

# DE21020 DTS Data Center Storage Refresh (NetApp)

State of Arizona – DES/DTS  
Change Request



DEPARTMENT OF ECONOMIC SECURITY  
*Your Partner For A Stronger Arizona*

## Agency Vision

All Arizonans who qualify receive timely DES services and achieve their potential

## Agency Mission

DES will ensure the strength and economic stability of Arizona by providing timely, temporary benefit assistance, and aid to vulnerable, qualifying Arizonans.



# Project Team Introduction

## Roles Present at ITAC

- Name-Title
  - Clayton Sikes - Deputy Chief Information Officer

# Project Introduction

## Date/high-level overview of the approved original project investment justification (PIJ):

On 06/23/2021, ADOA ITAC approved the original project investment justification (PIJ) to procure the *DTS Data Center Storage Refresh* solution.

This solution:

- Maintains current reliability and support levels.
- Reduces the physical storage footprint at Iron Mountain.
- Provides for a cloud-based DR strategy going forward.
- Reduces legacy components in the infrastructure from a storage perspective.
- Reduces data center power consumption.
- Provides simplification of infrastructure management.
- Provides Data Encryption at rest.

*The strategy approach requires professional services to be performed over a 120-day period where all data is migrated from the legacy equipment to the new storage footprint. It is critical that this be done in a non-impactful way to ensure maximum agency uptime. The solution when implemented will consolidate the overall equipment footprint at Iron Mountain and will recover approximately \$4,000 per month in electrical circuit charges.*

The original PIJ spanned 7/1/2021 - 5/31/2022 and had total development costs of \$ 1,611,346.80.

## Problem Statement:

- Several storage components hitting end of support
- Significant physical storage footprint
- Large power usage costs due to legacy componentry
- Moving parts seeing greater failure rates
- Audit issues concerning at rest encryption
- Desire to advance technology to increase system performance
- DR Challenges

## Benefit of a Storage Refresh:

- Maintain current reliability and support levels
- Reduction of physical footprint in data center
- Off prem DR capability
- On prem at rest encryption
- Reduction of physical on prem power consumption requirements
- Simplification of infrastructure management

# Project Change Request Overview

## What in the PIJ is changing?:

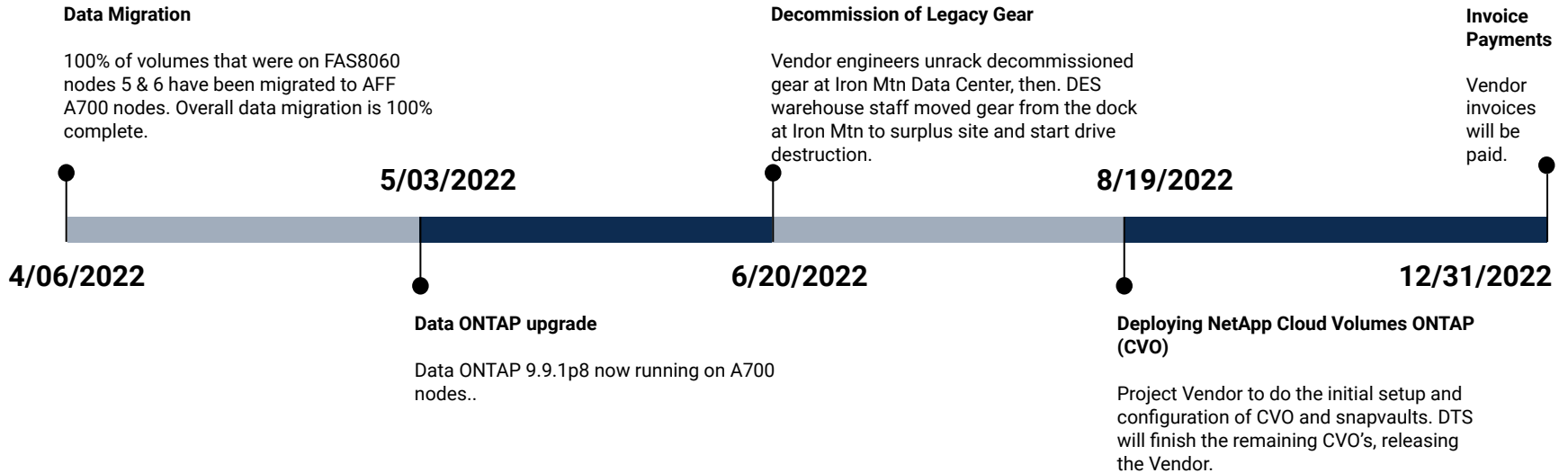
- Timeline
  - From 5/31/2022 to 12/31/2022
- Scope
  - Descoping \_\_\_\_ and/or Adding \_\_\_\_
- Budget
  - From \$\_\_\_\_ to \$\_\_\_\_

## What initiated this change?:

- Delivery of necessary purchased equipment was delayed.
- Vendor SME (professional services) became ill (Covid) and required an extended period to recover.
- Project is 98% complete. One remaining task will be completed by 9/30/2022. 90 days are required to complete payment of remaining outstanding invoices.

# Project Timeline

## Revised timeline for Solution



# Revised Project Timeline

Identify any change in timeline and possible benefits:

Milestone Name	Milestone Health	% Complete	Original Start Date	Original End Date	Revised Start Date	Revised End Date
Readiness & Plan	Green	100	8/26/2021	10/14/2021		
Design	Green	100	10/01/2021	12/03/2021		
Build and deploy	Green	100	10/29/2021	12/29/2021		
Node/Data Migration	Green	100	12/28/2021	03/25/2022		
Resume steady state	Green	100	01/21/2022	05/03/2022		
Communications	Green	99	8/26/2021	06/30/2022		09/30/2022
Final Invoices Paid	Yellow	60	03/25/2022	06/30/2022		12/31/2022
<b>Revised Milestone to be added:</b>						
ONTAP cloud volumes		Not Started	05/03/2022	06/30/2022	08/19/2022	09/30/2022



# Q & A Session

# Appendix