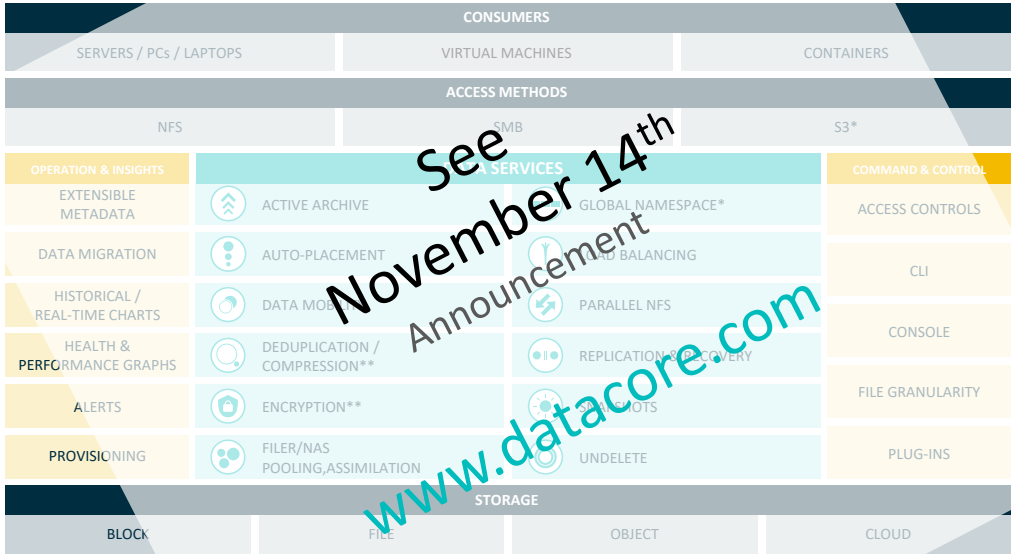
Treat Diverse Storage as a Pool



*H1 CY2020

Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Comprehensive Data Services



See November 14th Announcement

www.datacore.com

*H1 CY2020
**When combined with 3rd party object storage

Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Solution Steps

1. Assimilate existing filers under a virtual scale-out NAS in minutes
   - Leave data untouched (no throw away, no migration)
   - Retain file attributes (permissions, time stamps, owners, etc.)
2. Create one global, scalable / searchable catalog
   - Users don't have to know which filer the data sits on
   - Enable access from mixed protocols (NFS v3 v4.2, SMB v2 v3, S3*)
3. Load balance new requests across all available storage systems
4. Leverage elastic cloud storage as extension to on-prem capacity
5. Dynamically relocate data to most appropriate device based on business intent & granular policies (performance, availability, cost, age, etc.,)

