vFORUM 2019

Showcase Keynote: HCI – Foundation for your Future Proof Infrastructure

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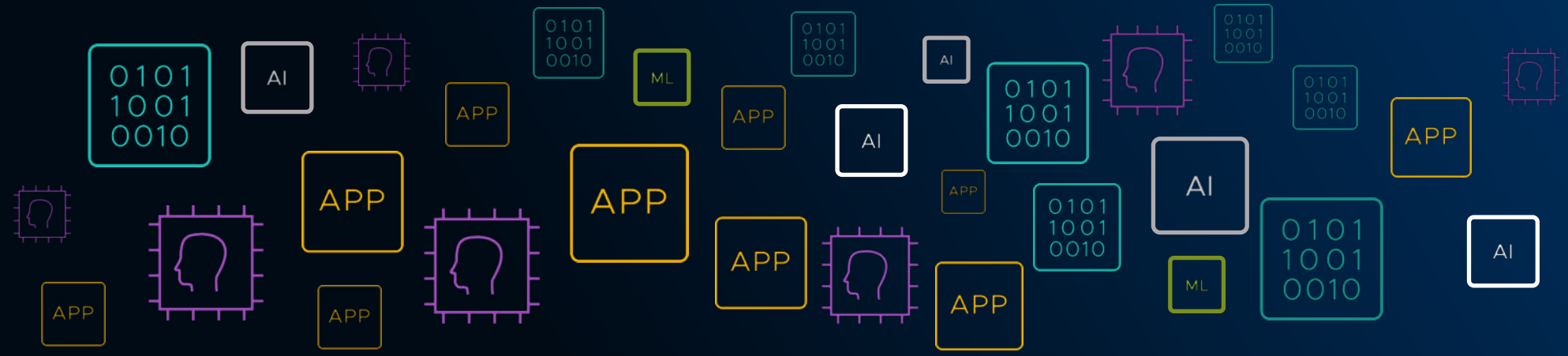
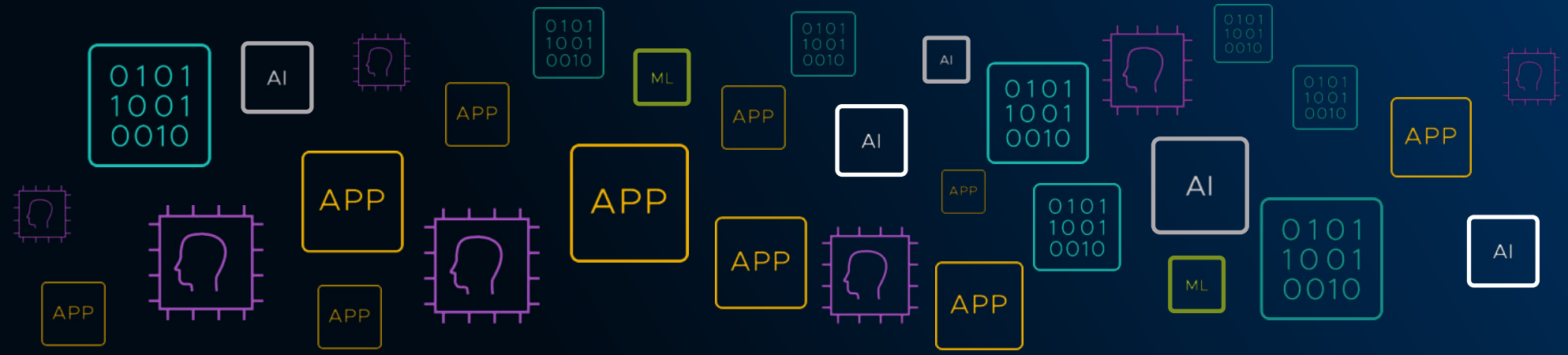
Digital Transformation Requires Agile Infrastructure



Siloed Infrastructure

Hyperconverged Infrastructure is Agile Infrastructure



Core HCI

Automation & Operations

Compute

Storage

Increased Share of Workloads on HCI Moving Forward

Change in Workload Infrastructure Location In the Next Three Years*

Traditional Infrastructure

Hyperconverged Infrastructure

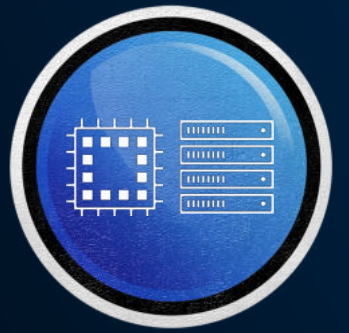
Converged Infrastructure

*Data processing, analytics, business intelligence workloads

Source: 451 Research Voice of the Enterprise: Compute Infrastructure Workloads and Key Projects, Q1 2019

