

TEIE ETTE ASTUB...



Darius (SPBM)

22
01
20

Back-up &
Storage

vmware®

Future Proof Your Infrastructure with HCI

ALSO[!]
Akadeemia



VMware Cloud Foundation

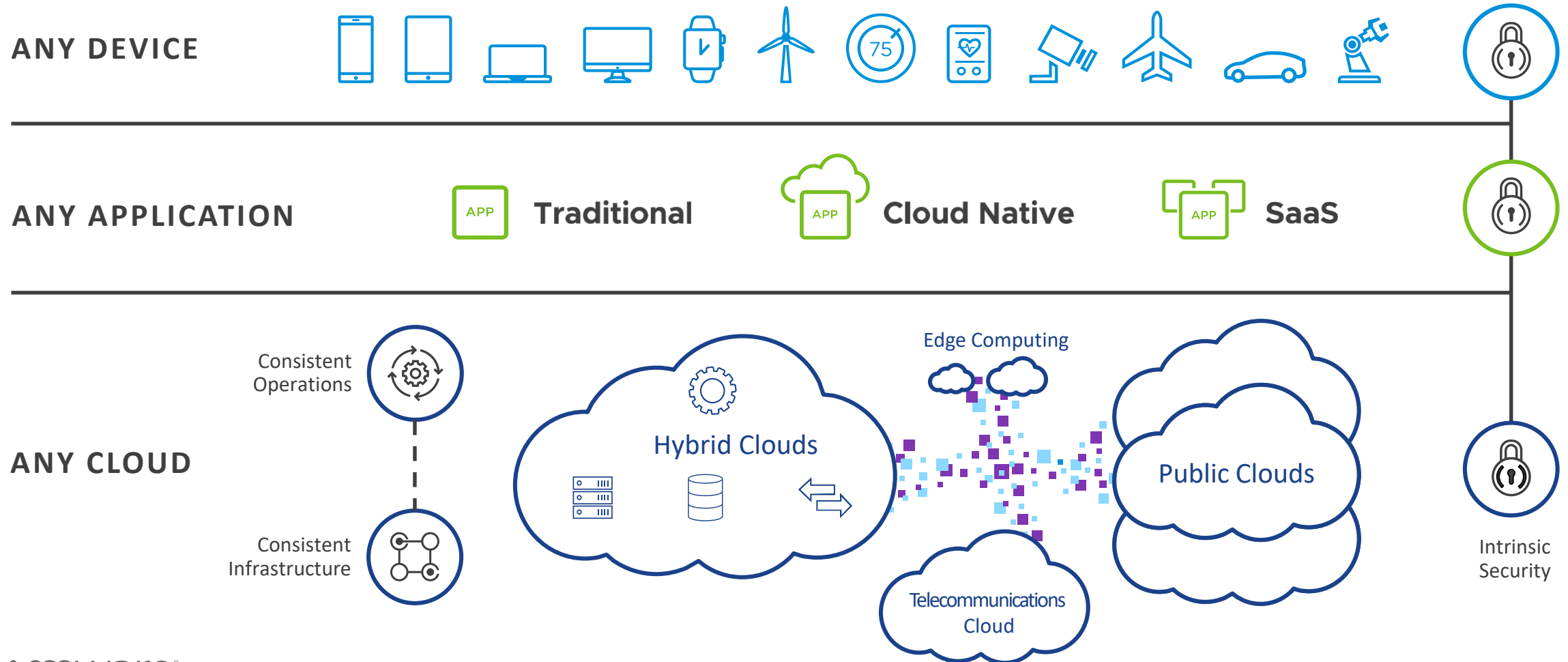
Full Stack HCI

Darius Spaičys
Maestro of Mayhem Baltic

2020.01 lovely Tallinn

VMware Vision

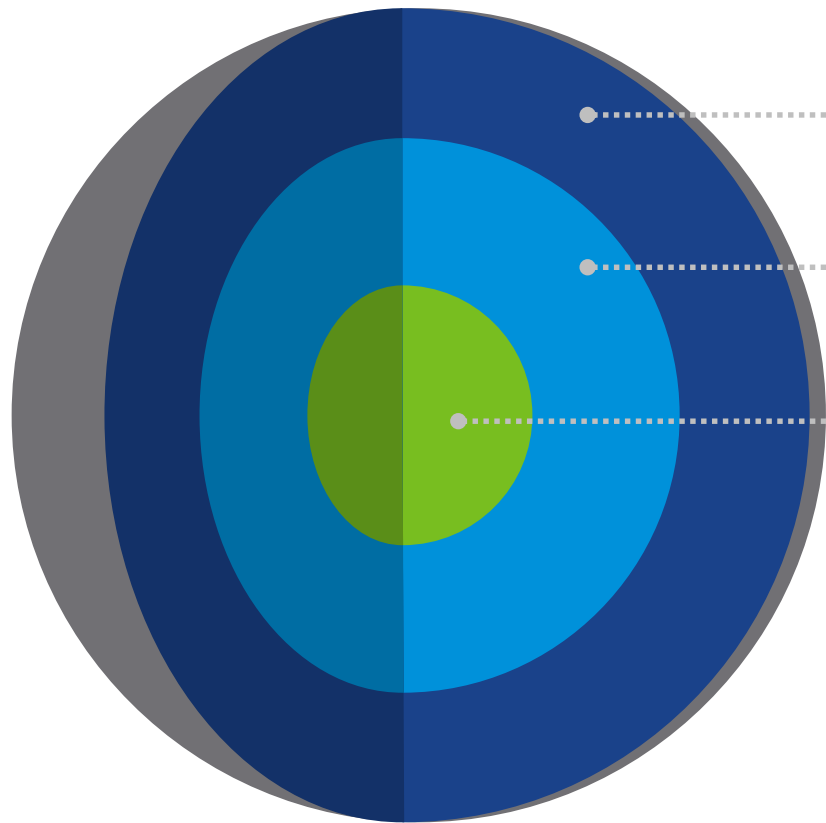
The Essential, Ubiquitous Digital Foundation



VMware Cloud Foundation.
The simplest path to the
hybrid cloud.



