

# WHY NETAPP?

for cloud-based enterprise imaging



## OUR VALUES



### TRUST

Decades of experience



### EXPERIENCE

Proven healthcare implementations



### VISION

Strategy to support application-driven infrastructures



### PURPOSE

NetApp makes data infrastructure intelligent

## COMMON ENTERPRISE IMAGING ISSUES



*It's a never-ending cycle of growing and maintaining EI storage.*



*I don't want to maintain a second datacenter for fallover.*



*I need better visibility into where PHI is stored and who can access it.*



*My PACS is not adequately protected from ransomware.*



*I want to incorporate AI into the reading workflow.*



Enterprise imaging in the cloud is an opportunity for **increased efficiency and cost savings**. The choices you make now, though, will have consequences far into the future.

## CLOUD-BASED APPROACHES

to Picture Archiving Communication Systems (PACS) and enterprise imaging

## WHERE ARE YOU NOW? WHERE DO YOU WANT TO BE IN THE FUTURE?

### Second copies of images

- Basic backup and recovery
- Transparent access for radiologists and other users

### Cloud image archive

- Archiving to the cloud to reduce on-premises storage
- Demands robust network connectivity for performance

### Hybrid cloud

- Eliminate secondary datacenters
- Primary applications and data in the cloud
- Disaster recovery using on-premises infrastructure

### Full cloud imaging

- All imaging applications, including RIS, in the cloud
- Demanding SLAs require adequate network connectivity



## DECISIONS, DECISIONS

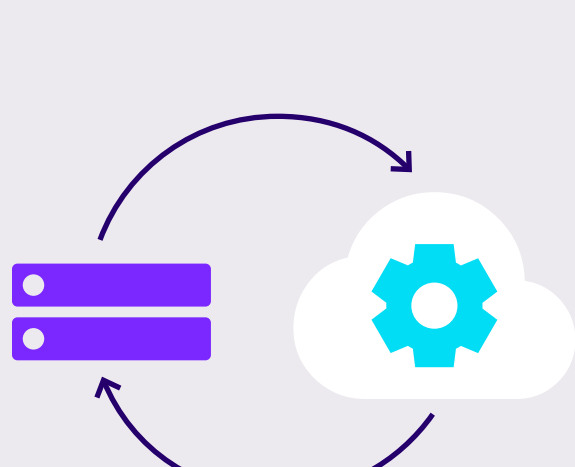
### 1 Choose a cloud provider.

- a. [AWS](#)
- b. [Azure](#)
- c. [Google Cloud](#)

**87%**

of enterprises have a hybrid multi-cloud strategy.

Source: Flexera State of the Cloud 2023



### 2 Choose a storage/management strategy for the EI workloads.

- a. Self-managed [NetApp Cloud Volumes ONTAP](#)
- b. Fully managed [Amazon FSx for NetApp ONTAP](#), [Azure NetApp Files](#), [Google Cloud NetApp Volumes](#)

### 3 Protect the data.

- a. [NetApp Snapshot™](#) copies
- b. [NetApp SnapLock®](#) for data protection

**\$1.85M**

Average cost (US) to remediate a healthcare ransomware attack

Source: Sophos – The State of Ransomware in Healthcare 2022



**52M+ patient records** were exposed by data breaches in 2022.

Source: U.S. Health and Human Services 2022 Healthcare Cybersecurity Year in Review, and a 2023 Look-Ahead

### 4 Manage PHI security and compliance.

- a. [NetApp BlueXP™](#) classification
- b. [NetApp Cloud Insights](#)
- c. Third-party tools

### 5 Optimize for performance and cost-control.

- a. [Spot by NetApp](#)
- b. Use public cloud provider tools
- c. Manually

**82%**

of organizations see managing cloud spend as their top cloud challenge.

Source: Flexera State of the Cloud 2023



## CONSOLIDATE

- [Amazon FSx for NetApp ONTAP](#)
- [NetApp Cloud Volumes ONTAP](#)
- [Azure NetApp files](#)
- [Google Cloud NetApp Volumes](#)
- [NetApp BlueXP classification](#)

## PROTECT

Catch ransomware before it spreads using [Cloud Insights](#). Identify stray PHI and ensure compliance with [NetApp Cloud Data Sense](#). Ensure quick recovery from ransomware attacks through use of immutable snapshots with [NetApp SnapLock](#).

## SAVE

- [NetApp Cloud Volumes ONTAP](#) offers massive cloud cost savings by reducing the storage footprint by up to 50%
- [Amazon FSx for NetApp ONTAP](#) to cut distributed storage management by up to 70%
- [Spot by NetApp](#) can slash cloud compute expenditures by up to 90%

**Use ROI and TCO calculator tools to discover your potential cost savings.**

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