Why HCI is Winning

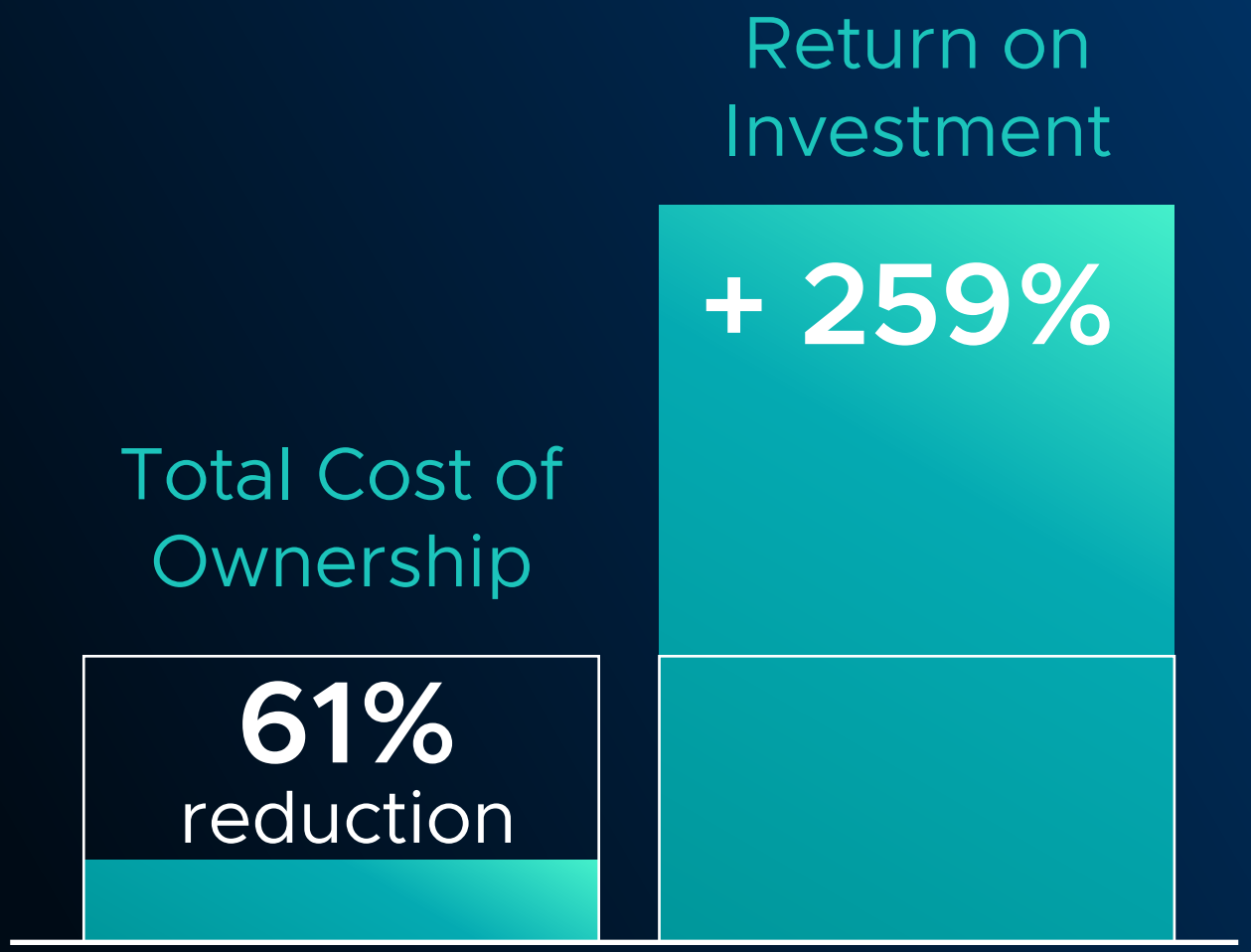
Operational simplicity



Server-side economics

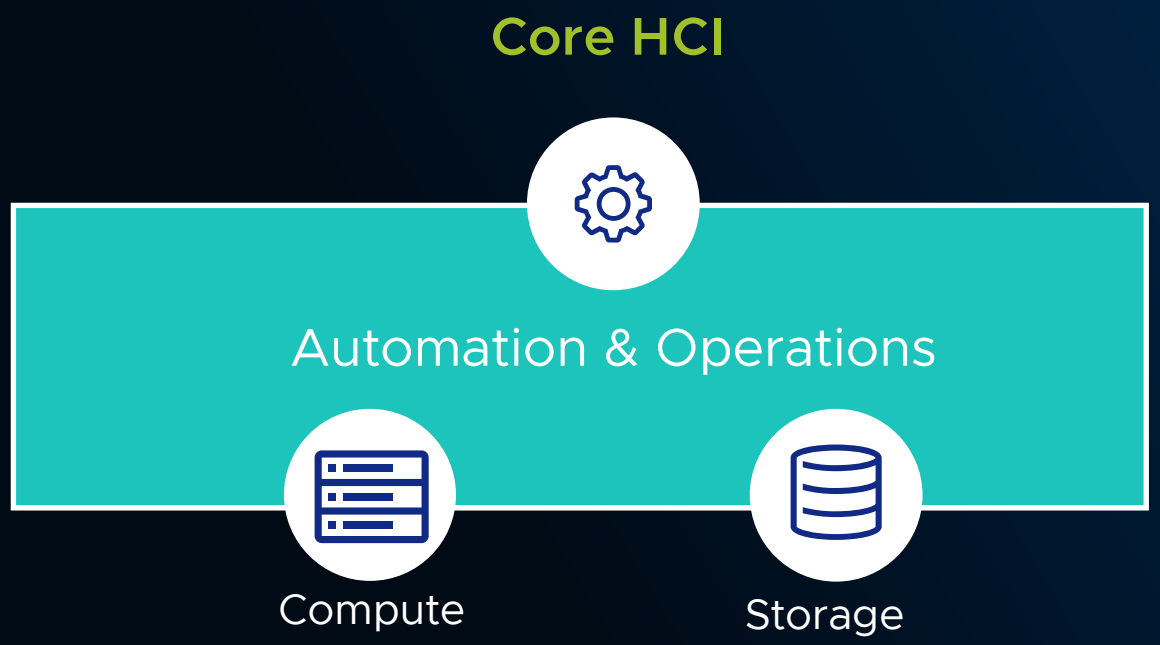
Future-proof infrastructure

HCI Economics

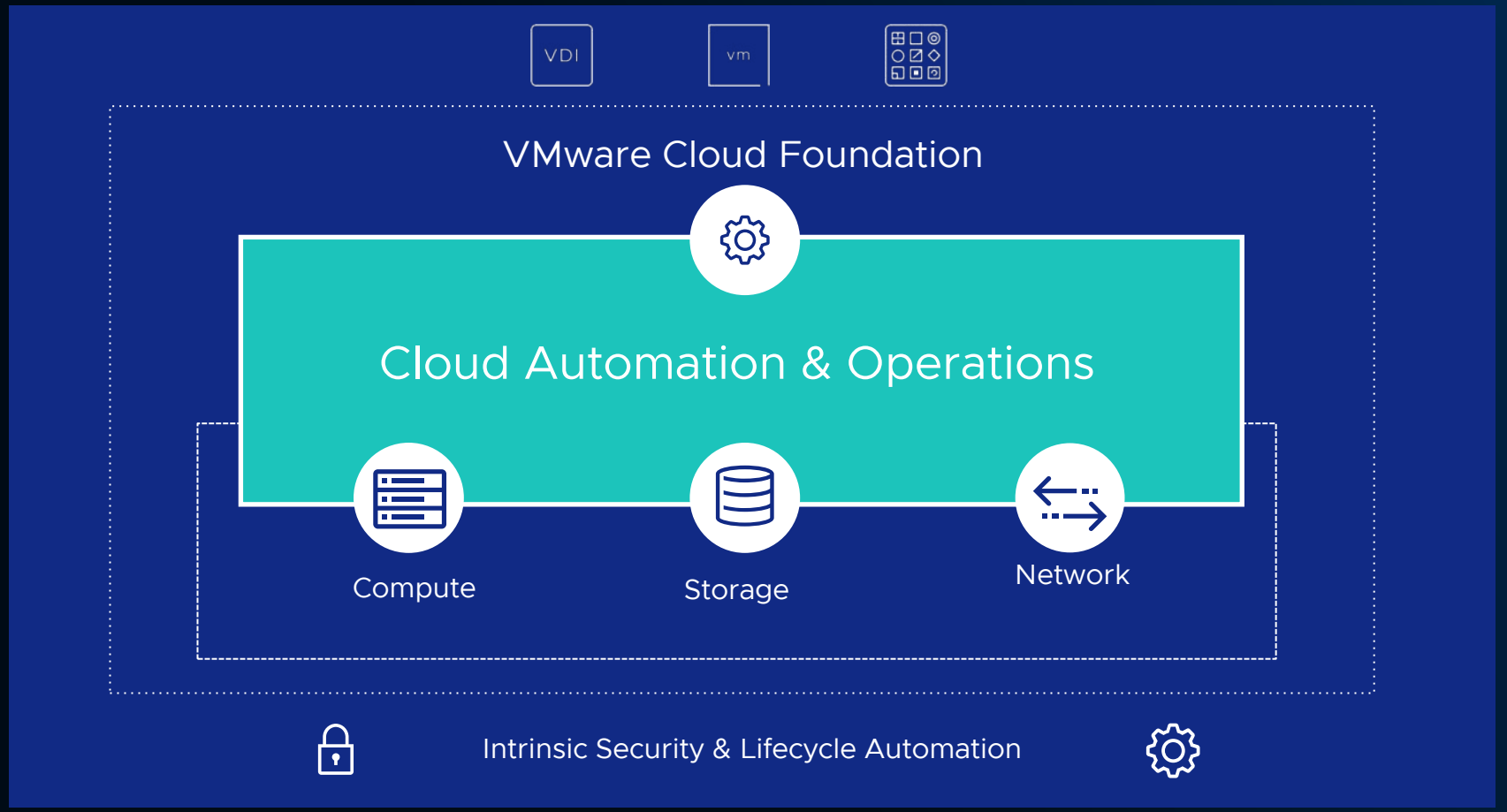


Source: The Total Economic Impact™ Of VMware vSAN, a September 2019 commissioned study conducted by Forrester Consulting on behalf of VMware"

