

Consistent Networking for Cloud, Data Center, Edge

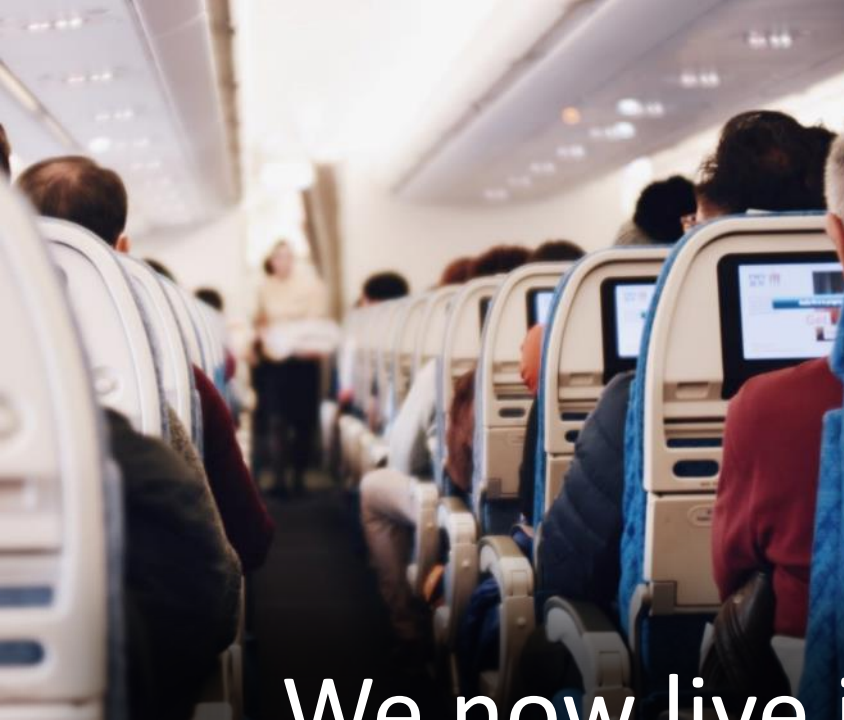
Building the Business Fabric of the
Digital Enterprise

Cuong Le Sy

CIO – USDC Technology

vmware®





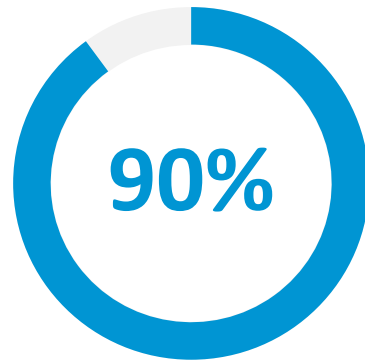
We now live in a hyper-connected world



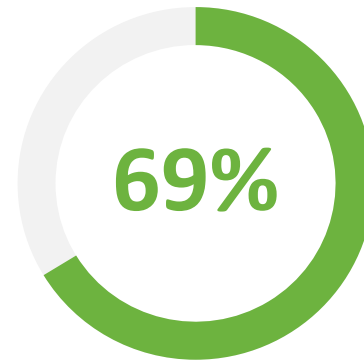
Digital Transformation is Changing the Requirements of Enterprise IT



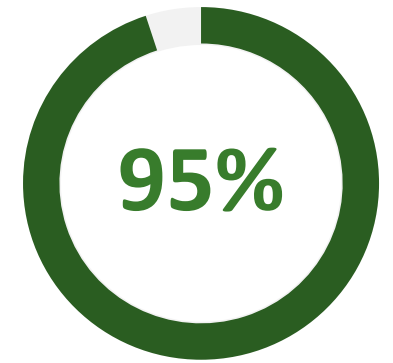
Of enterprise applications are moving outside the datacenter