Infrastructure Modernization at Your Own Pace



Hybrid Cloud

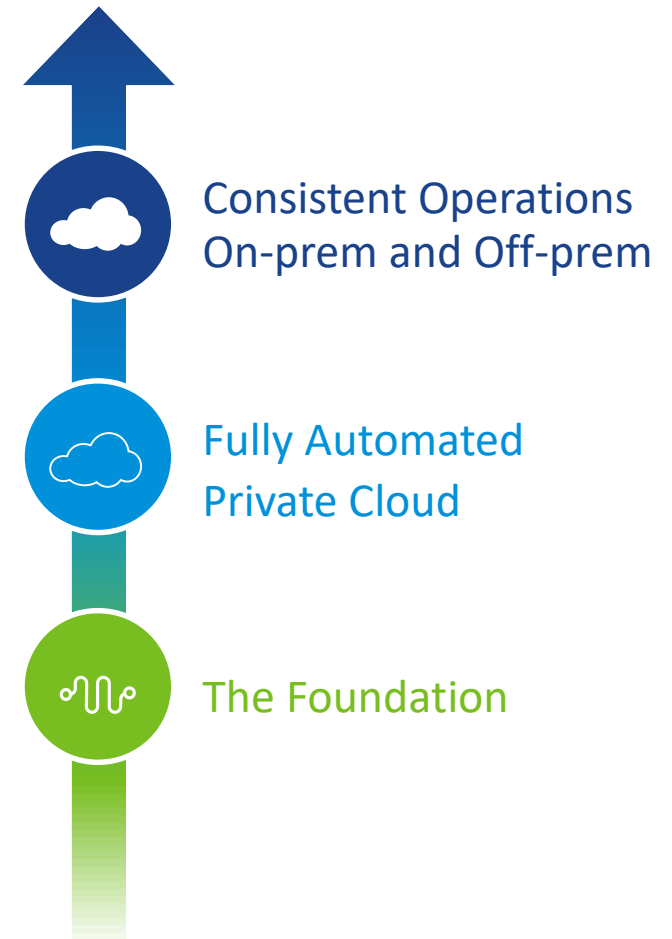
VMware Cloud on AWS

Full Stack HCI

Cloud Foundation

Core HCI

vSAN + vSphere



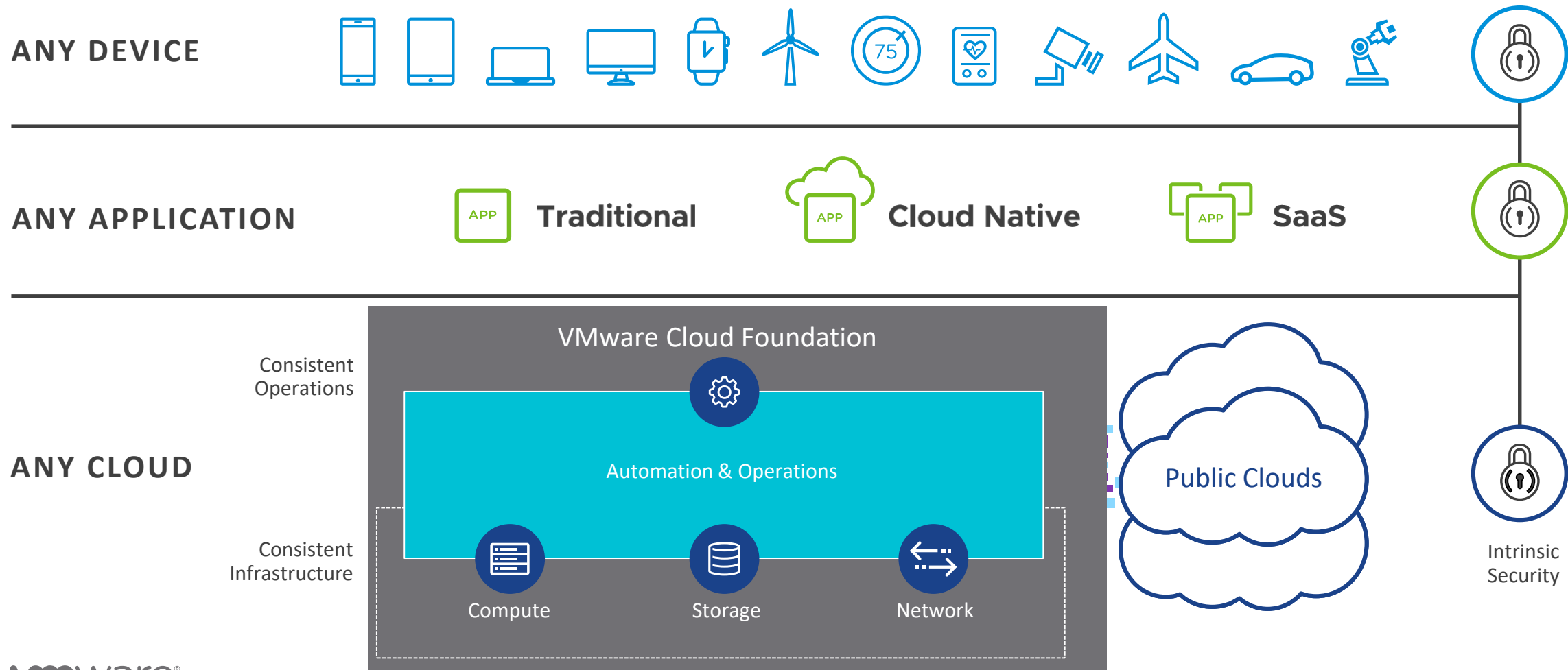
Consistent Operations
On-prem and Off-prem