Core HCI is the First Step …



Full Stack HCI Delivers the Private Cloud



VMware Cloud Foundation Leadership

300K+
Customers

20K+
Customers

#1
Hyperconverged Systems
based on HCI SW ownership

500+
Cloud Partners

60%
Global 2,000

13K+
Customers

88%
Fortune 100

8/10
Top Telcos

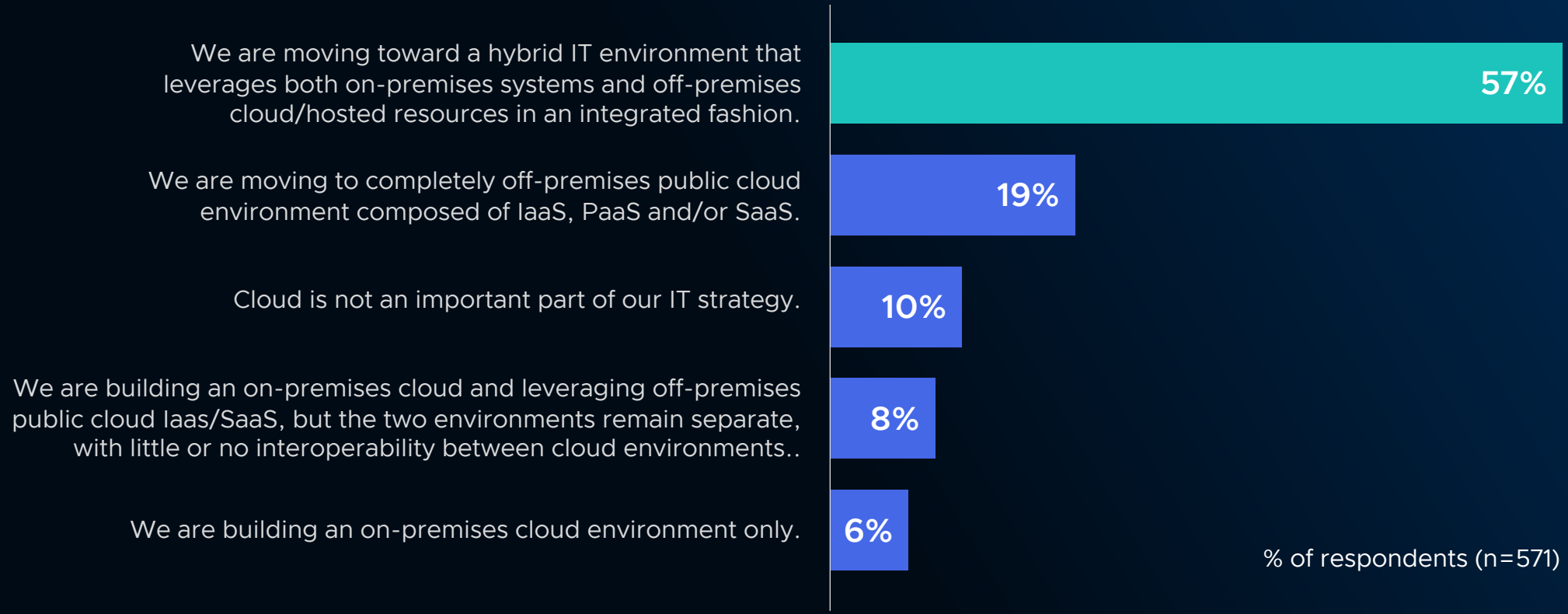
40K+
Customers

99%
of Fortune 100

Sources:
IDC Worldwide Software-Defined Compute Software Market Shares 2018. Jun. 2019 * IDC Worldwide Quarterly Converged Systems Tracker, Hyperconverged Systems Based on Owner of HCI Software, Q1 2019 * IHS Market In-Use Data Center and Enterprise Software-Defined Networking Market Revenue, 2Q 2018 * IDC Worldwide Cloud System and Service Management Software Market Shares, 2018: Multicloud Strategies Take the Lead * Customer counts as of Q2 FY20

The Future is Hybrid

Which of the following best describes your organization's overall IT approach and strategy?



Source: 451 Research Voice of the Enterprise: Cloud, Hosting and Managed Services Workloads and Key Projects, Q1 2019

Hybrid Cloud Spans On-prem and Off-prem

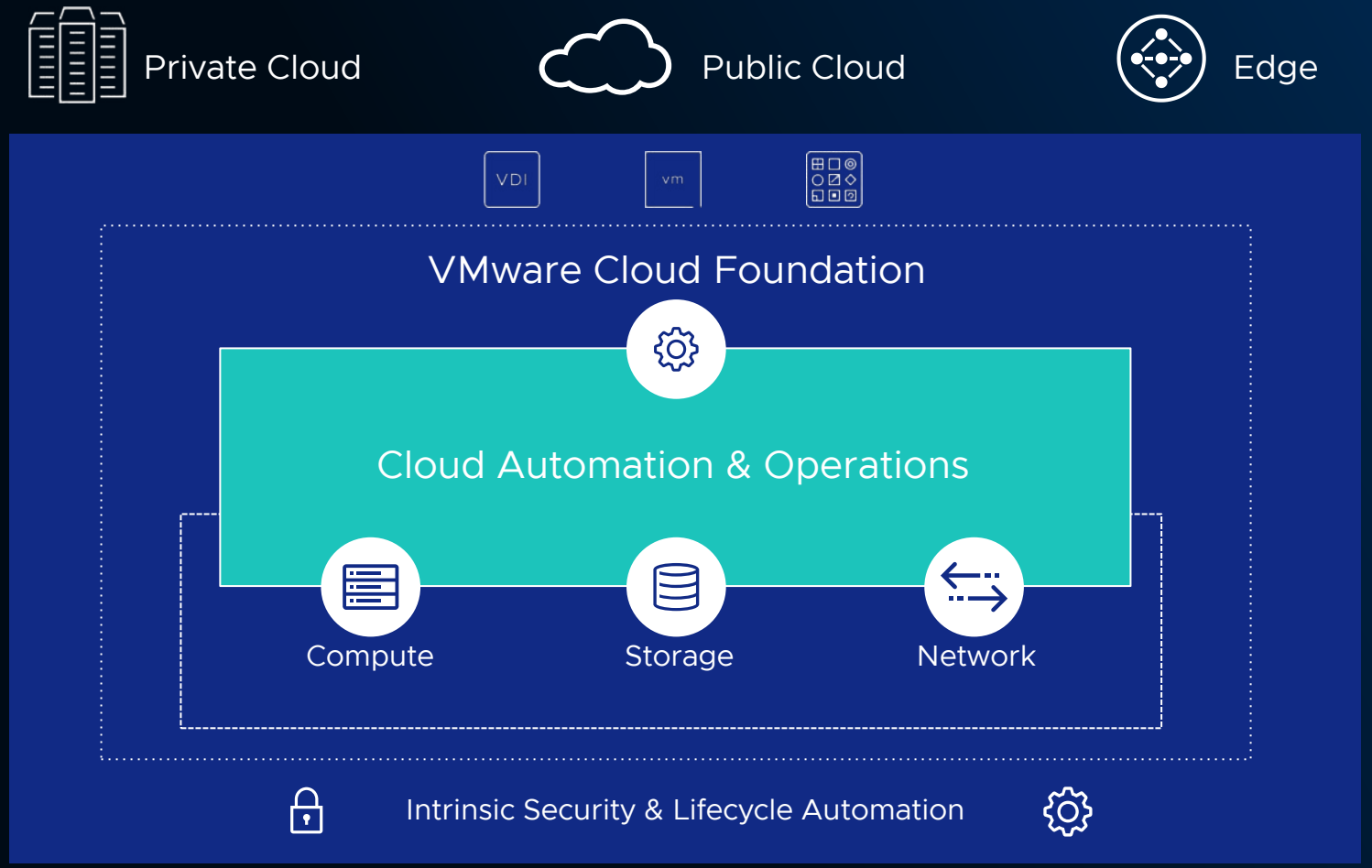
Consistent Infrastructure | Consistent Operations

Private Cloud

Public Cloud

Edge

VMware Cloud Foundation is the Ideal Hybrid Cloud Platform



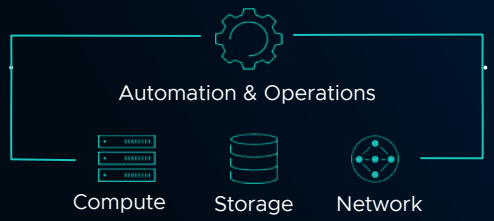
VMware Cloud Foundation Powers Hybrid Clouds

