



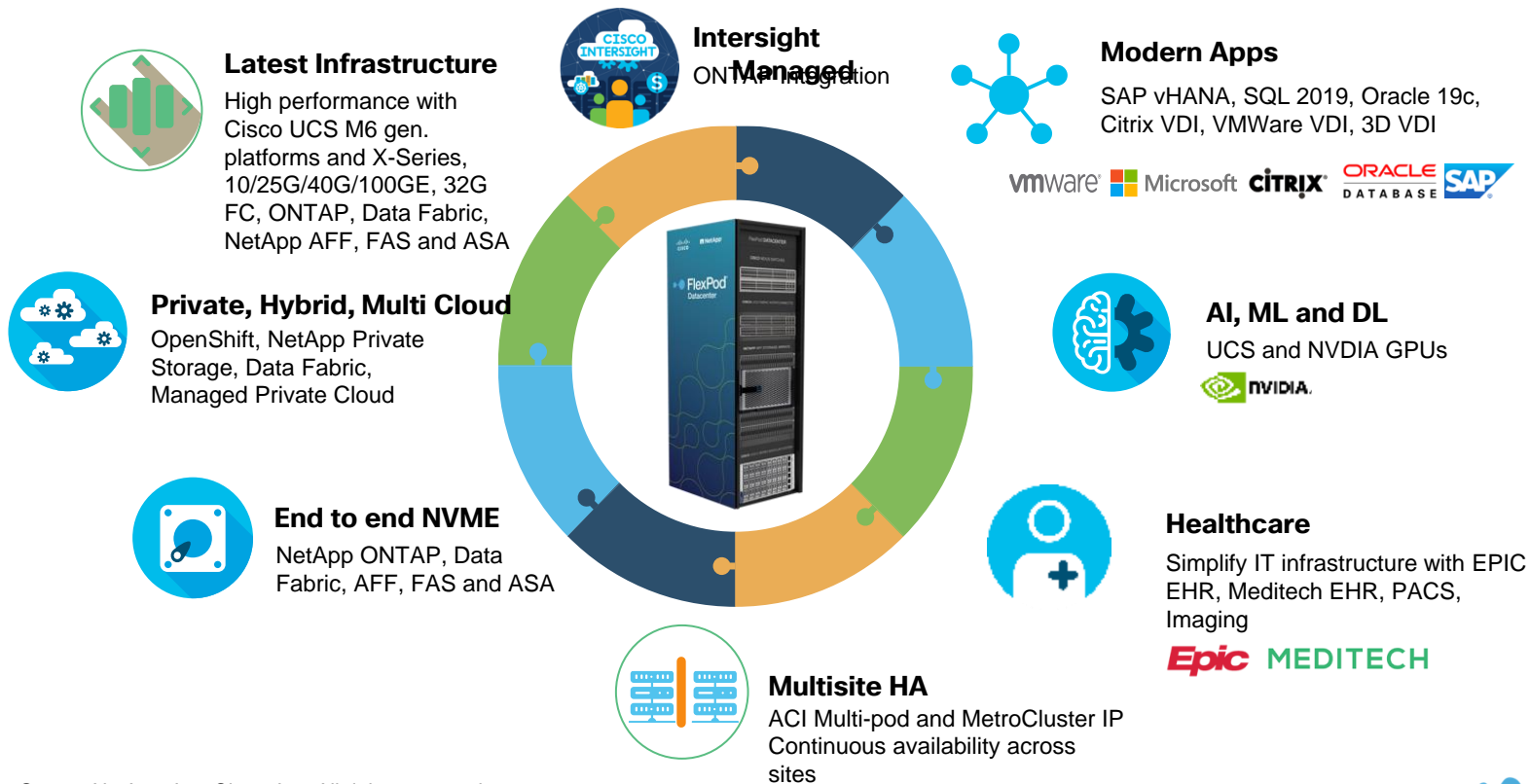
The bridge to possible

Aston Martin with FlexPod

A winning team

Mike Hommer, Partner Field CTO, NetApp
@HommerMike

FlexPod – Continued Innovation



FlexPod XCS and FlexPod Solutions



=



for

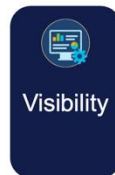


**Cisco Insight for
FlexPod Infrastructure**



**Regularly Updated Features in Cisco
Insight (CI/CD)**

- SaaS based Infrastructure Management
- Automation Capabilities with Cisco Insight



**FlexPod
Datacenter**



**FlexPod
Express**

Regularly Updated Designs

- Infrastructure and Application Best Practices Solution and deployment Guides
- Cisco Validated Designs (CVDs)
- NetApp Technical Specifications (TRs)

FlexPod Trackside and Aston Martin

- One, trackside FlexPod Express in the garage
- Built, run in the garage in Belgium at the F1
- “Ran beautifully”
- Second will be added
- Decommissioning bare metal servers over time and migrating to FlexPod
- Ran for AMG High-Performance Powertrends, migrated 20 VMs





FlexPod and VMware are Critical Partners for Aston Martin's F1 Success

"Without data, we can't even get the car to move, let alone race," says Brian Johnston, Head of IT Trackside at Aston Martin F1. "The combination of NetApp, VMware, and FlexPod are giving us the reliability, scalability, and availability to access our data from the trackside to the factory, helping us stay at the top of our game."