Fully Automated
Private Cloud

The Foundation

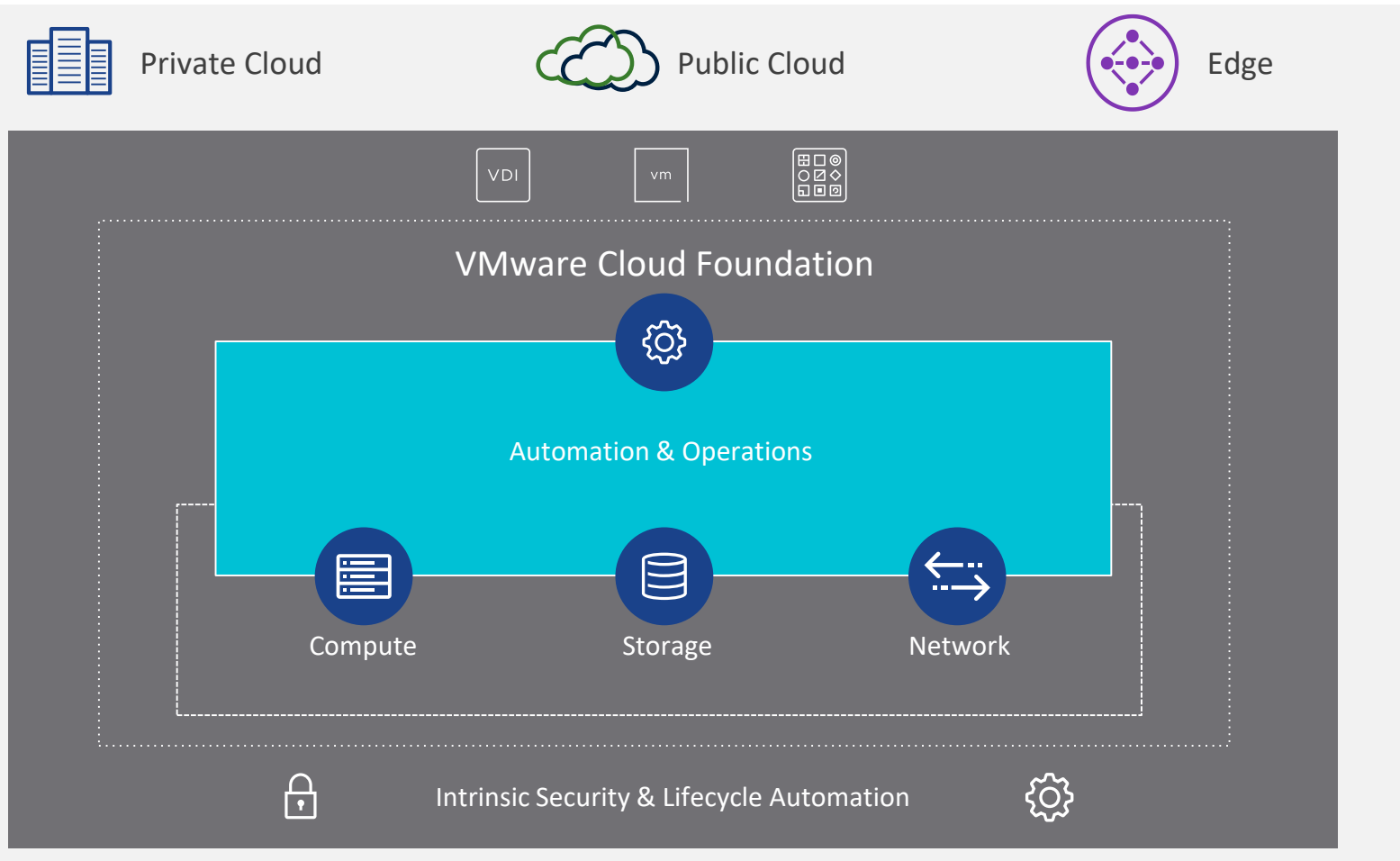
VMware Vision

The Essential, Ubiquitous Digital Foundation



Modernize Your Data Center With VMware Cloud Foundation

The full stack hyper-converged infrastructure for hybrid clouds is comprehensive