vmware | aws

VMware Cloud™ on AWS

vmware

VMware Cloud Foundation



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Microsoft Azure

Google Cloud

IBM Cloud

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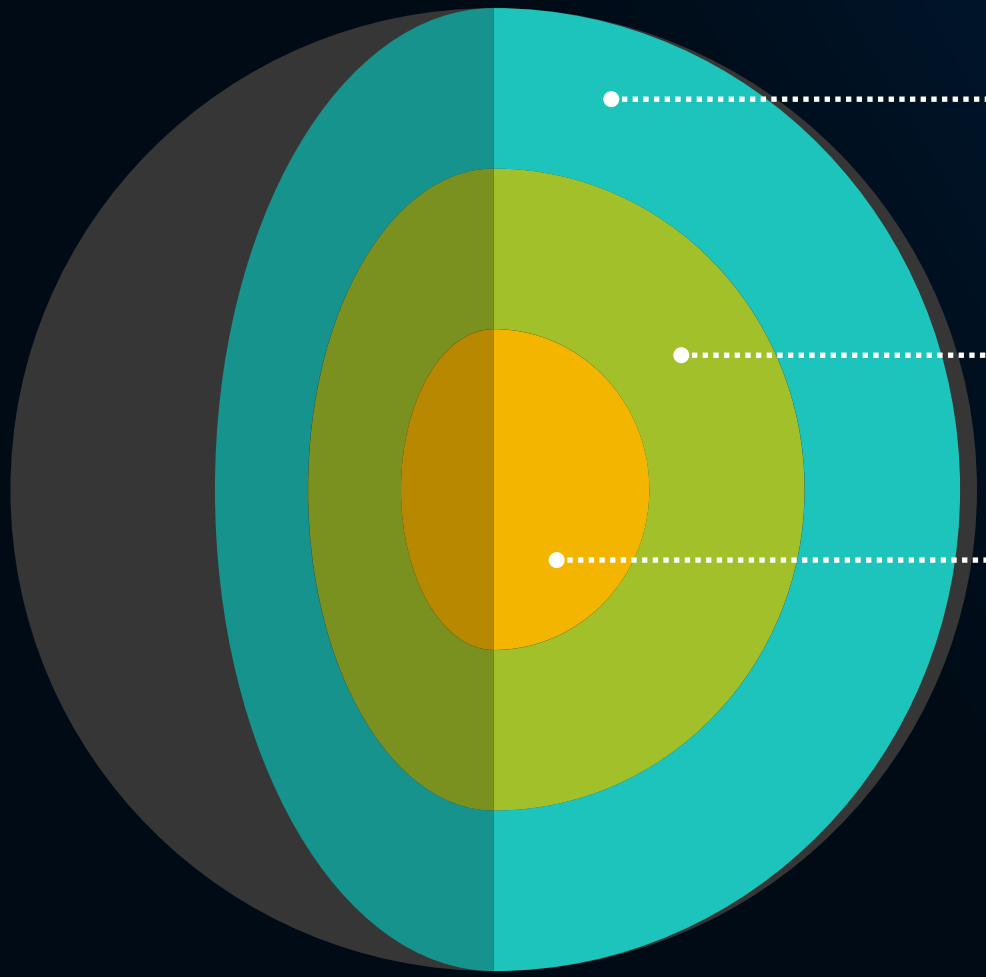
VMware Cloud for On-Premises

Cloud Solutions for the Data Center and the Edge

DELL EMC

aws

Hybrid Cloud Journey at Your Own Pace



Hybrid Cloud
VMware Cloud
on AWS...