Of data and its processing is happening at the edge



Of enterprises are challenged with multi-cloud complexity



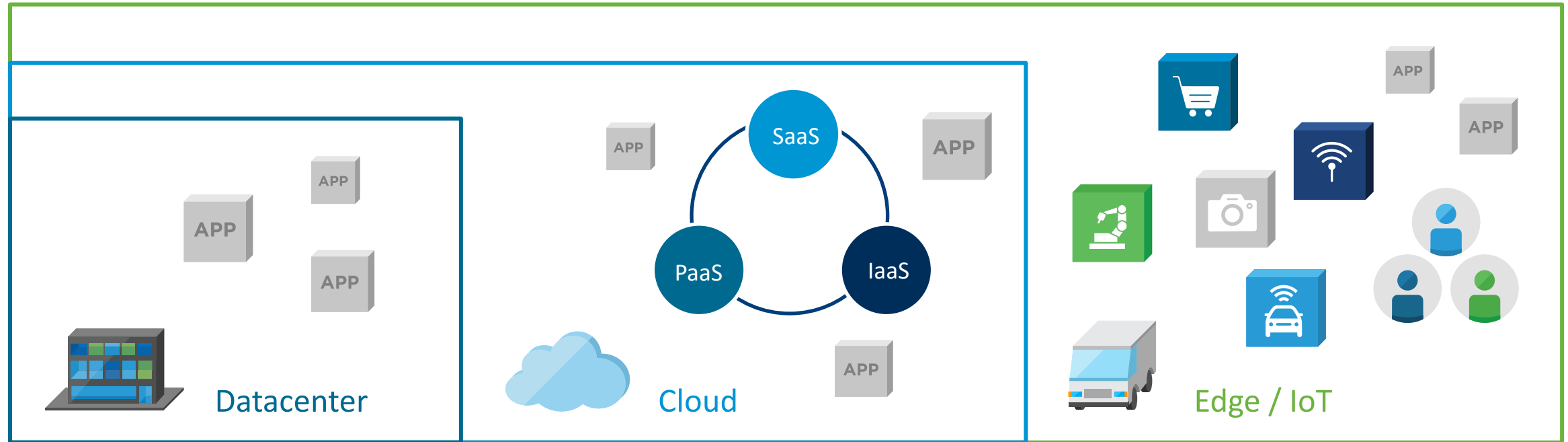
Of enterprises believe that their network services must be virtualized

