

Vormetric/KeySecure Migration Planning



CDSP Product Management
April 2021

CipherTrust Data Security Platform

Discover

Protect

Control



Agenda

■ CipherTrust Introduction

■ High Level Announcement Info

- DSM + Agents
- Update KS Announcement to Include Connectors

■ Planning for Migration

- Considerations
- High Level Costs



CipherTrust Data Security Platform

Discover, protect and control your most sensitive data anywhere with the next-generation unified data security platform

A unified platform to simplify data security

Digital transformation security for data migrating to cloud, big data, and container environments

Centralized policy and key management and easily expanded to new use cases for low TCO

Thales CipherTrust Data Security Platform

Discovery

Encryption and Tokenization

Key management



Discovery and Classification



Transparent Encryption



Database Protection



Application Data Protection



Tokenization



Enterprise Key Management



Cloud Key Manager

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CipherTrust Manager* is Field Proven



Key
Management



Access
Policies



Auditing
Reporting



Flexible
APIs



FIPS 140-2
Compliant



CipherTrust Manager

- Centrally manage keys with role-based access policies
- Central management point for the CipherTrust Data Security Platform
- Enhanced auditing and reporting with multiple log formats and customizable alerts
- REST APIs to automate administrative function and allow programmatic encryption
- Multi-tenant capable with strong separation of duties
- Available as either a virtual or hardware appliance. Hardware appliance with FIPS 140-2 validated, Level 3 available.

Comprehensive Data Security Portfolio, Centrally Managed

CipherTrust Connectors

-  Data Discovery and Classification
-  File-level Encryption and Access Control
-  Database Encryption
-  Developer Crypto Tools
-  Tokenization w/Dynamic Data Masking

CipherTrust Cloud Key Manager

-  amazon web services
-  Microsoft Azure
-  IBM Cloud
-  Google Cloud Platform

High Speed Encryptor

Network encryption



Luna HSM

Root of Trust



CipherTrust Manager
Enterprise Key Management and Policies

Enterprise Key Management

For native encryption



Oracle MySQL
MS Always Encrypted
IBM DB2



vSAN/vCenter
Hadoop
Custom Apps



Full Disk Encryption
Tape Archives
NTAP, Pure, EMC,
IBM, Hitachi, Dell,
etc.

Luna Cloud HSM

Root of Trust on DPoD



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Bringing together best-of-both and MORE