Full Stack HCI
Cloud Foundation

Core HCI
vSAN + vSphere

Consistent Operations
On-prem and Off-prem

Fully Automated
Private Cloud

Easy Agility

Healthscope

Barbara Mackenzie - CTO

What's New with HCI

Will Mansfield – Specialist SE Manager

What's New for HCI

Native Integration for Modern Applications

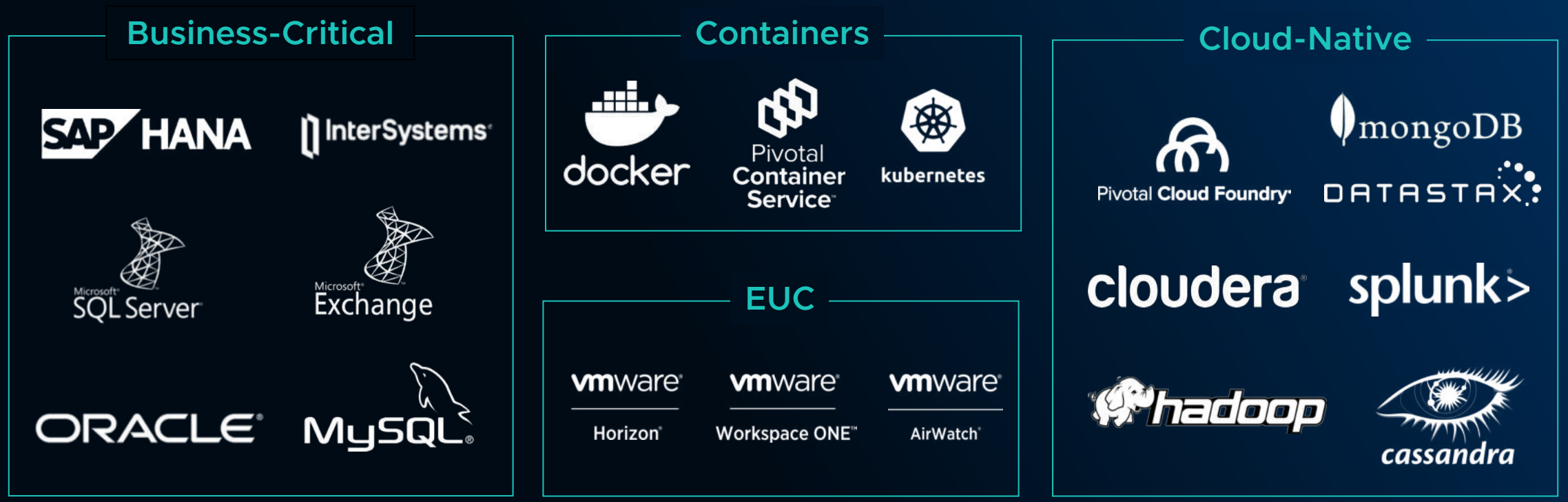
Expanded Infrastructure Options

Enhanced Management and Operations

Sydney Adventist Hospital

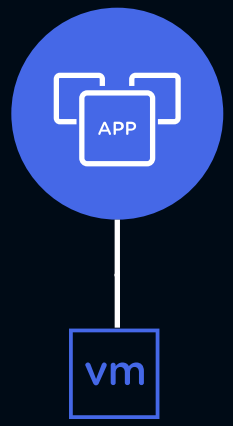
Glenn Elliott- Technical Lead

VMware HCI Powers Any Application

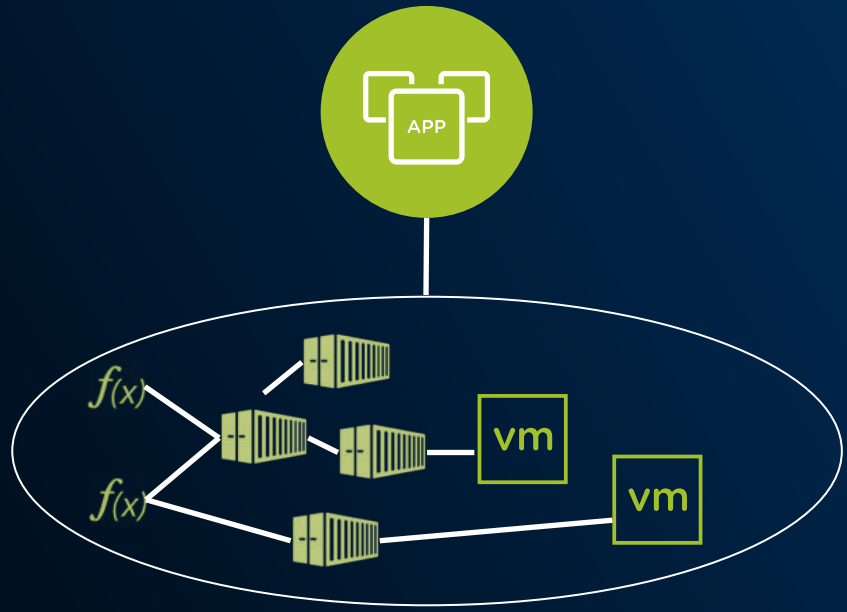


Evolution of Enterprise Applications

Past:
Off-the-shelf Software in a VM



Now:
Home Grown, Distributed Software



Advanced analytics

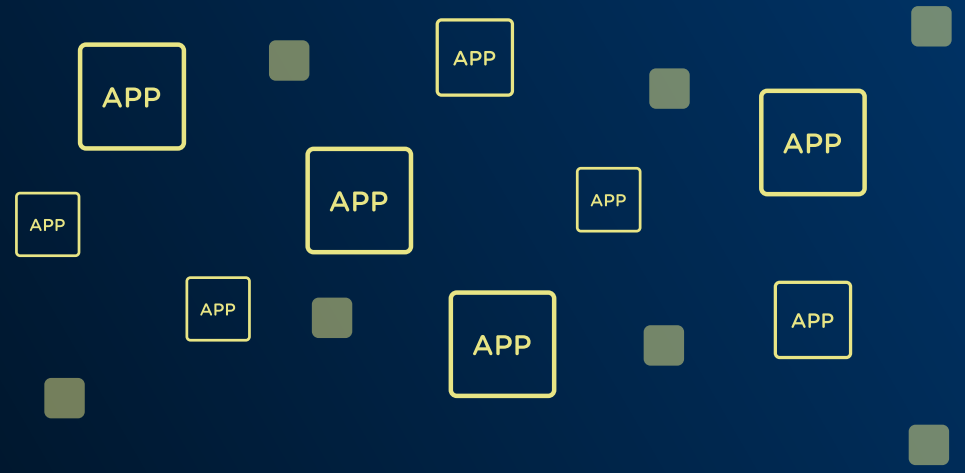
Next-generation storefronts

Self-service experiences

Data-Defined Business Processes

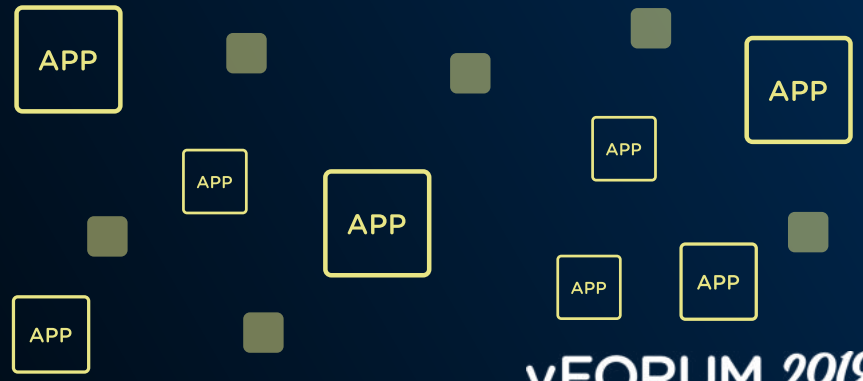
Industrial IoT

Business process automation



More applications and solutions will be deployed

in the next five years than in the last 40 years



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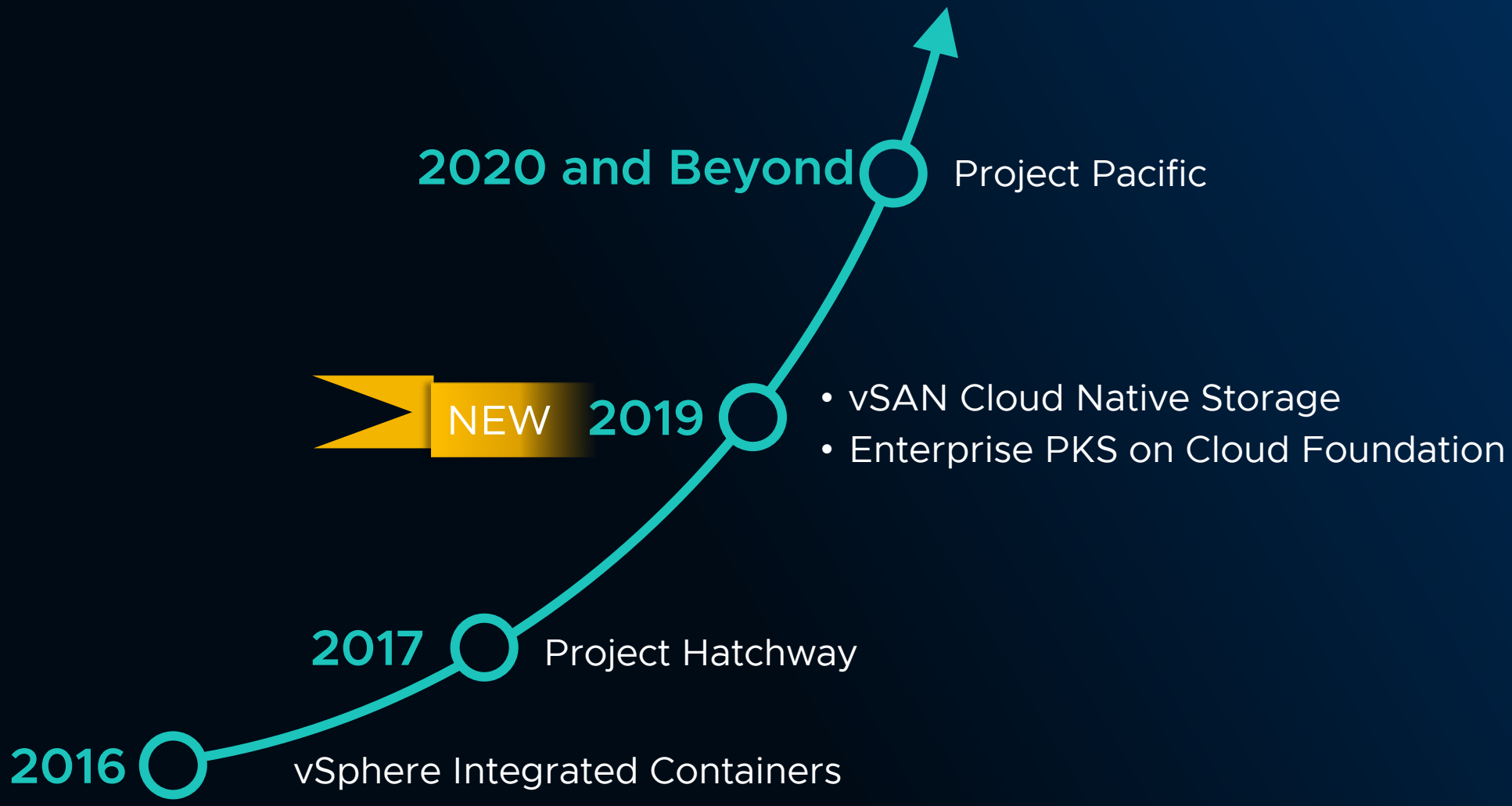
HCI: The Foundation for Modern Apps