Aston Martin VMware FlexPod Value



Reduced Complexity

- AMF1 standardized on a NetApp control plane across all their workloads from factory to trackside to cloud
- Simplifies management
- Increases availability



Improved Time to Service and Race Readiness

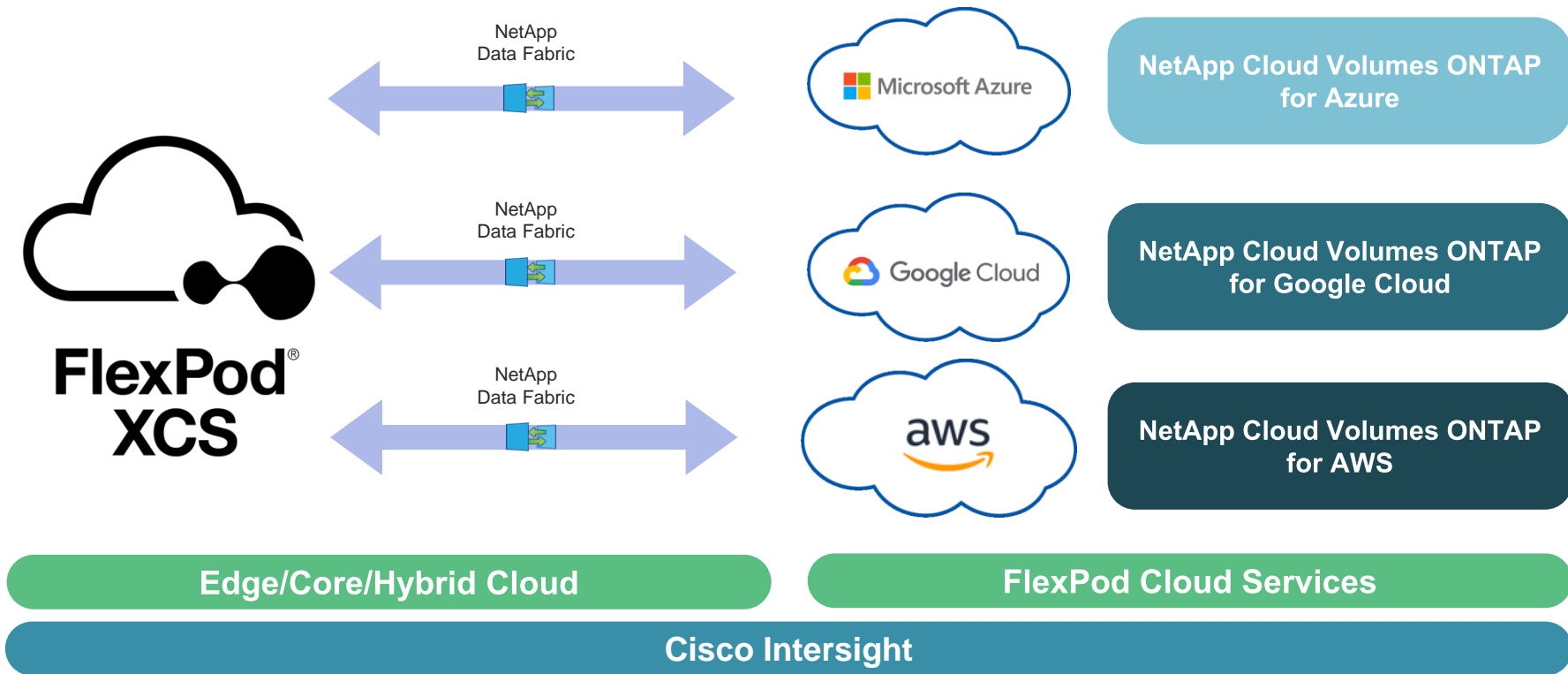
- AMF1 is increasing speed
- Enabling ease of data mobility between global platforms
- Analyze and refine the car in real time before, during, and after the race