*H1 CY2020

Common approach for file- and object-based data

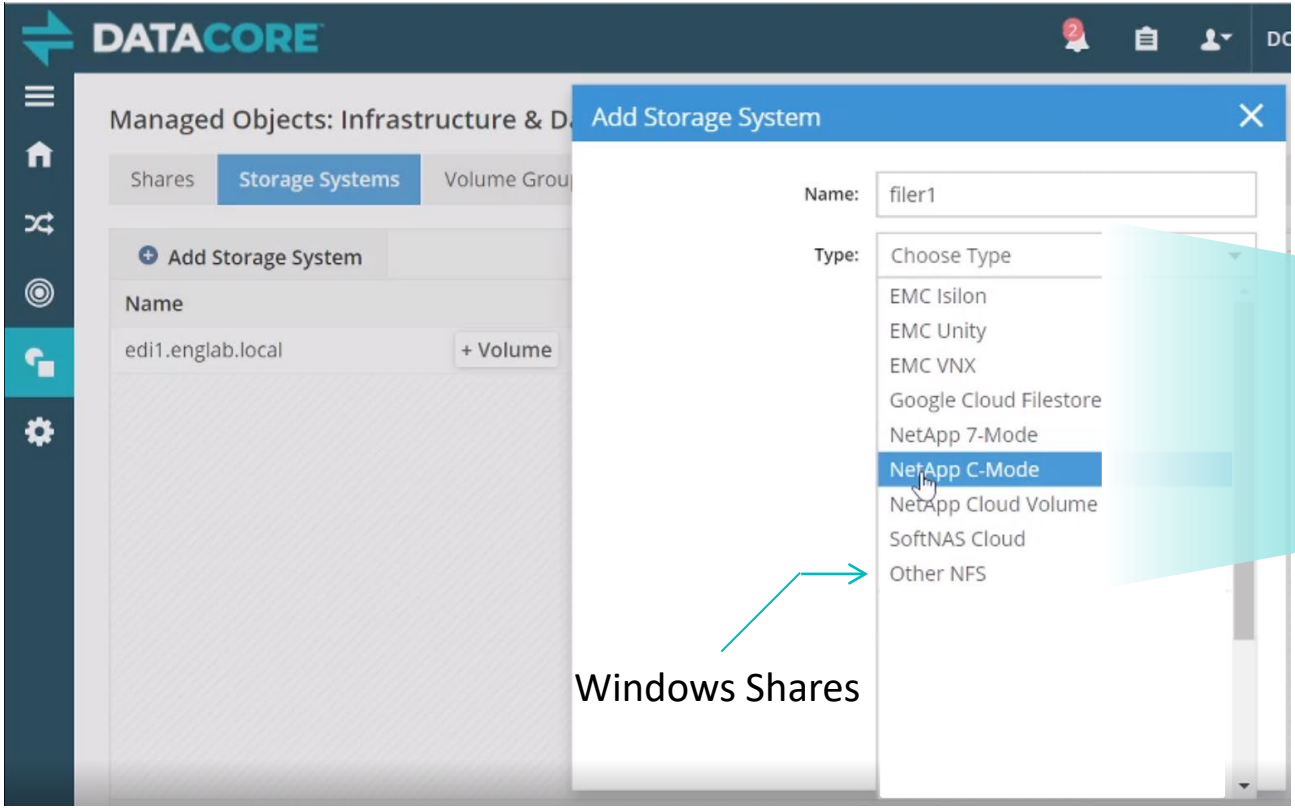
Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Poll: Where do your File Shares Sit?

- NetApp Filers
- Isilon NAS
- Other NAS
- Windows SMB/CIFS/NFS Servers
- Linux File Servers
- Mix of above

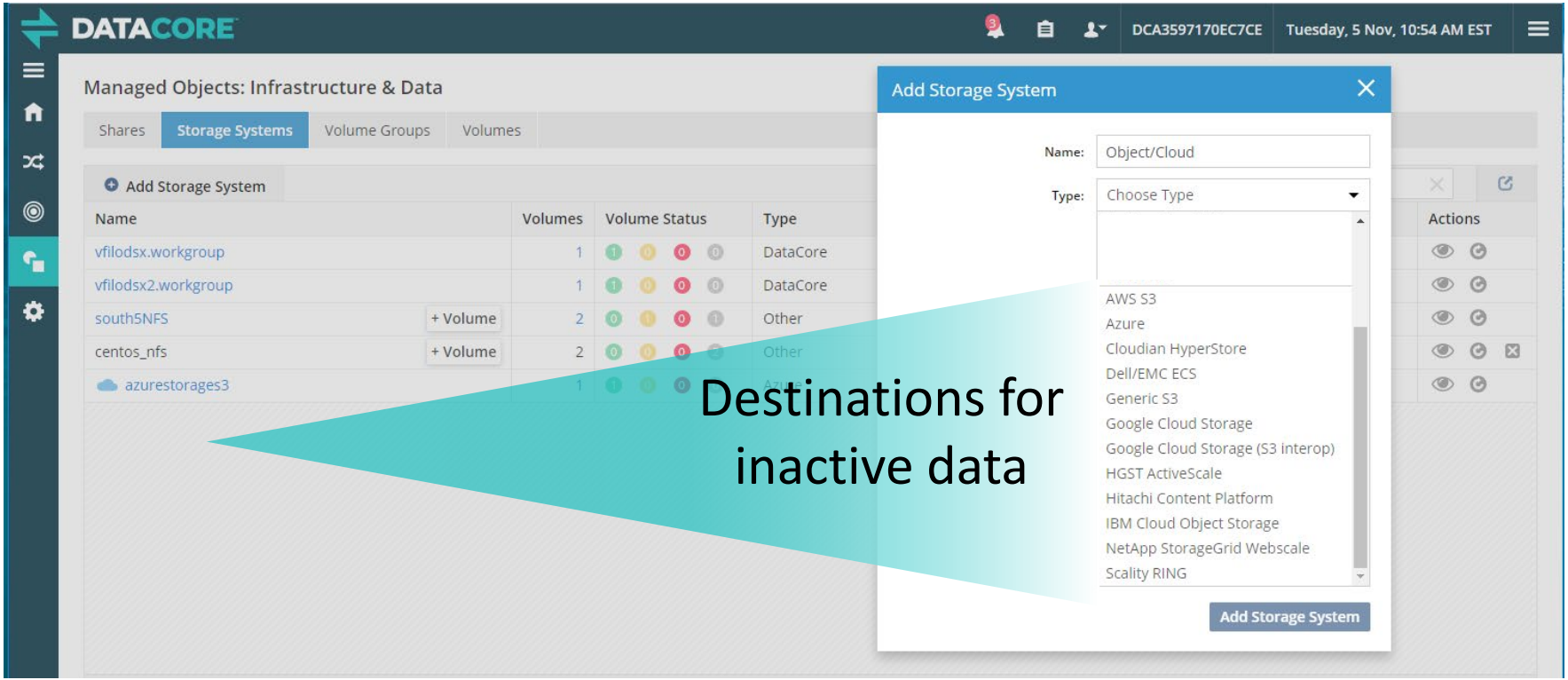
Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Assimilate Existing File Shares