Cloud Native Storage Demo

What's New for HCI

Native Integration for Modern Applications

Expanded Infrastructure Options

Enhanced Management and Operations

Flexible Infrastructure Options for HCI

Fluid
Compute Pools

Dynamic
Reconfiguration

Decouple
Storage/Compute

Available now

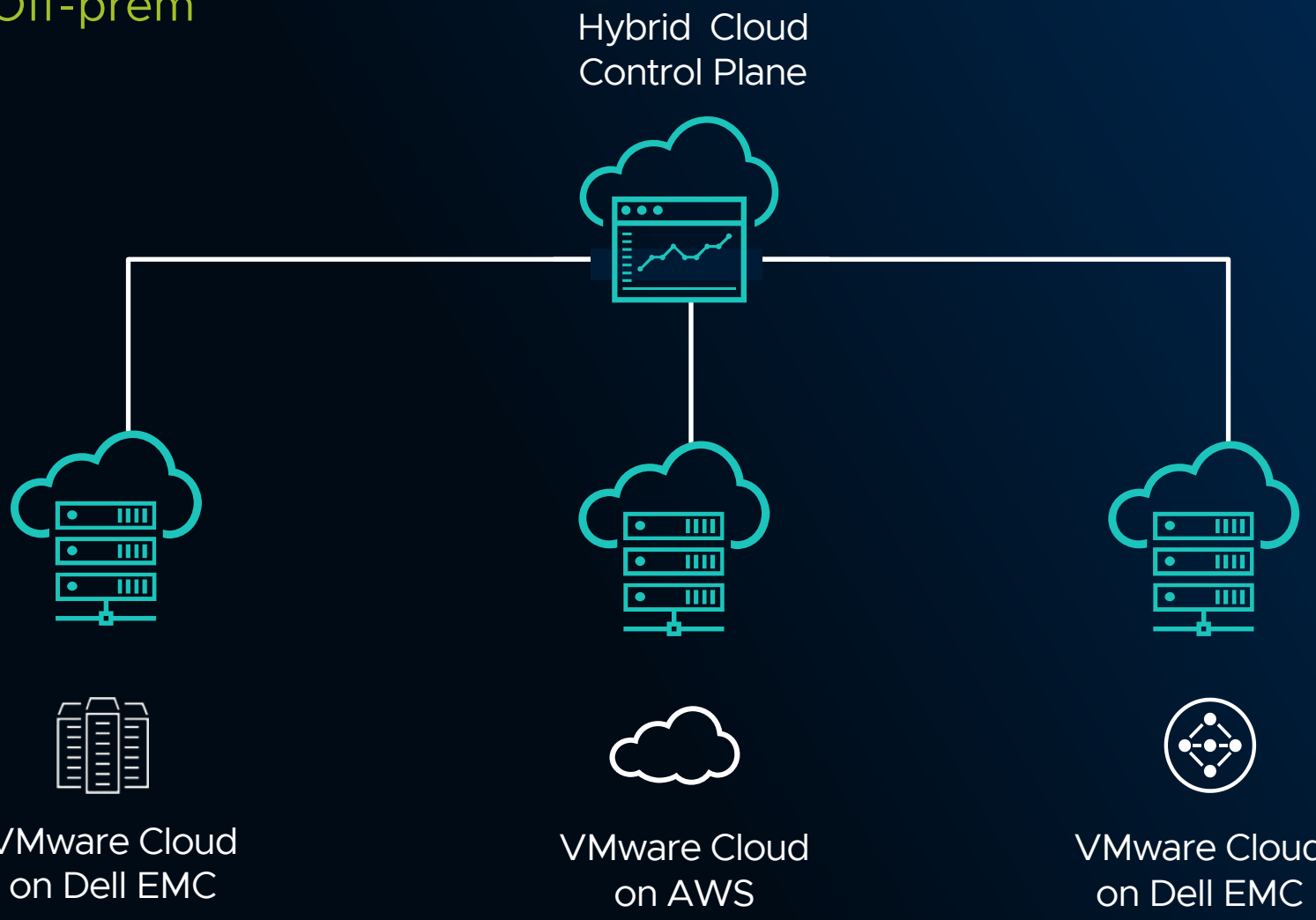
Dell EMC PowerEdge MX7000

Hewlett Packard Enterprise Synergy

Available through GreenLake

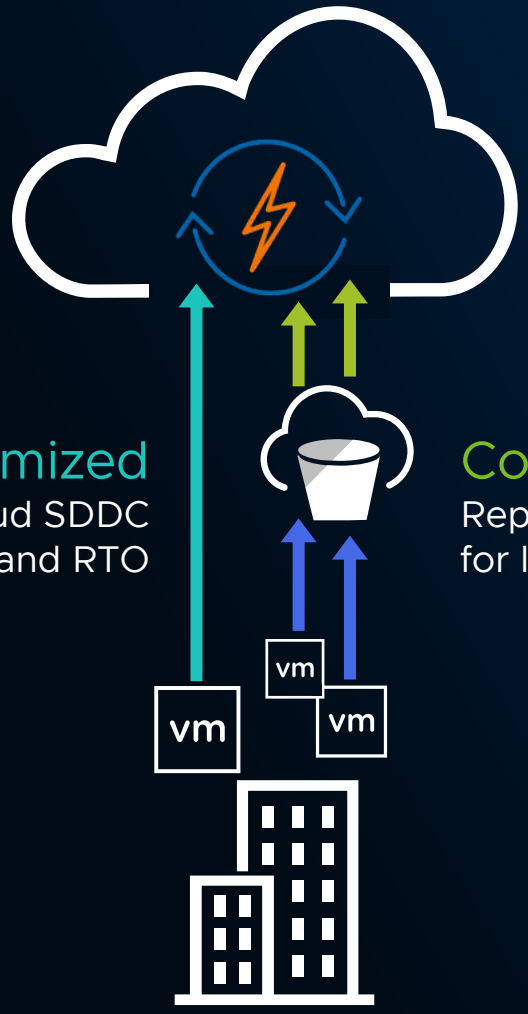
New Consumption Model for HCI: HCI-as-a-Service

On-prem and Off-prem



VMware Site Recovery: DRaaS with VMware Cloud on AWS

Combining our best-in-class DR solution with the elasticity and simplicity of the cloud



Performance Optimized

Direct replication to cloud SDDC
for lowest RPO and RTO

Cost Optimized*

Replication to native cloud storage
for lowest DR infrastructure cost

* Planned feature not currently available. Information presented here about this feature is intended to outline our general product direction and it should not be relied on in making a purchasing decision or incorporated into any contract.