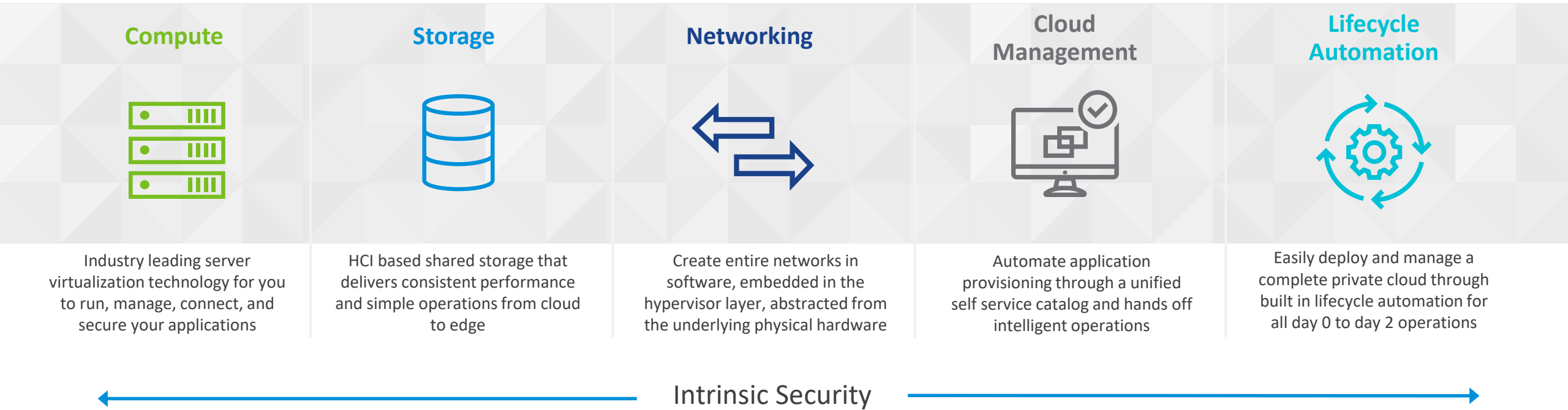


- Built on **standardized & validated** architectures
- Integrated software-defined cloud platform
- Simplest to deploy and operate
- Built-in intrinsic security
- Supports traditional and new workloads
- Simplest path to hybrid cloud