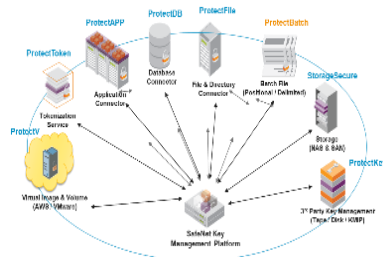
Vormetric Data Security Platform

+ CipherTrust Data Discovery and Classification

+ CipherTrust Cloud Key Manager

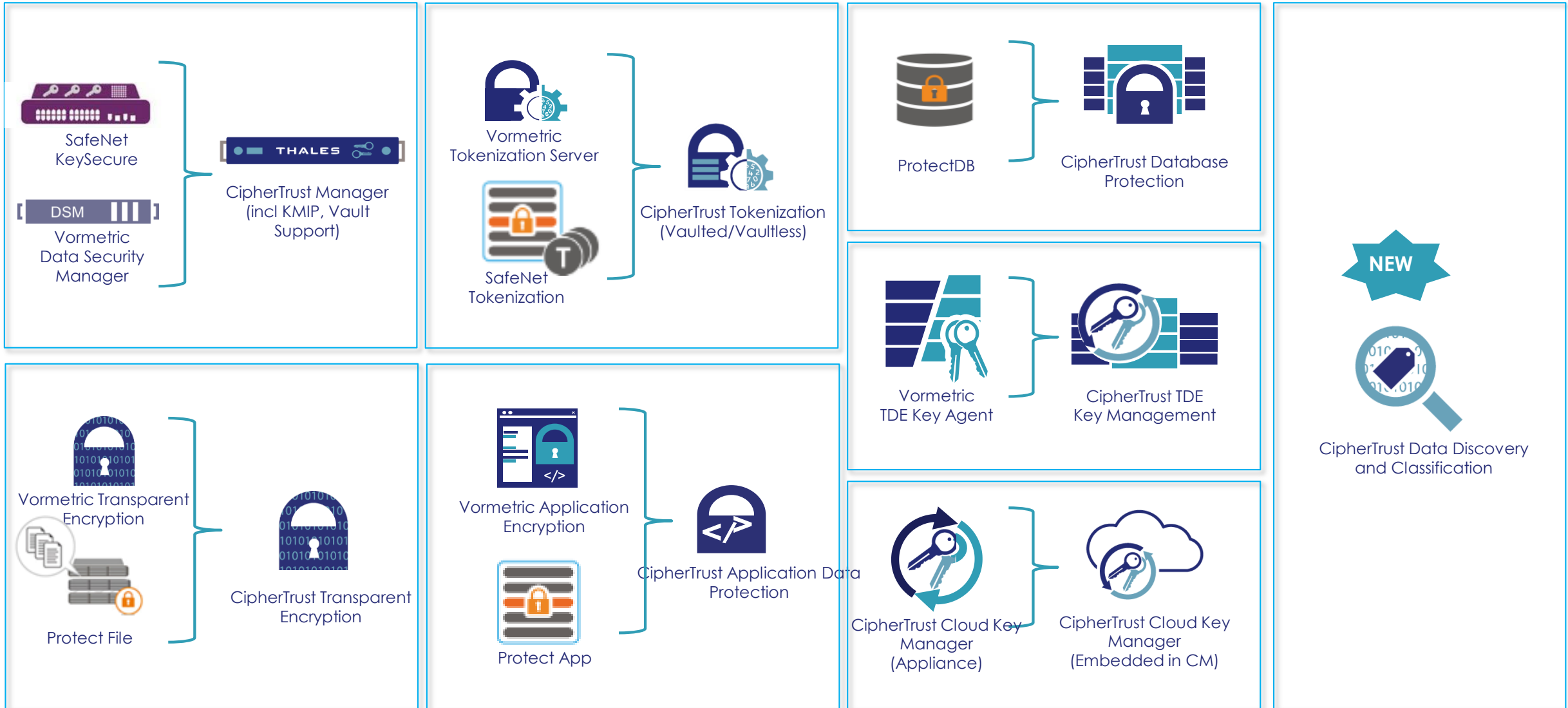
CipherTrust Data Security Platform

- Best of Vormetric DSP and KeySecure Connectors
- Integrated data discovery and protection



CipherTrust Product Mapping

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Top 10 Reasons to Choose CipherTrust Data Security Platform

#1

Data discovery & protection in a single, integrated platform

#2

Deploys across data centers, cloud environments: public, private, hybrid

#3

Broad use cases: encryption, LDT, tokenization, masking, access control and logging

#4

Secure cloud migration with multi-cloud key management & BYOE

#5

Developer friendly APIs to simplify and automate testing and deployment of applications