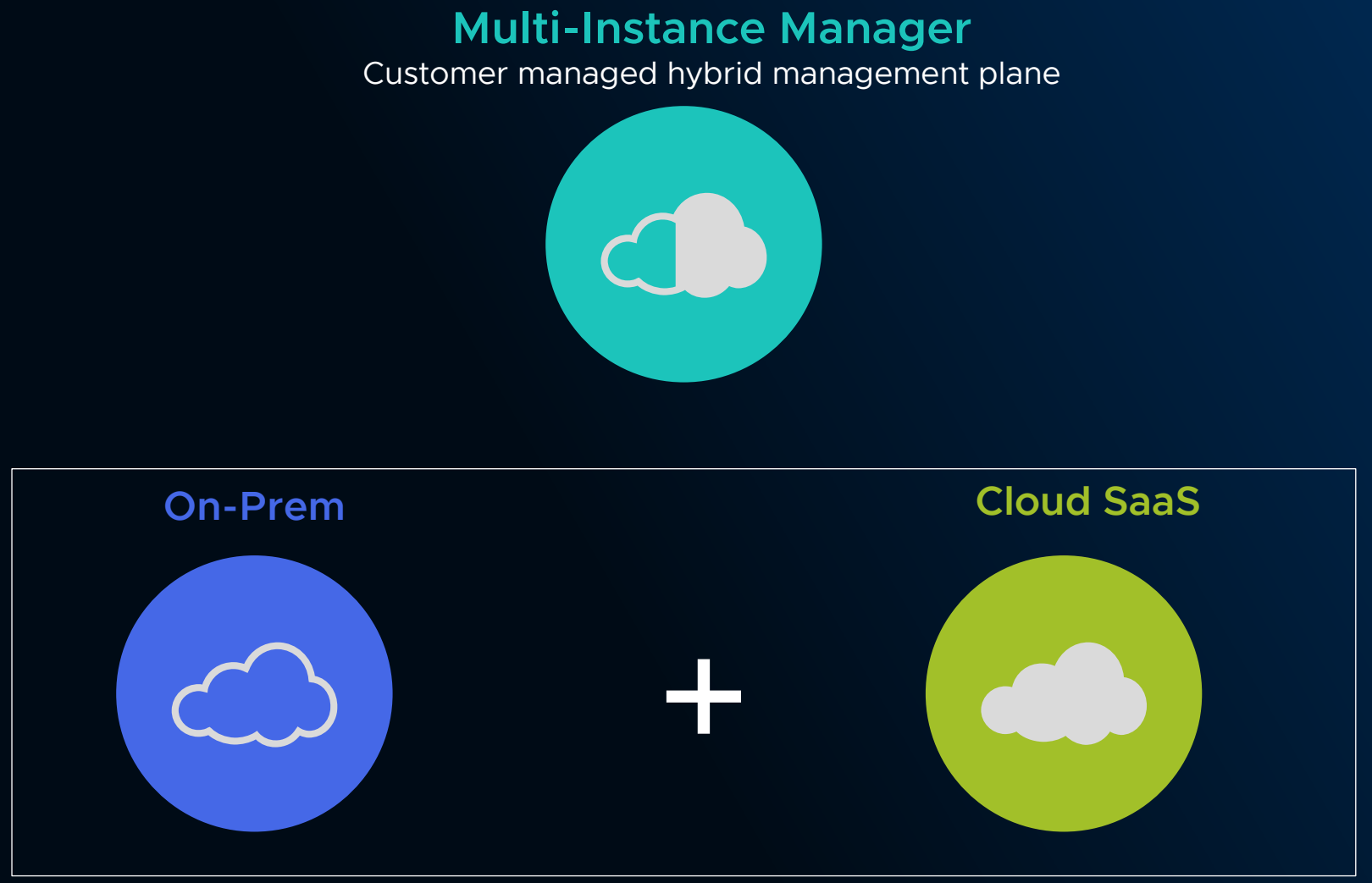
What's New for HCI

Native integration for Modern Applications

Expanded Infrastructure Options

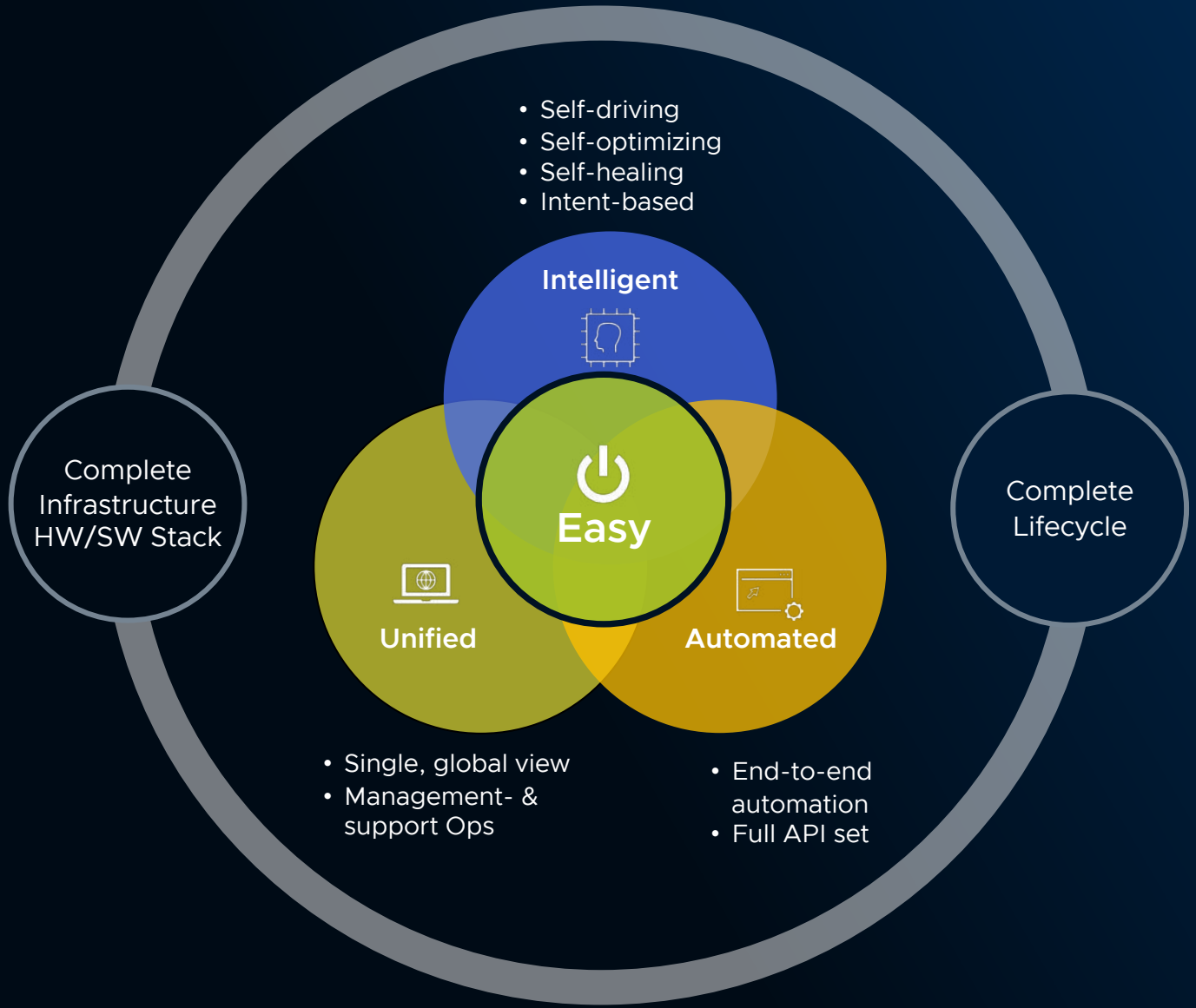
Enhanced Management and Operations

Hybrid Management Vision

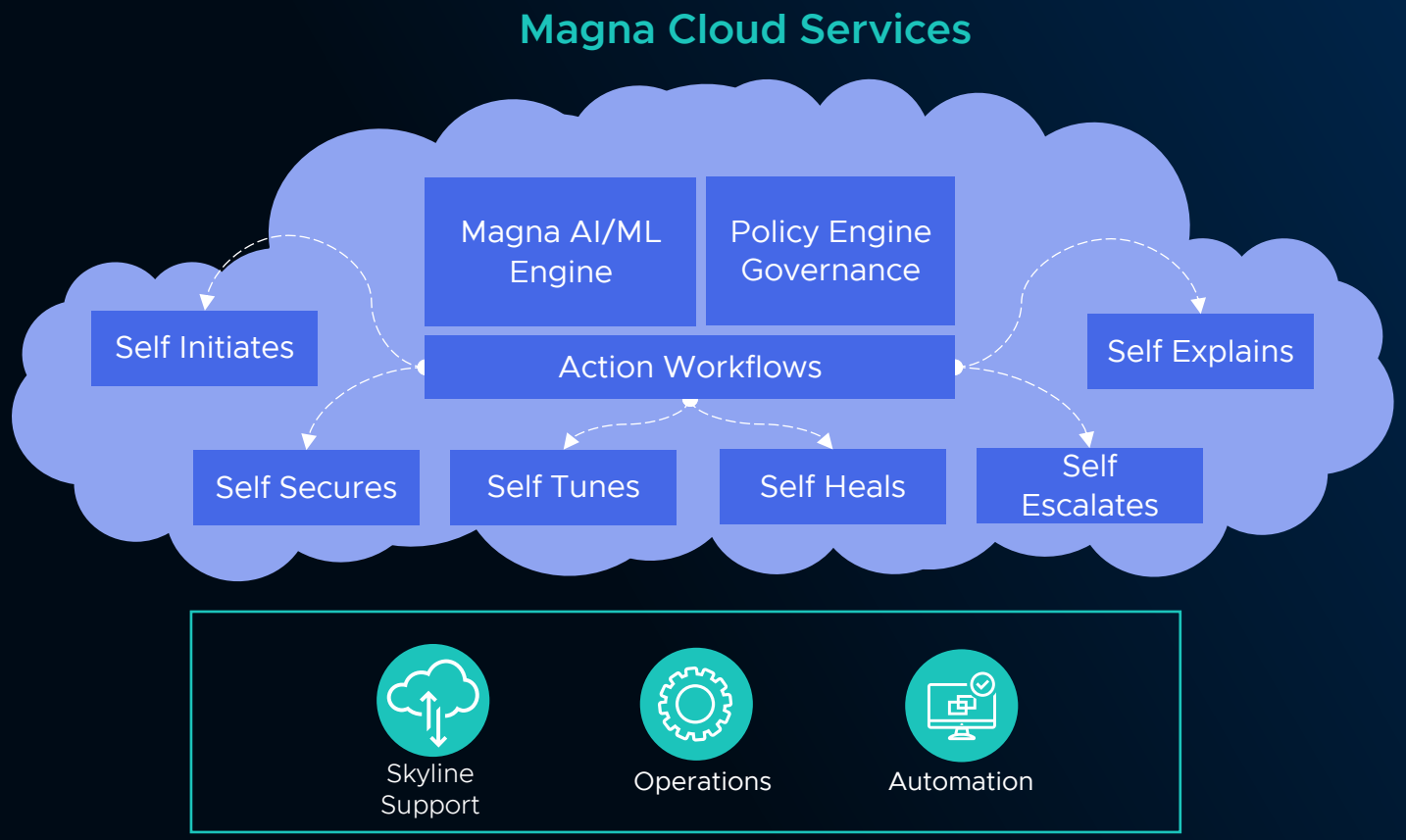


From Integrated Management to Self-Driving Operations

HCI management



The VMware Project Magna Vision: Self-Driving Infrastructure



Project Magna Demo

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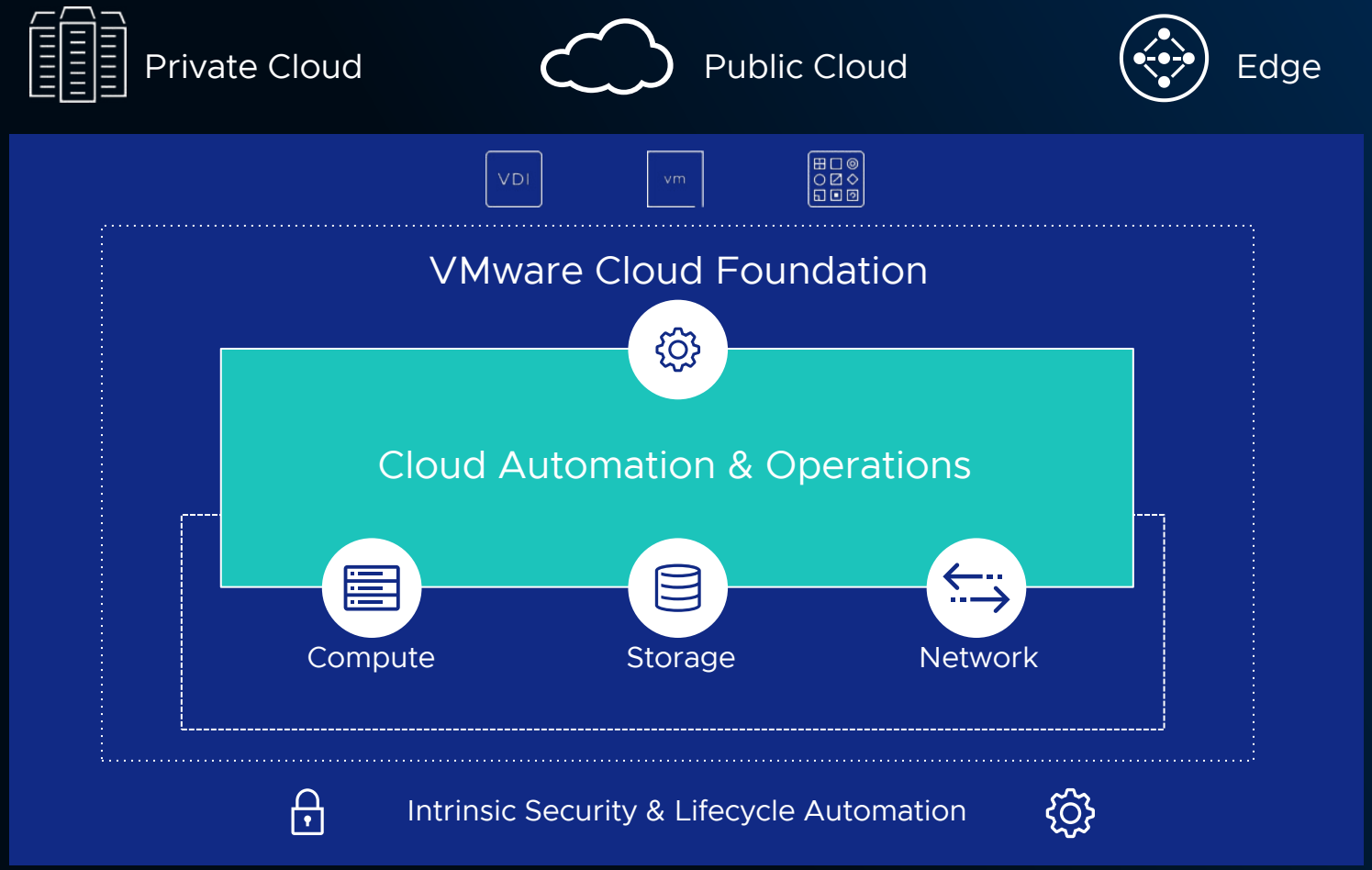