Delivering Best in Class Software Defined Technologies

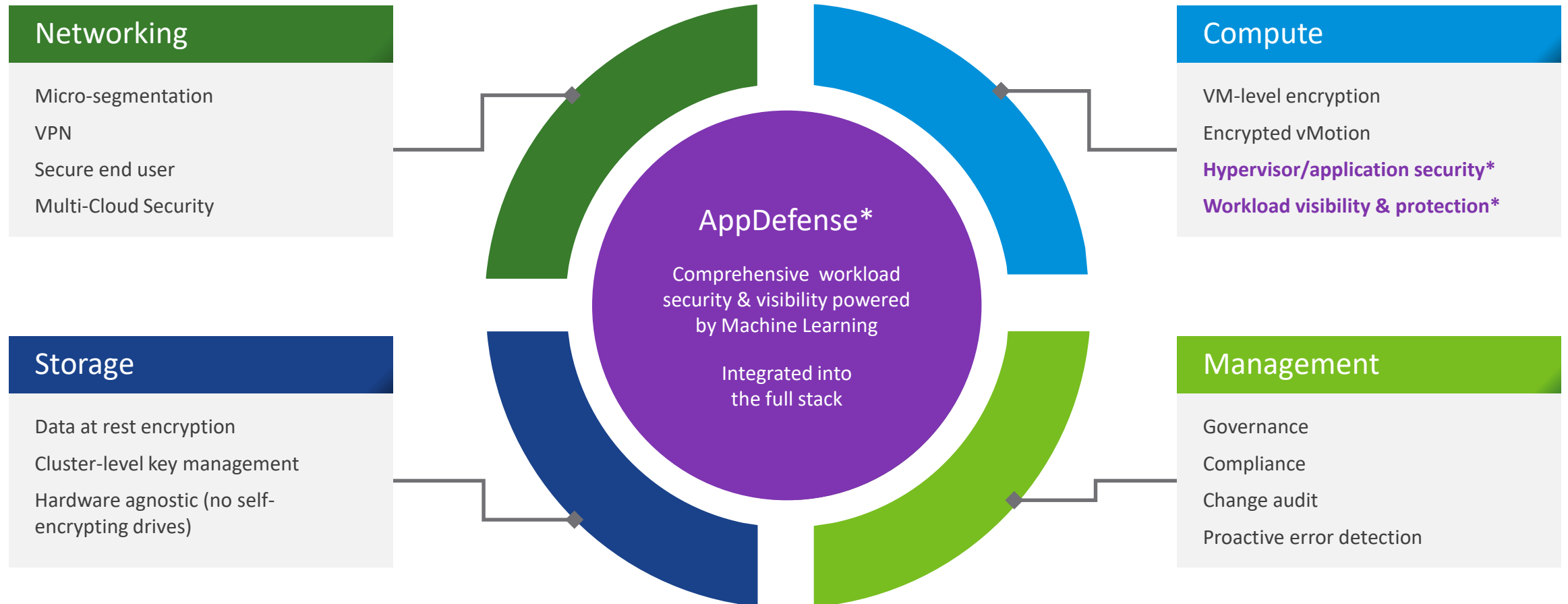
Based on enterprise-ready, market leading capabilities

VMware Cloud Foundation



Security Is More Than Just Firewalls

Intrinsic security built into every layer of the infrastructure



* included in the VMware Cloud Foundation Platinum edition

Cloud Foundation Software Building Blocks...



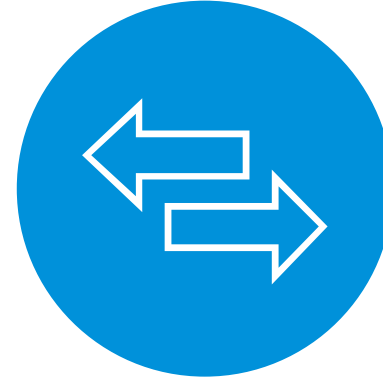
Compute

vSphere



Storage

vSAN



Network

NSX



Management

vRealize Suite

Brought Together by the SDDC Manager Control Plane

Automated day 0 to day 2 operations of the entire cloud infrastructure



VMware Cloud Foundation: Workload Domains

On-demand, policy managed infrastructure for workloads

External Interfaces

Can be specific to certain Workload Domains (WLD)