#6

Self-service Licensing for better visibility and control

#7

FIPS 140-2 compliant appliance (hardware or virtual), and agents

#8

Multitenant key management and strong separation of duties

#9

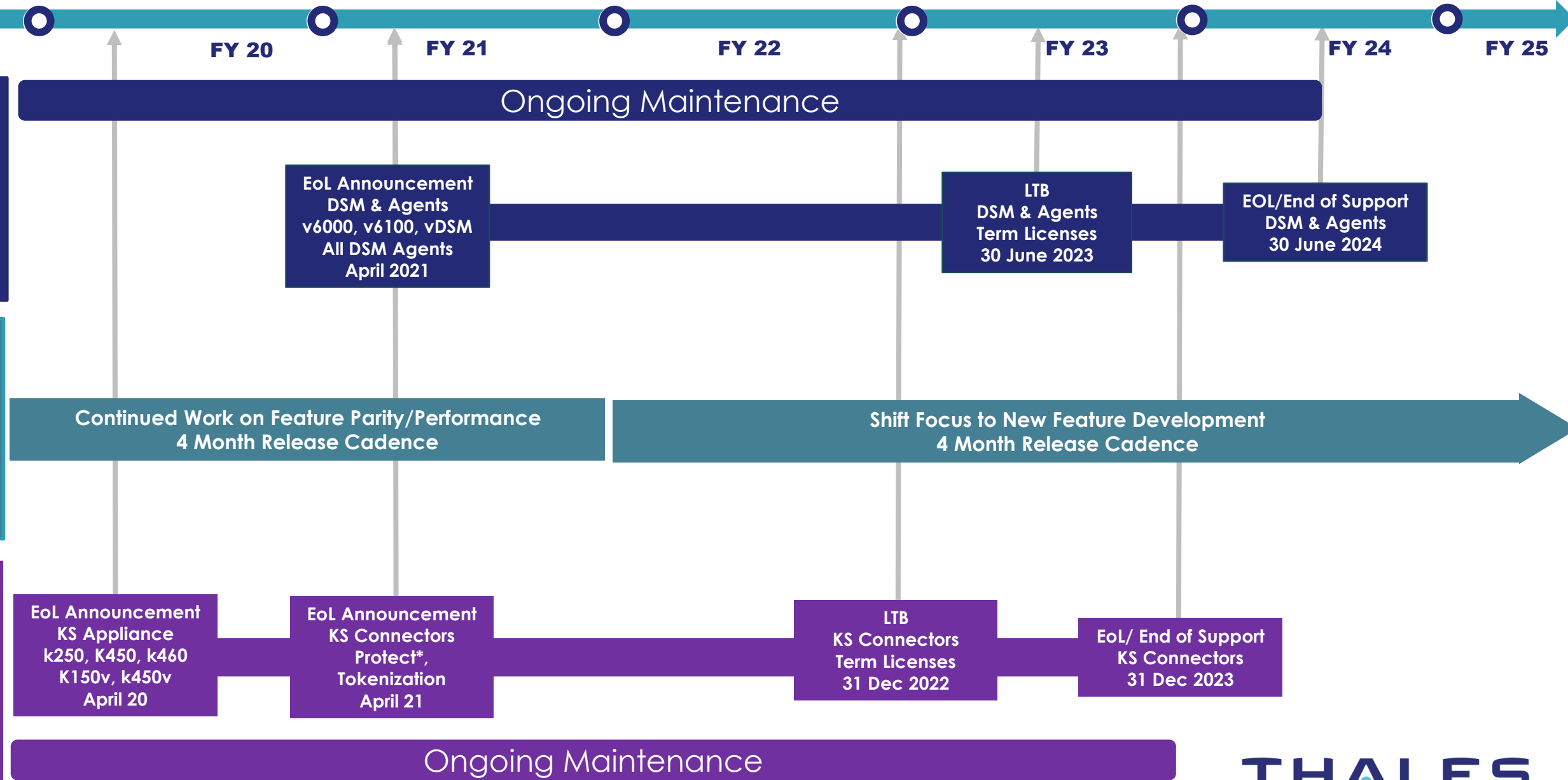
Monitor data access and behavior of processes and users

#10

Unparalleled partner ecosystem

Key Management / Encryption Timeline

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Migration Considerations

Developing a Plan



Step 1: High Level Migration Plan



1) Survey Current Use Cases
(appliances, HA groups, Connectors, Prod/NonProd)



2) Discuss Future Use Cases
(Migration to Cloud, etc.)



3) Prioritize and Run Technical PoC
Appliance/License "True Up"/"Tune Up"



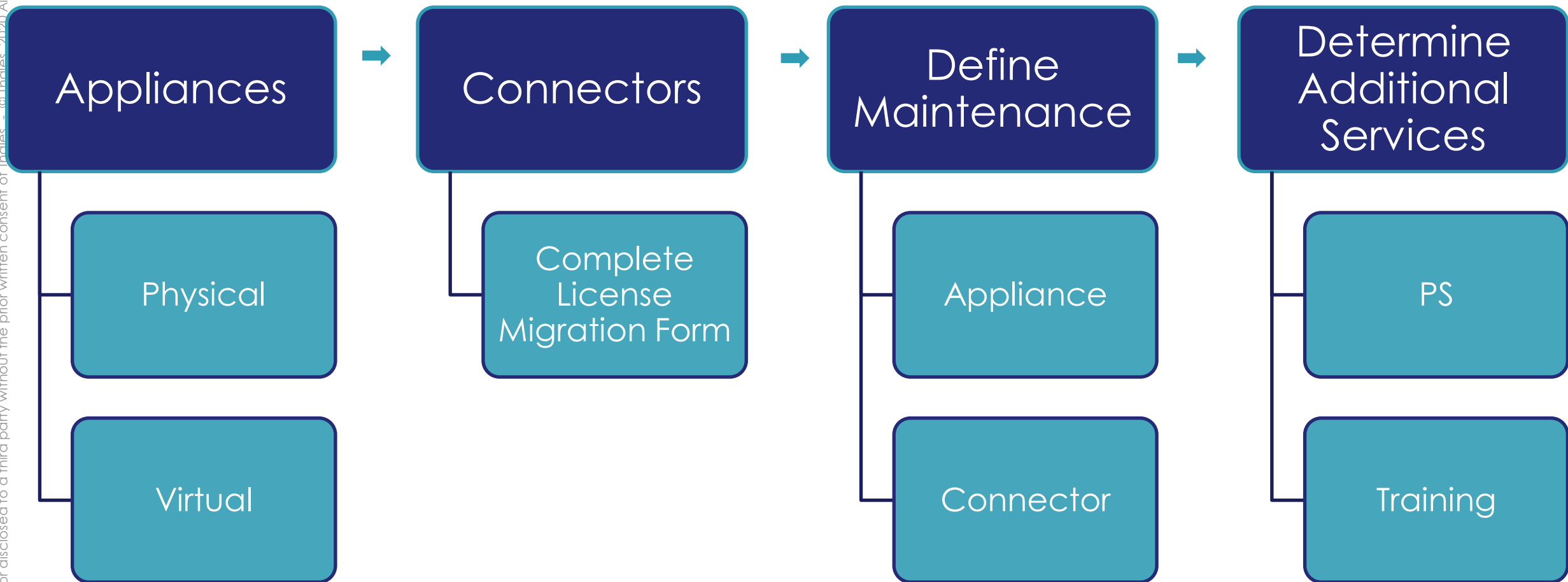
4) Review Results / Issue Prod / Non Prod Licenses