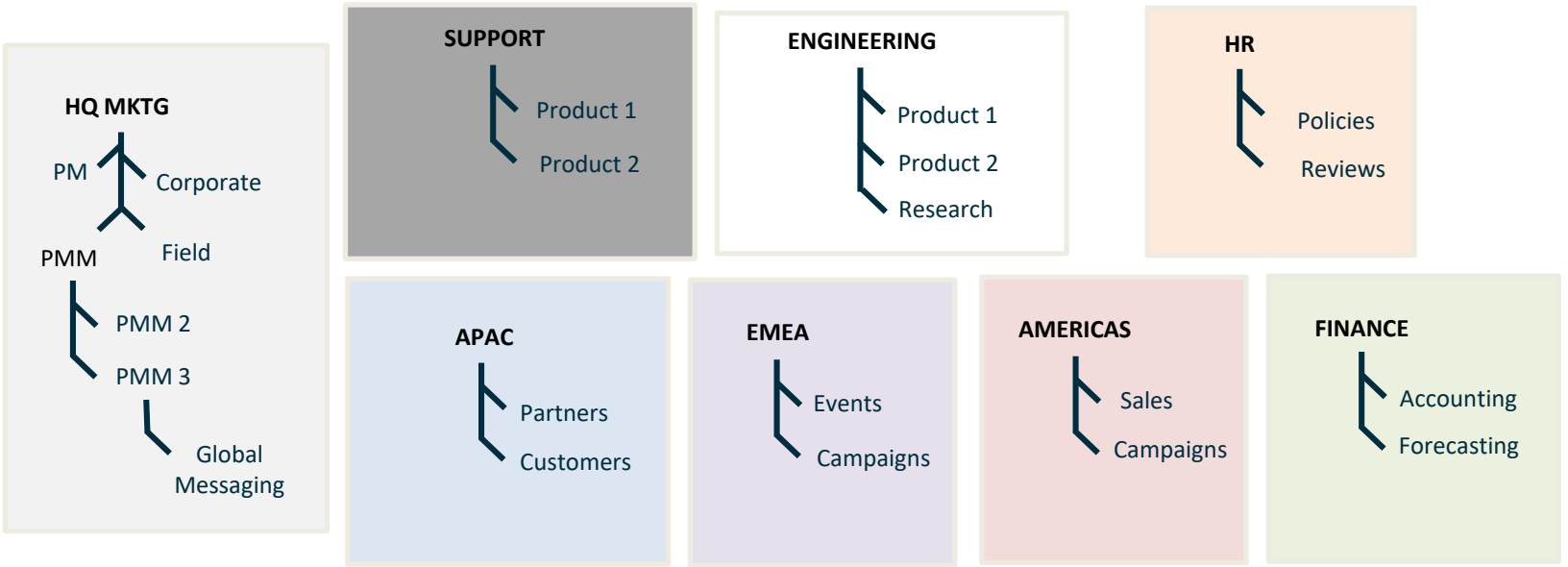
Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Assign Object/Cloud Storage



Copyright © 2019 DataCore Software Corp. – All Rights Reserved.
Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