Software Flexibility

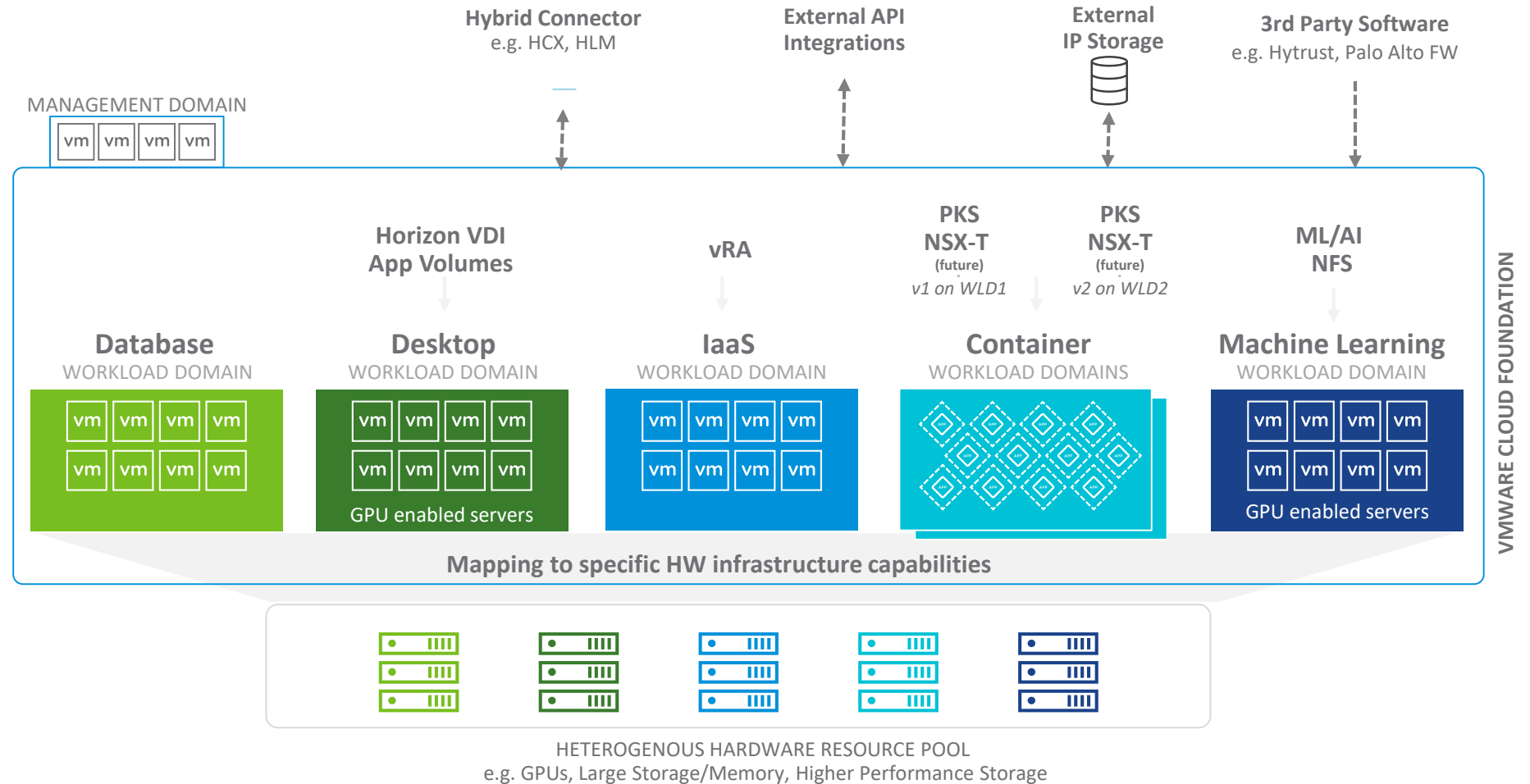
Products, Versions, 3rd party software

Application Mapped Infrastructure

Capacity, Performance, Security/Compliance, HW requirements

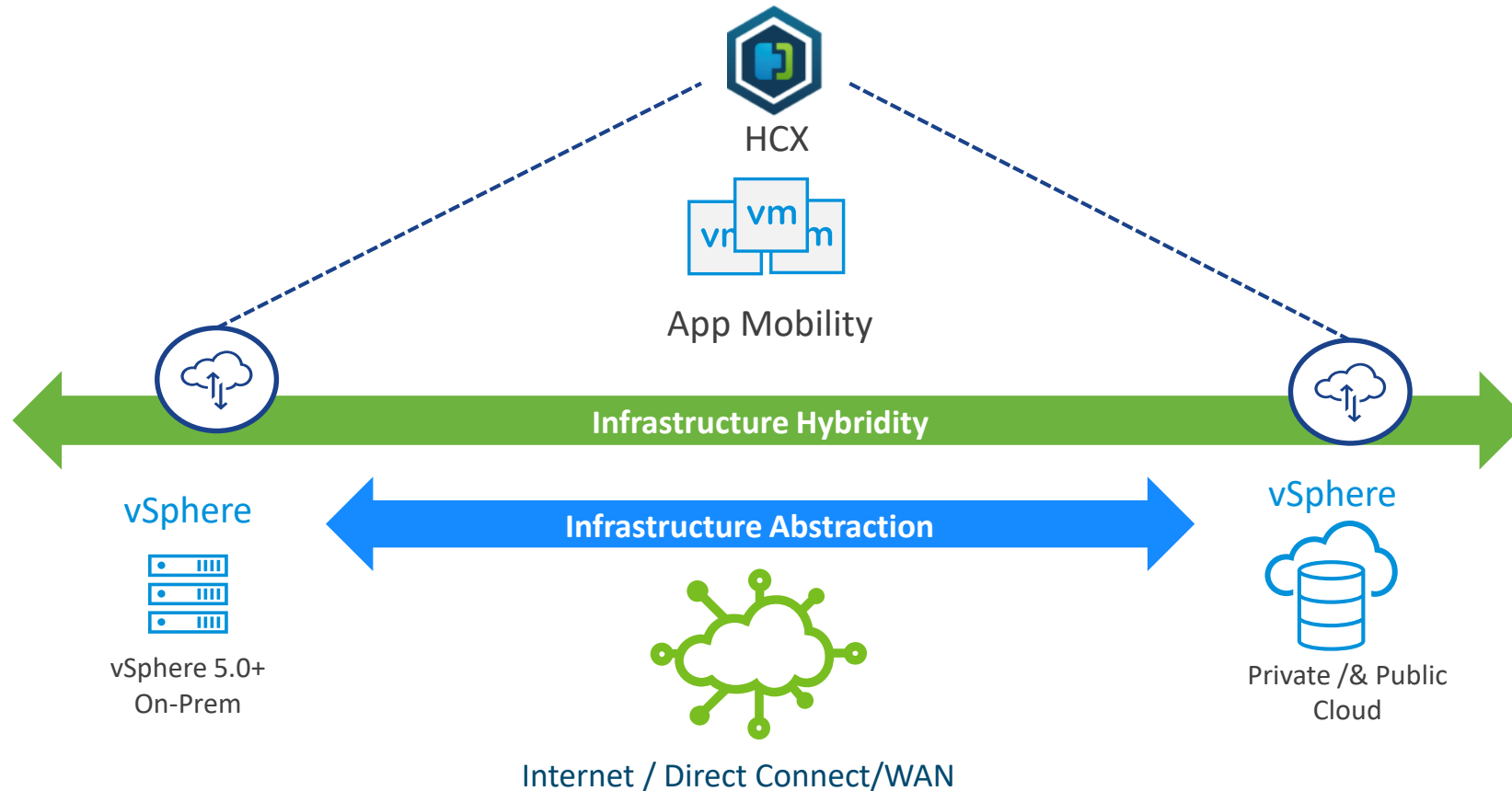
Hardware Choice

Vendors, Configuration Composability



Future-Proof Through Hybrid Cloud Extension*

For DC Evacuation, Hardware Refresh, DC Extension, and BC/DR