VMware Cloud Foundation is the Ideal Hybrid Cloud Platform



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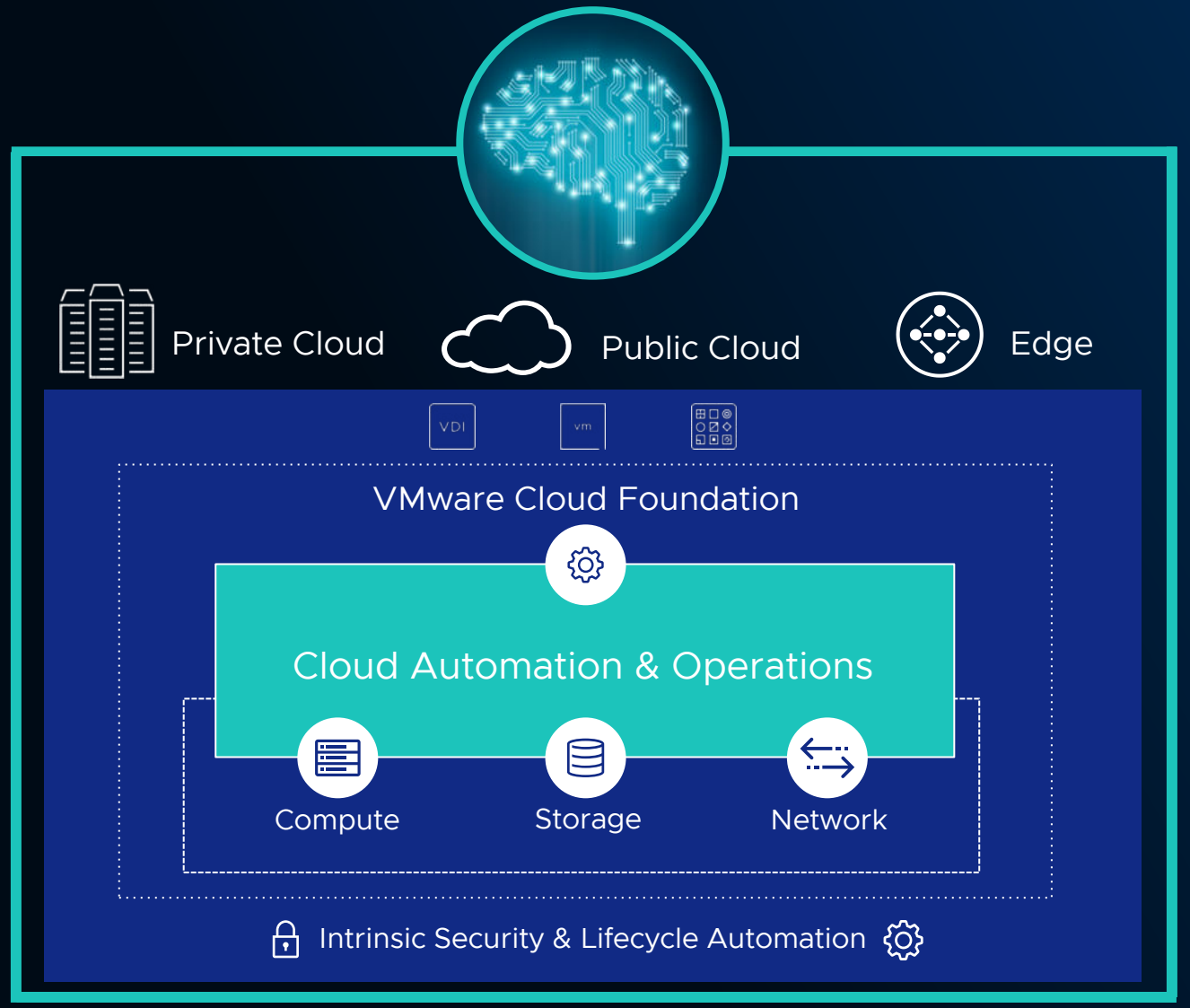

Future Proof Your Infrastructure with HCI

Unlock the Hybrid Cloud

Modernize at Your Pace

Deploy All Workloads

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Thank You!

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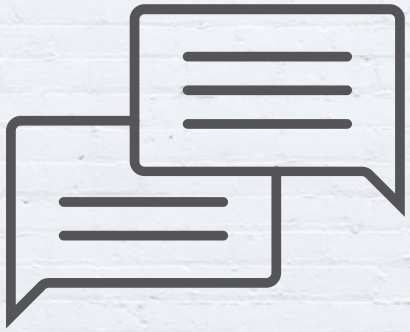
Thank You!



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