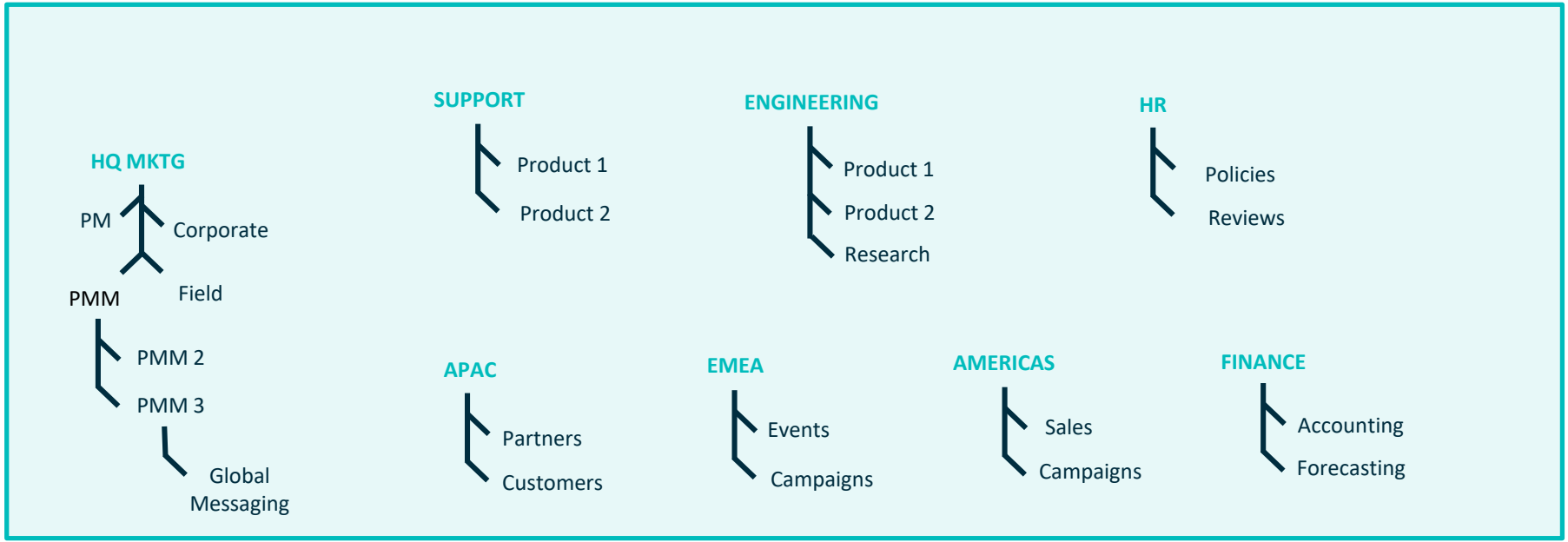
No Longer Bound by Hierarchies



Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Global Namespace with Metadata **Tags**