\$83B

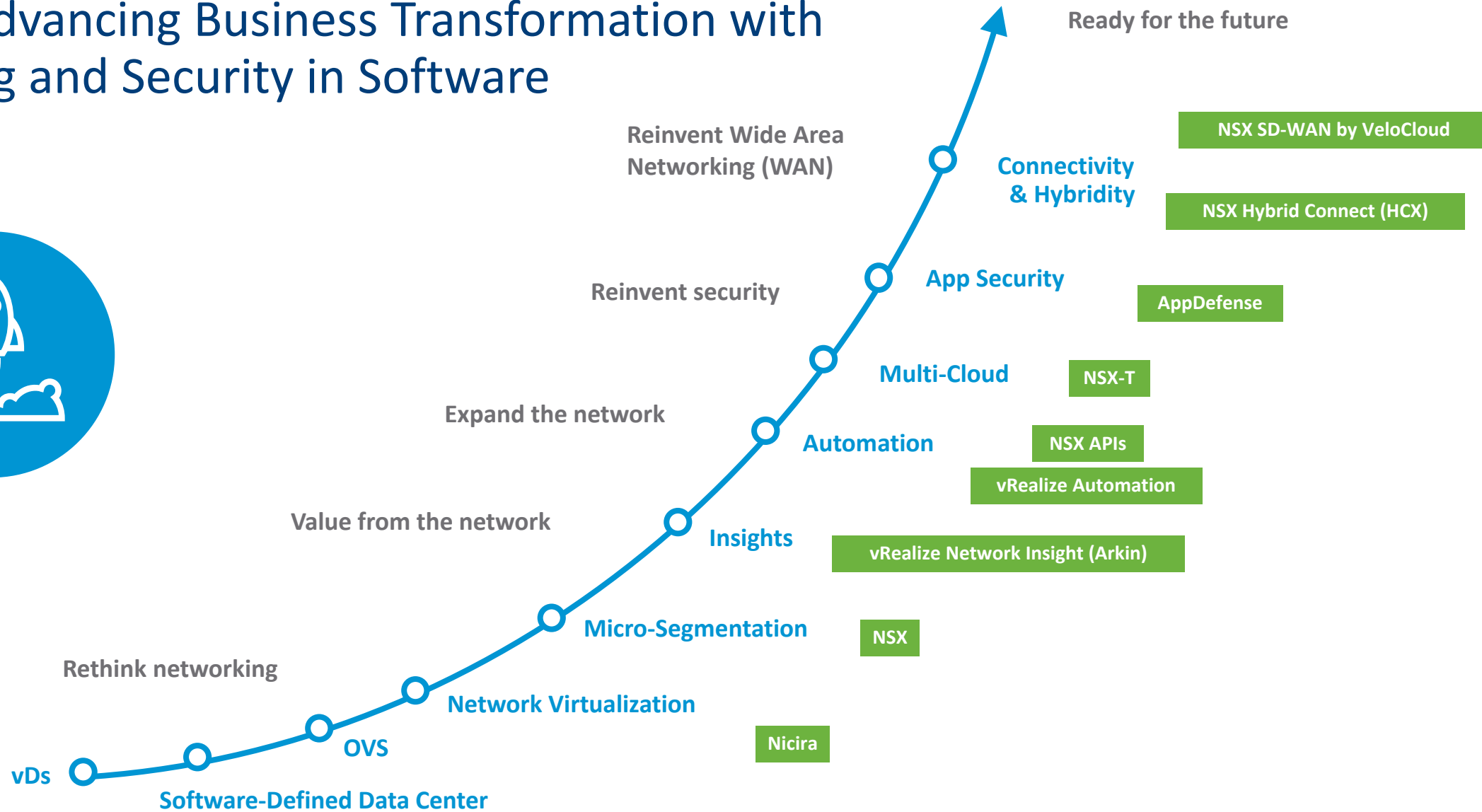
Will be spent on digital infrastructure by 2021

Software + (Hyper)Connectivity are Fueling a Shift from Data Centers to Centers of Data