* included in the VMware Cloud Foundation Enterprise edition

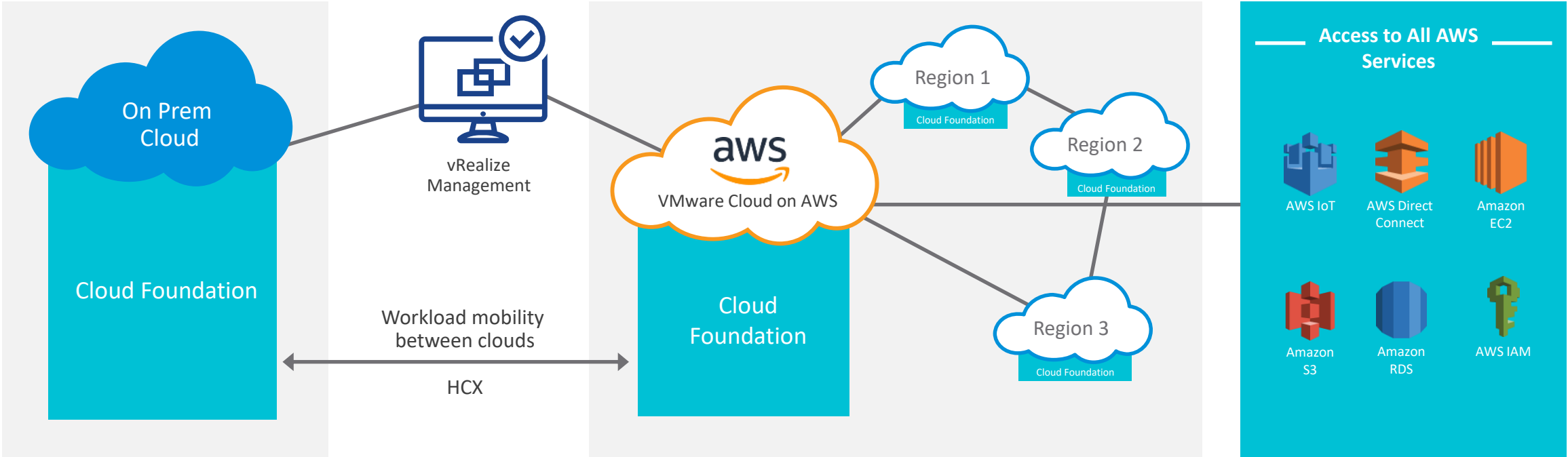
App Mobility between vSphere versions across on-premises and cloud

Best-In-Class migration, **VMware Cloud Motion** with vSphere Replication, with zero downtime for large scale migration

Multisite, Bi-Directional, SD-WAN optimized, Secure, Traffic Engineered, **Network Extension** with Auto VPN set up