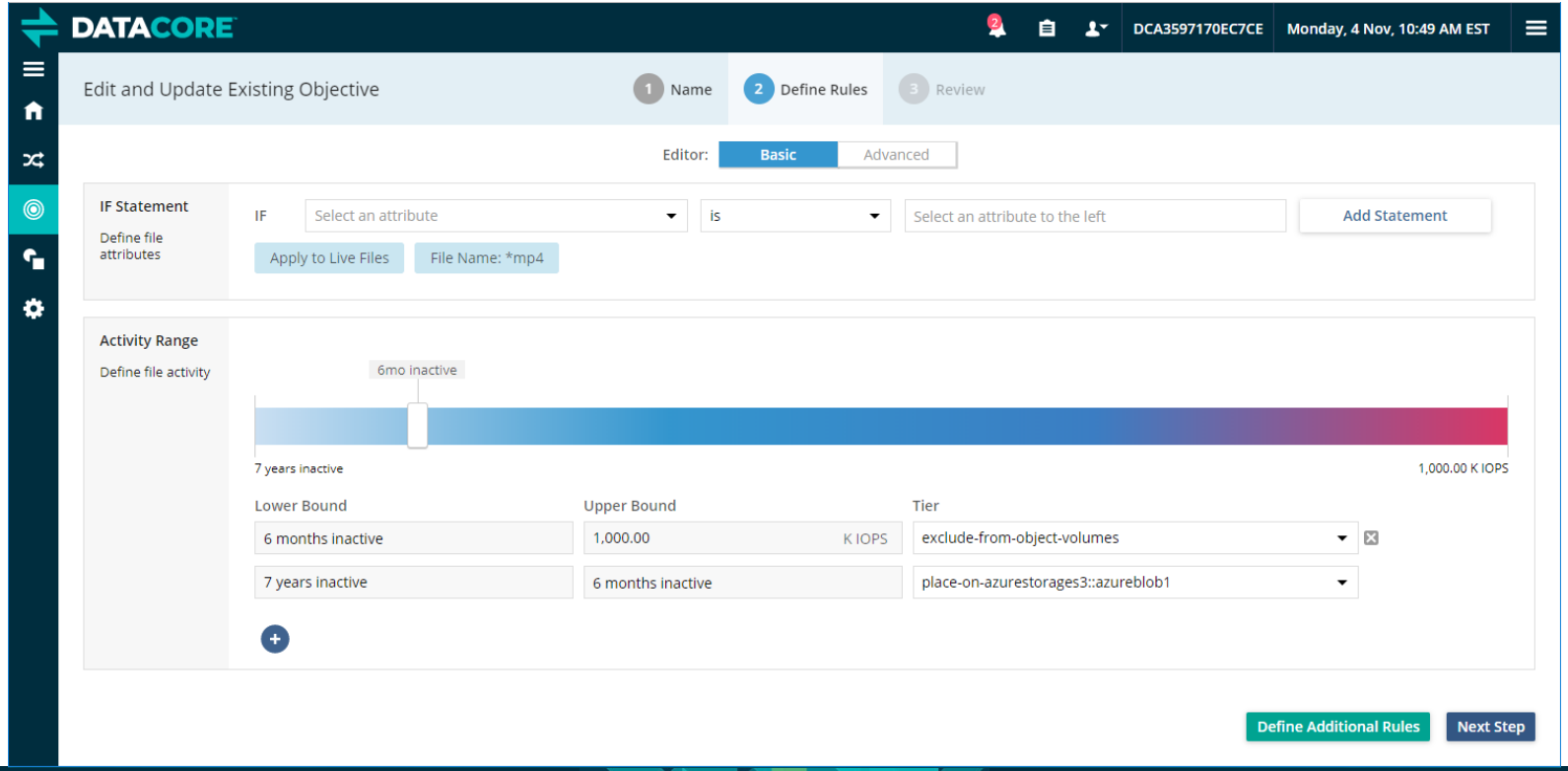
/omniShare



DEVOPS: Archive files untouched in 6 months

Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Simply State Your Objective(s)



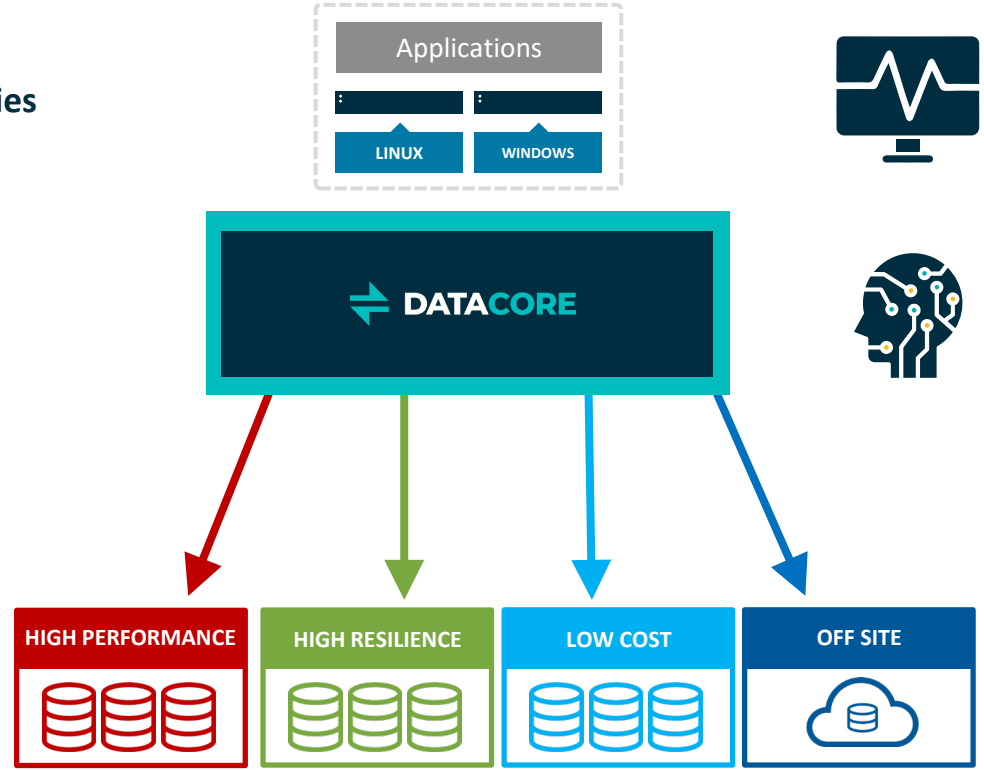
Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Auto Place Data According to Intent