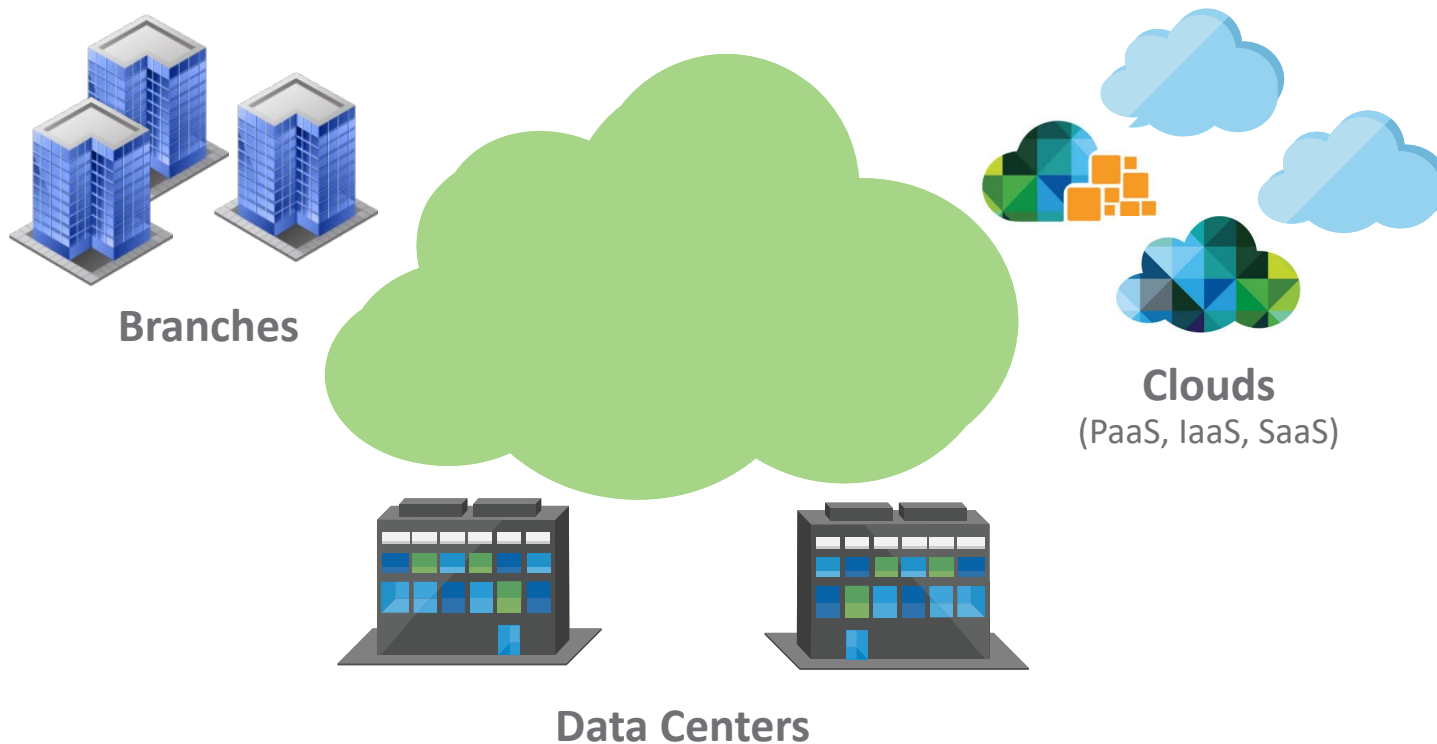
A new approach is needed to support the hyper-distribution of apps and data



VMware Advancing Business Transformation with Networking and Security in Software



Consistent Networking



IT Priorities (Qualify)

- Streamline network and security operations across sites, apps, clouds
- Improve time to market - enable ops teams to support dev teams
- Excellent app experience while reducing costs

VMware Value (Differentiation)

- Enterprise-wide visibility, connectivity, security, and tooling for all apps
- Consistent tooling and security policies across VMs and containers, across sites, across clouds
- 100% software-driven solution

Gaining Consistent Networking and Policy

Initiative: streamline ops, achieve micro-seg, & upgrade WAN, across sites, clouds, apps



Use Cases

Data Center Networking	Cloud Networking	Branch Networking
Virtual networking across the data center, and across data center sites, for automated and consistent networking topologies and security policies	Cloud Environments - Manage security policies and enable mobility across on premise workloads, AWS workloads, Azure workloads Cloud Native - Support dev teams and new app frameworks by providing ops teams the visibility and tooling into containers	Optimize the WAN – Improve app quality and performance while reducing WAN costs Cloud delivered – Ensure reliability and connectivity regardless of where the users are and where the apps are