5) Project plan to rollover production environment to
CM

Steps to Migrate KS/DSM Solutions

Work with your Sales team to build the following:



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Migration example – DSM to CipherTrust Platform

Customer has 2 environments to migrate

- Production: 2 DSM v6000's and 10 VTE Licenses with Maintenance Exp in June 2022
- Non-Production: 1 Virtual DSM with 5 Non-Prod Licenses for test purposes

Customer expects to be migrated to CipherTrust by June 2022

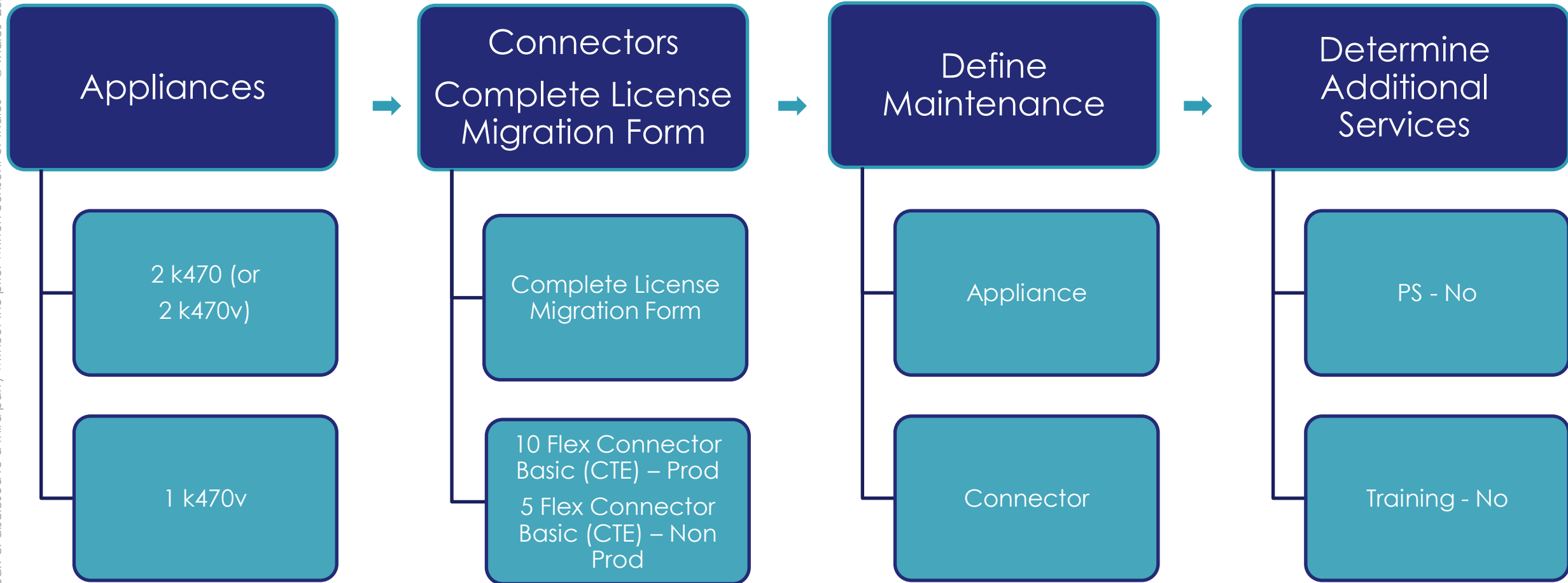
Would like to use FY 21 budget and place order by June 30, 2021