Policies

- Performance
- Resiliency
- Cost
- Location
- Aging

Specific or Fuzzy



Telemetry

Machine Learning

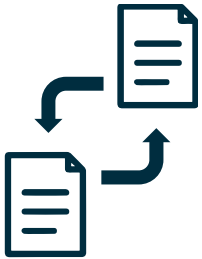
Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

File-Level Granularity

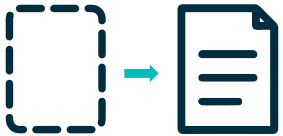
Quicker & more efficient than @ volume level

POLICIES

SNAPSHOTS / CLONES



DATA MOBILITY



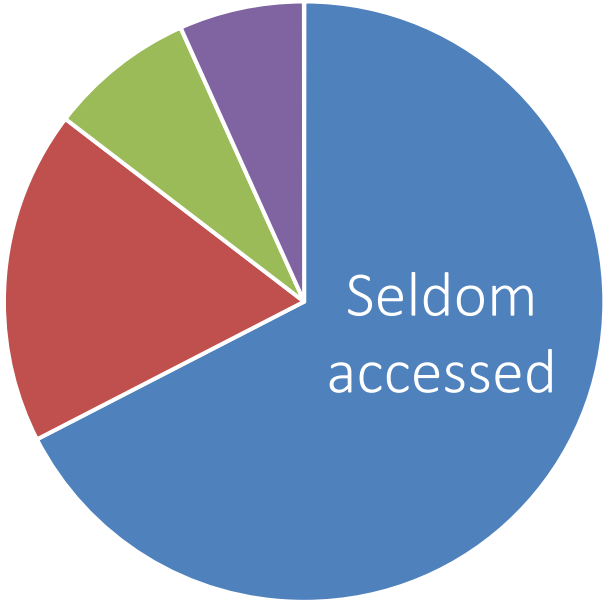