Product

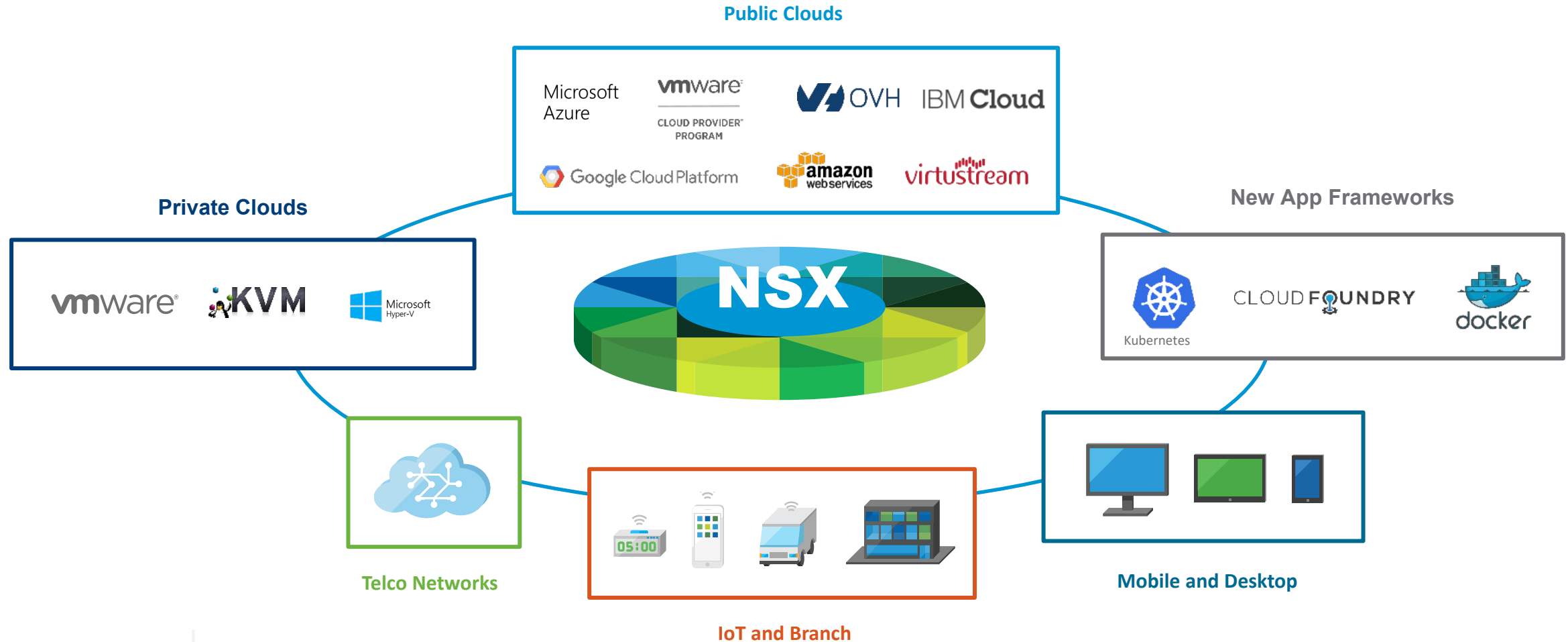
NSX Data Center

NSX Cloud
NSX Data Center
NSX Hybrid Connect

NSX SD-WAN by VeloCloud

VMware Networking and Security Vision

The business fabric of the connected enterprise



VMware Networking and Security Vision

NSX Product Family

Networking and Security Control Center

Cloud-Based Management

Workflow Automation