No new connectors needed, will stick to same deployment model

No training or PS requirements

DSM Migration Example - Solution

Quote Solution



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Migration Example – KeySecure to CipherTrust

Customer has 1 environment to migrate and one new environment to purchase

- Existing Environment: 2-k150v's (Term Licenses) supporting 2 VMware vCenters (with 20 ESXi hosts each) (40 KMIP Connector Licenses total)
- No non-production due to budget issues on original purchase.
- Maintenance set to expire December 31, 2022.
- Think they will be able to transition Jan 1, 2022.
- New Environment: Create a new Non-Production environment that duplicates their Production environment

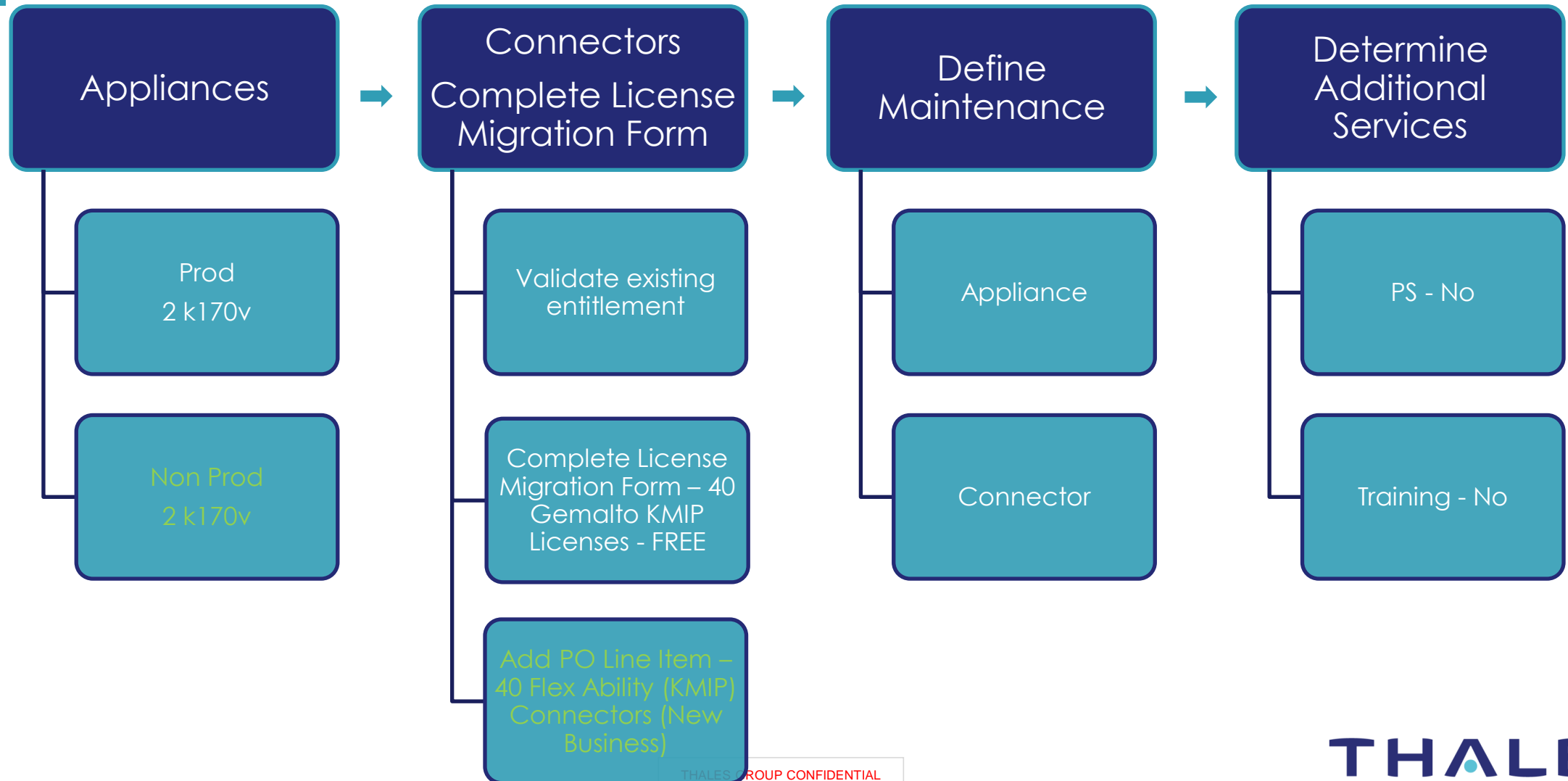
KeySecure Migration Example - Solution