RECOVERY / UNDELETE

REPLICATION TO / RECOVERY FROM THE CLOUD

Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

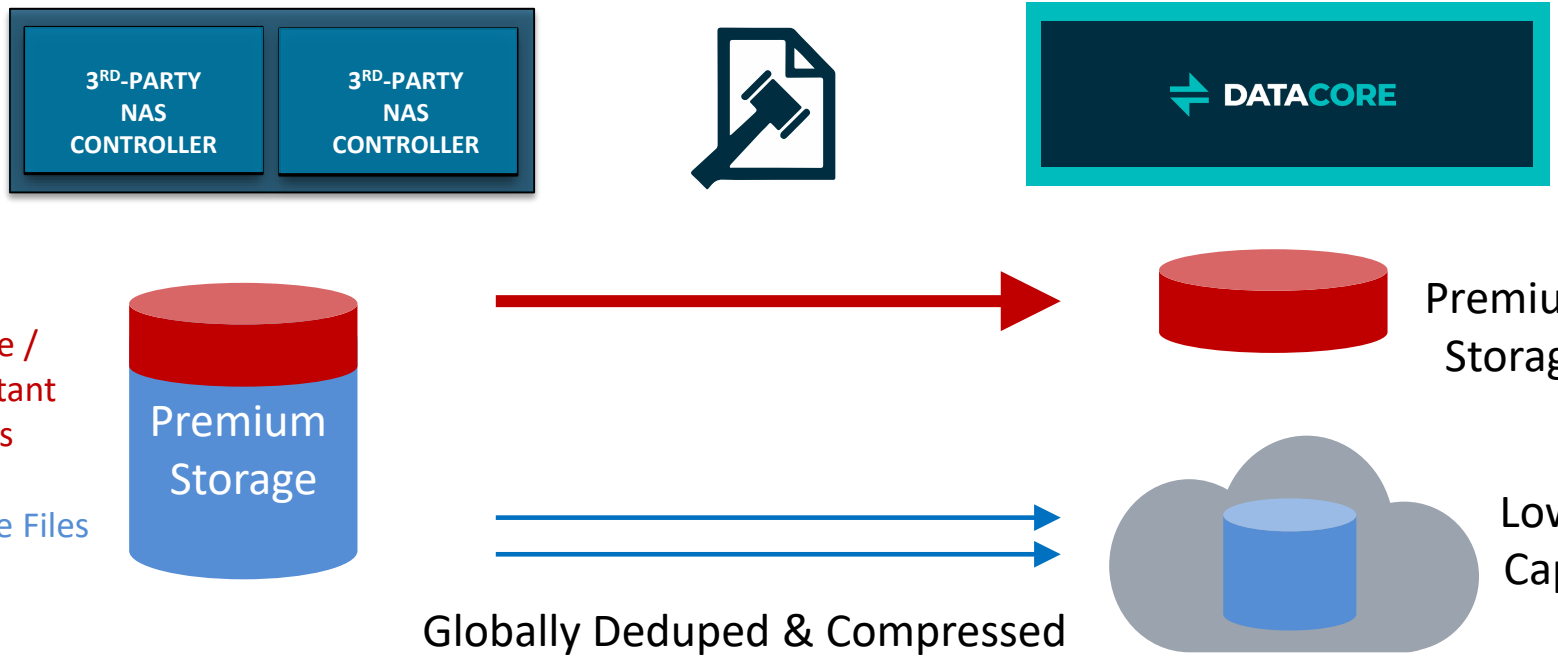
Poll: What % of Your Data is Inactive

- More than 80%
- 60% to 80%
- 30% to 59%
- Less than 30%



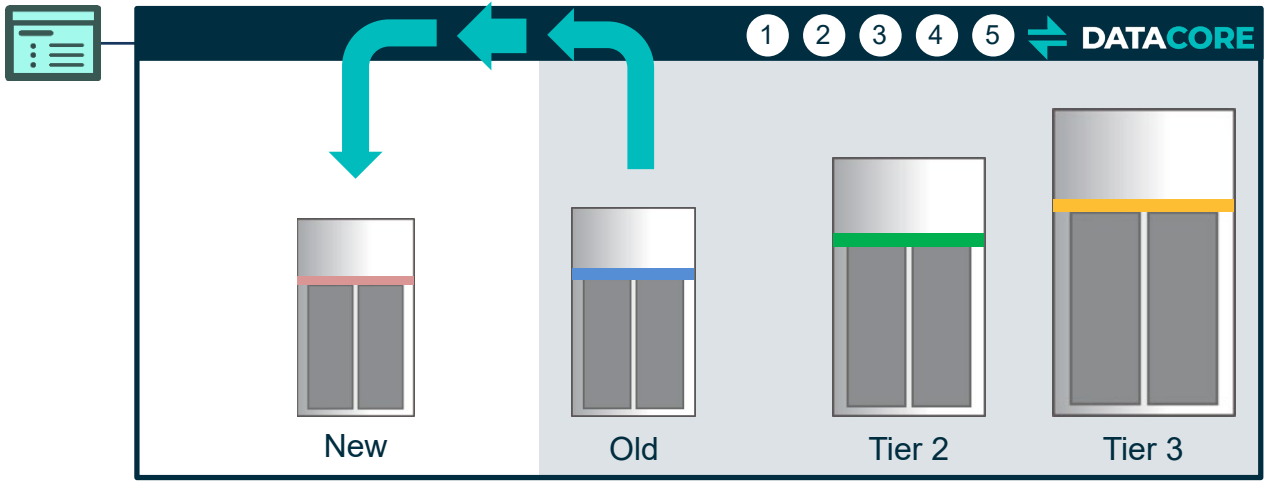
Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Best Use of Space for Major Savings