Blueprints/Templates

Insights/Discovery

Visibility

AppDefense

Modern Application Security

Network Virtualization Platform

Security

Integration

Extensibility

Automation

Elasticity

NSX SD-WAN by VeloCloud

Secure Connectivity Services

NSX Data Center

Virtual Network Functions

NSX Cloud

Cloud-Native Network Services

NSX Hybrid Connect

Data Center and Cloud
Workload Migration

Any Infrastructure



Any Cloud



Any Application

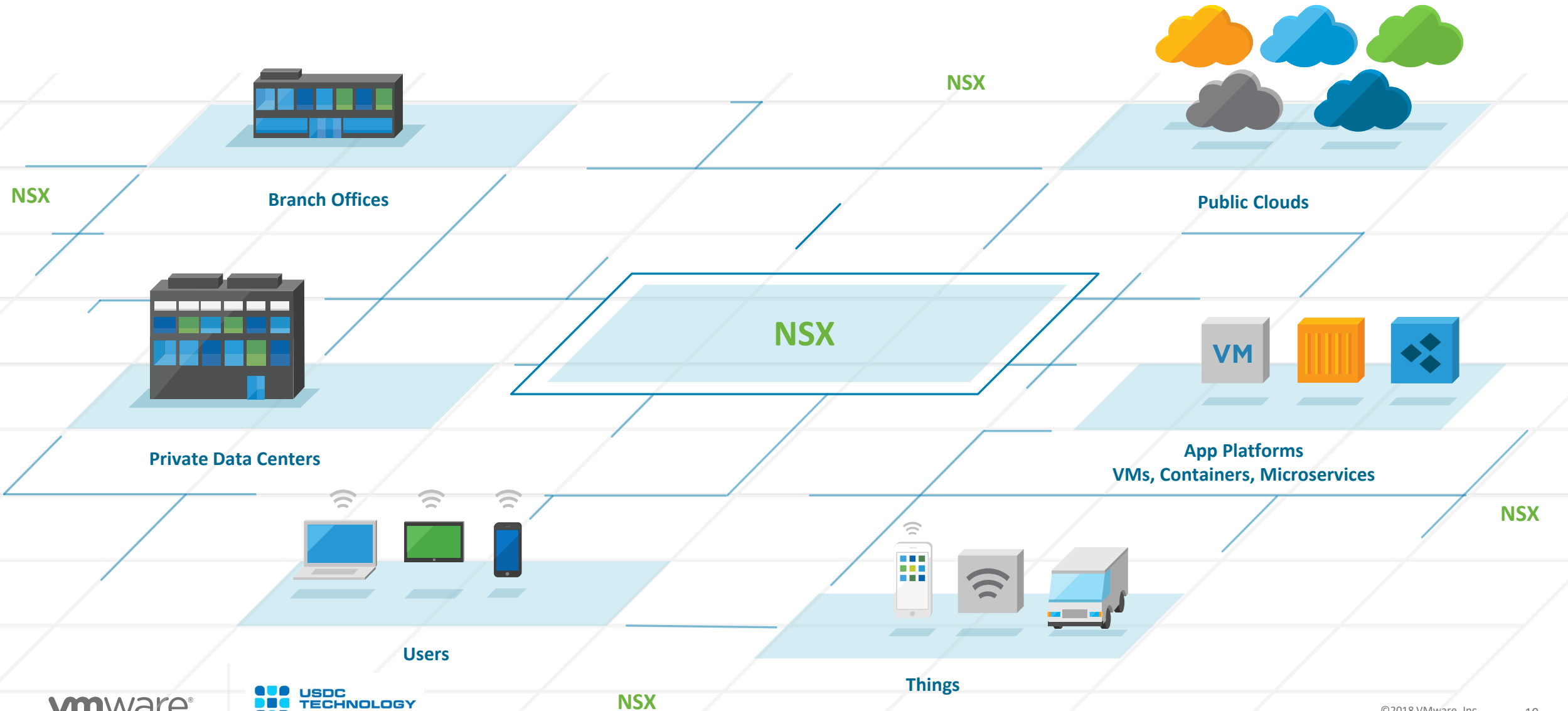


Any Platform



VMware Networking and Security Vision

Consistent networking and security across the business fabric





**NSX SD-WAN
by VeloCloud**
WAN Connectivity Services



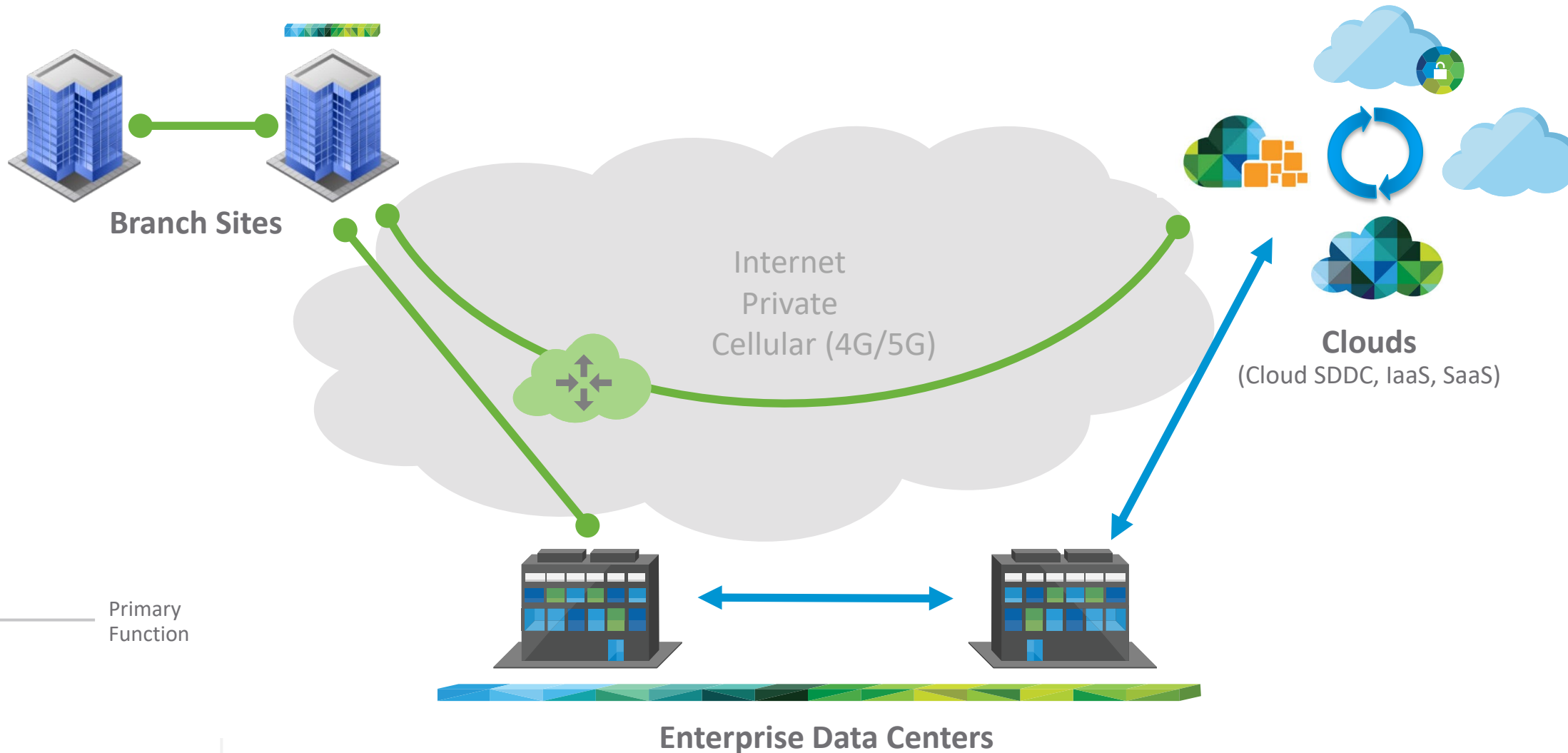
NSX Data Center
*Networking & Security
for all workloads*