Building a Hybrid Cloud with VMware Cloud on AWS

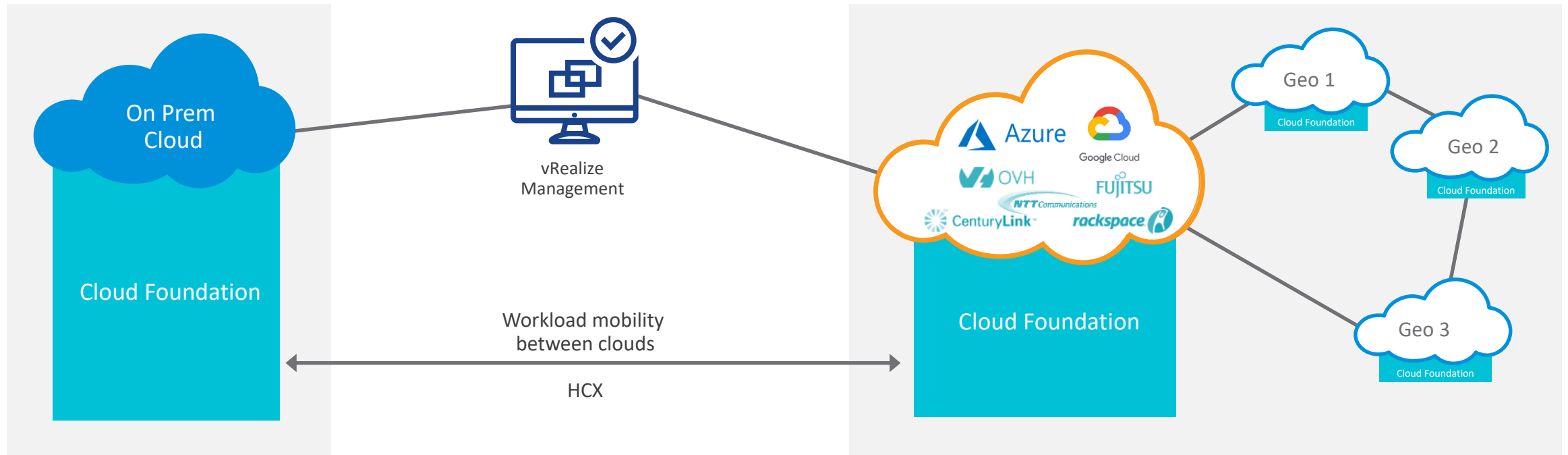
Public cloud service sold, delivered and supported by VMware



Operational Consistency Across the Hybrid Cloud

Building a Hybrid Cloud with VMware Cloud Partners

Public cloud services offered by our strategic partners



Operational Consistency Across the Hybrid Cloud

VMware Cloud Foundation Deployment Types

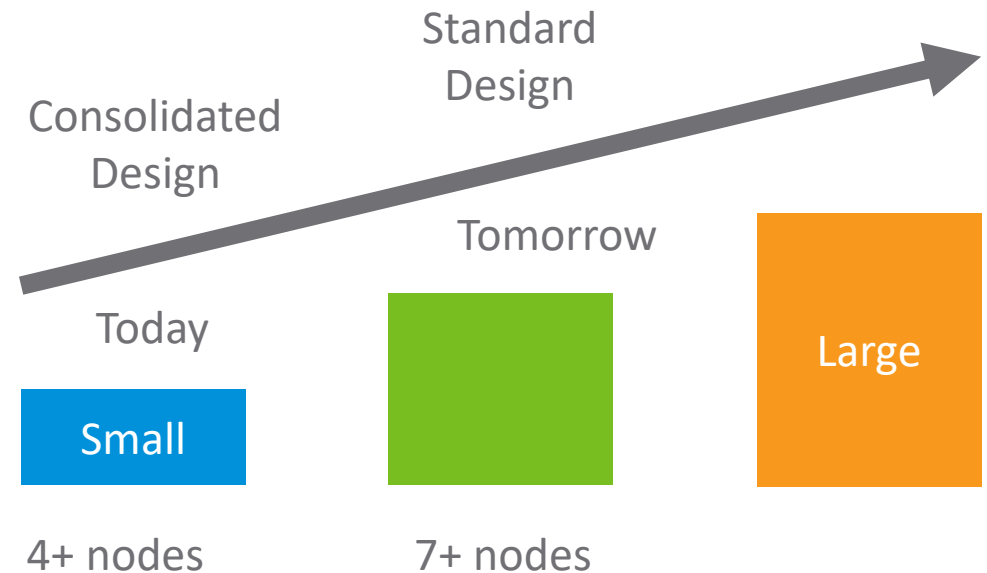
Start small and Grow

VCF Consolidated Architecture

- Compute workloads co-reside in management workload domain
- Shared vSphere cluster with resource pools

VCF Standard Architecture

- Management workload domain dedicated to infrastructure
- Compute workloads run on separate vSphere clusters



Start with what you need, easily scale non disruptively



Thank You