Customer has 1 environment to migrate and one new environment to purchase

- Existing Environment: 2-k150v's (Term Licenses) supporting 2 VMware vCenters (with 20 ESXi hosts each) (40 KMIP Connector Licenses total)
- No non-production due to budget issues on original purchase.
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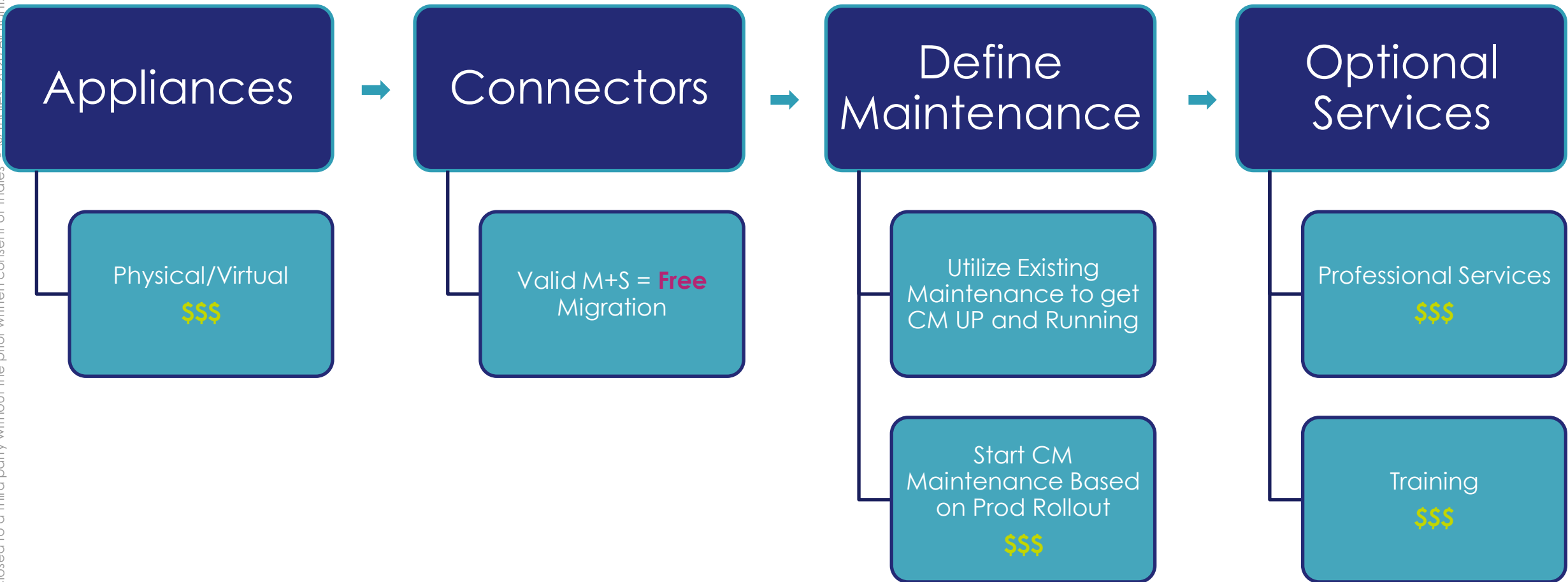
Steps to Generate Migration Quote

Quote Solution



Summary

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Partner Ecosystem Overview

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Customers need to take steps to plan and budget migration

- DSM Customers have ~3 years
- KS Customers have 2.7 years

DON'T WAIT FOR FEATURE PARITY!

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QUESTIONS?
Contact Your Thales Account Team

Thank you

Gracias مكل اركش

धन्यवाद Merci

Danke 謝謝

ありがとうございました