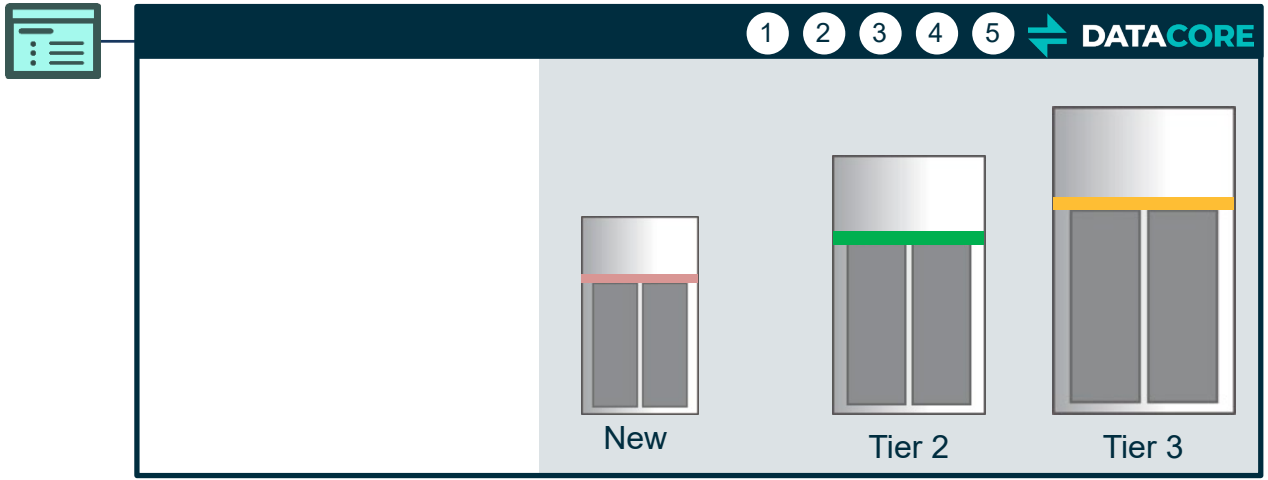
Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Refresh & Expand Non-Disruptively



Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

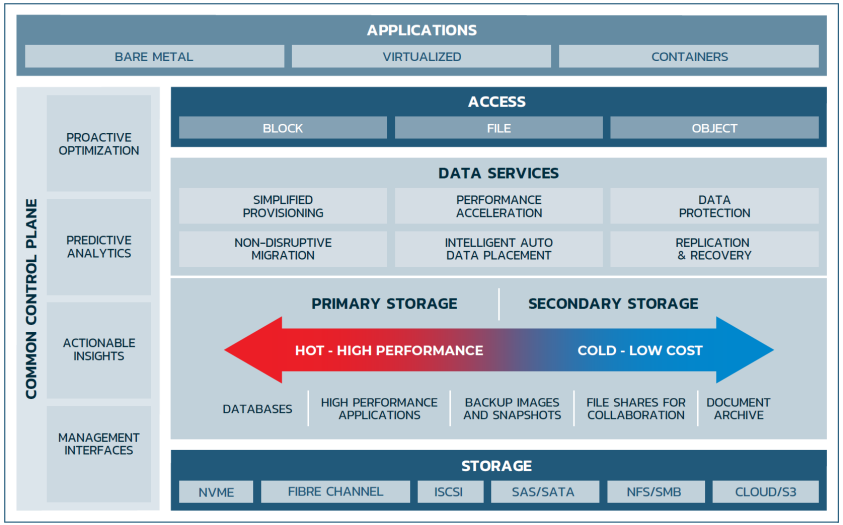
No Change to Namespace or Processes



Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Benefits

- **VISIBILITY & CONTROL**
- **SIMPLICITY**
- **EFFICIENCY**
- **ULTIMATE FLEXIBILITY**

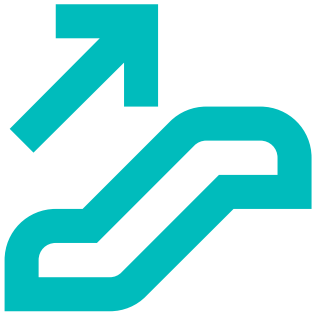


Copyright © 2019 DataCore Software Corp. – All Rights Reserved.

Next Steps

- **Today**: Speak with one of our Solution Architects
- November 14th: Tune in for our Big Announcement

www.datacore.com



Copyright © 2019 DataCore Software Corp. – All Rights Reserved.