NSX Cloud
*Cloud Native
Network Services*



NSX Hybrid Connect
*Data Center and Cloud
Workload Migration (Hybridity)*



Branch Sites

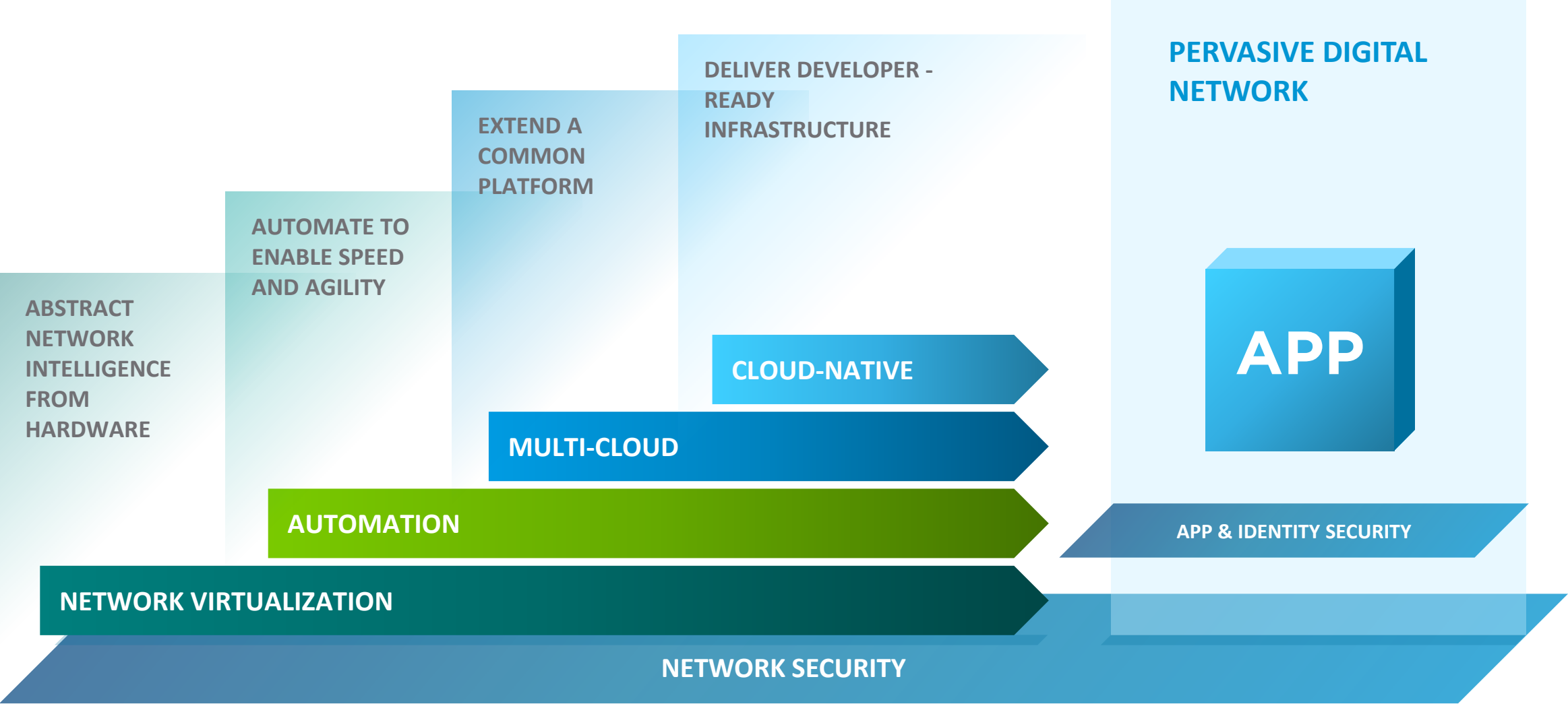
Internet
Private
Cellular (4G/5G)

Clouds
(Cloud SDDC, IaaS, SaaS)

Primary
Function

Enterprise Data Centers

Multiple Paths for Networking and Security



Ready to Take the Next Step?

Contact us today to learn more.

USDC TECHNOLOGY JSC

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Our Values

"USDC Technology is a leading IT Integration and Consulting company. Our mission is to provide our clients with the right combination of information technology and people to deliver innovative solutions that create a competitive advantage for their organization."



“ Thank You”