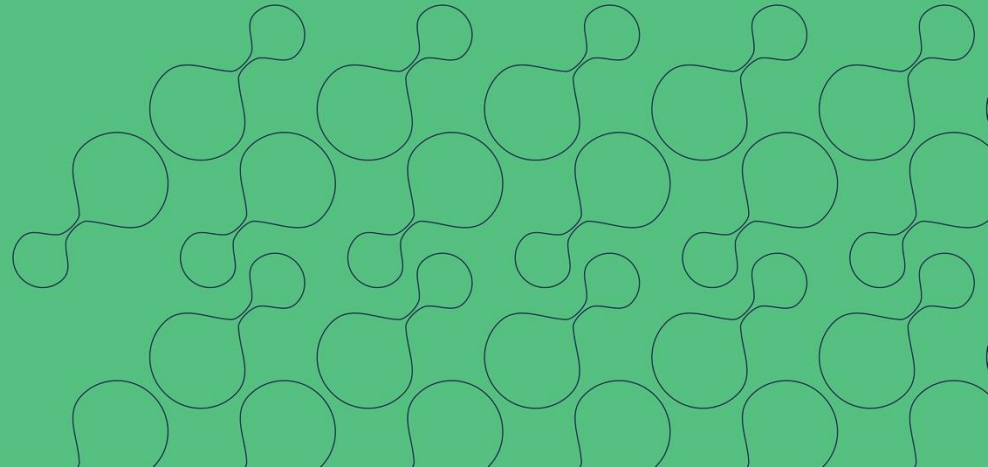
Investment in Innovation

- Maximize budget
- Fuel investment into car and team
- Optimizing IT spend across their entire environment

Hybrid Cloud Future-proofing with FlexPod XCS



FlexPod and the Hybrid Cloud



How Do Enterprises Use Hybrid Cloud?

Hybrid Cloud Use Cases



Disaster
Recovery



Burst for
Processing



Data
Orchestration



Burst for
Capacity



Data
Standardization



aws

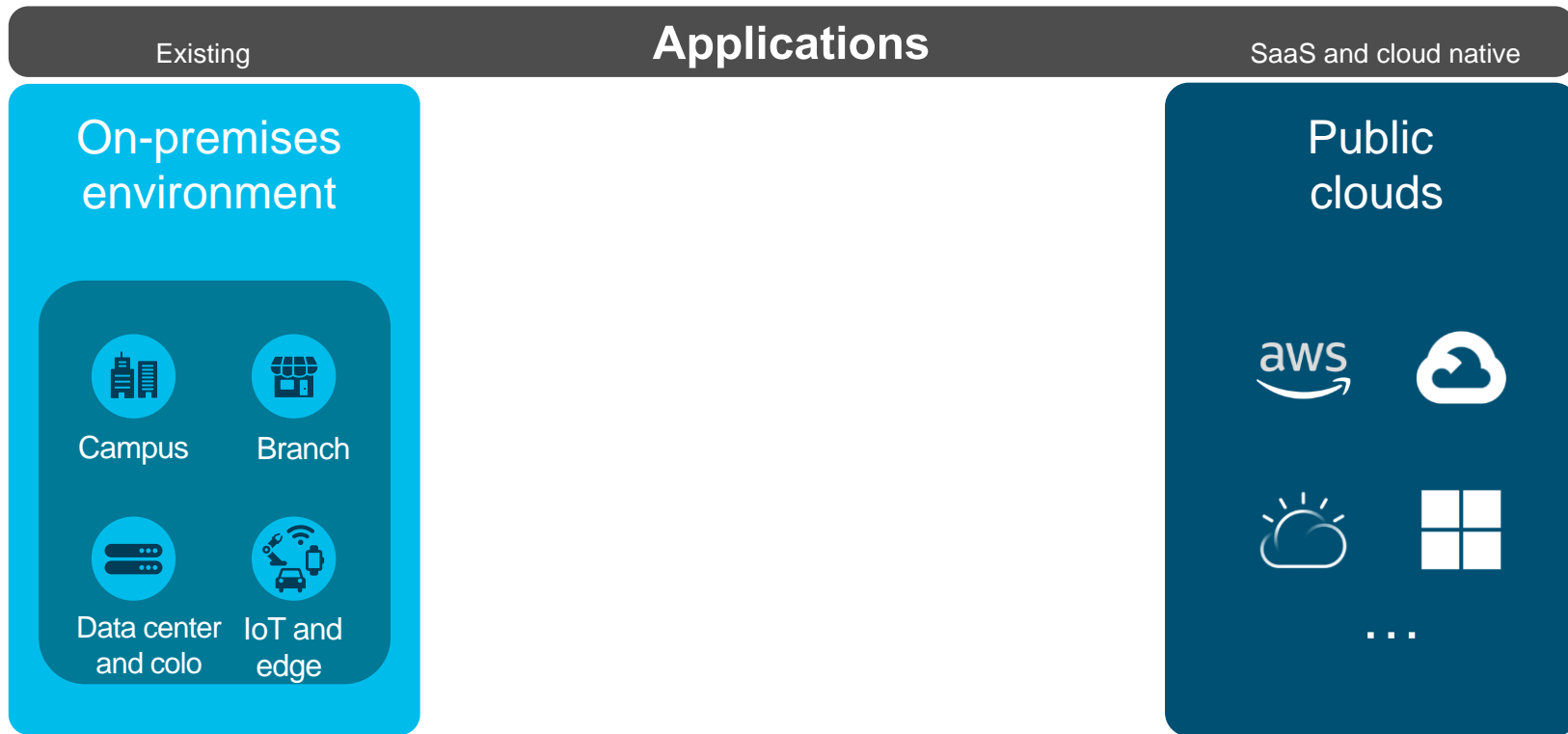
Microsoft Azure

Google Cloud

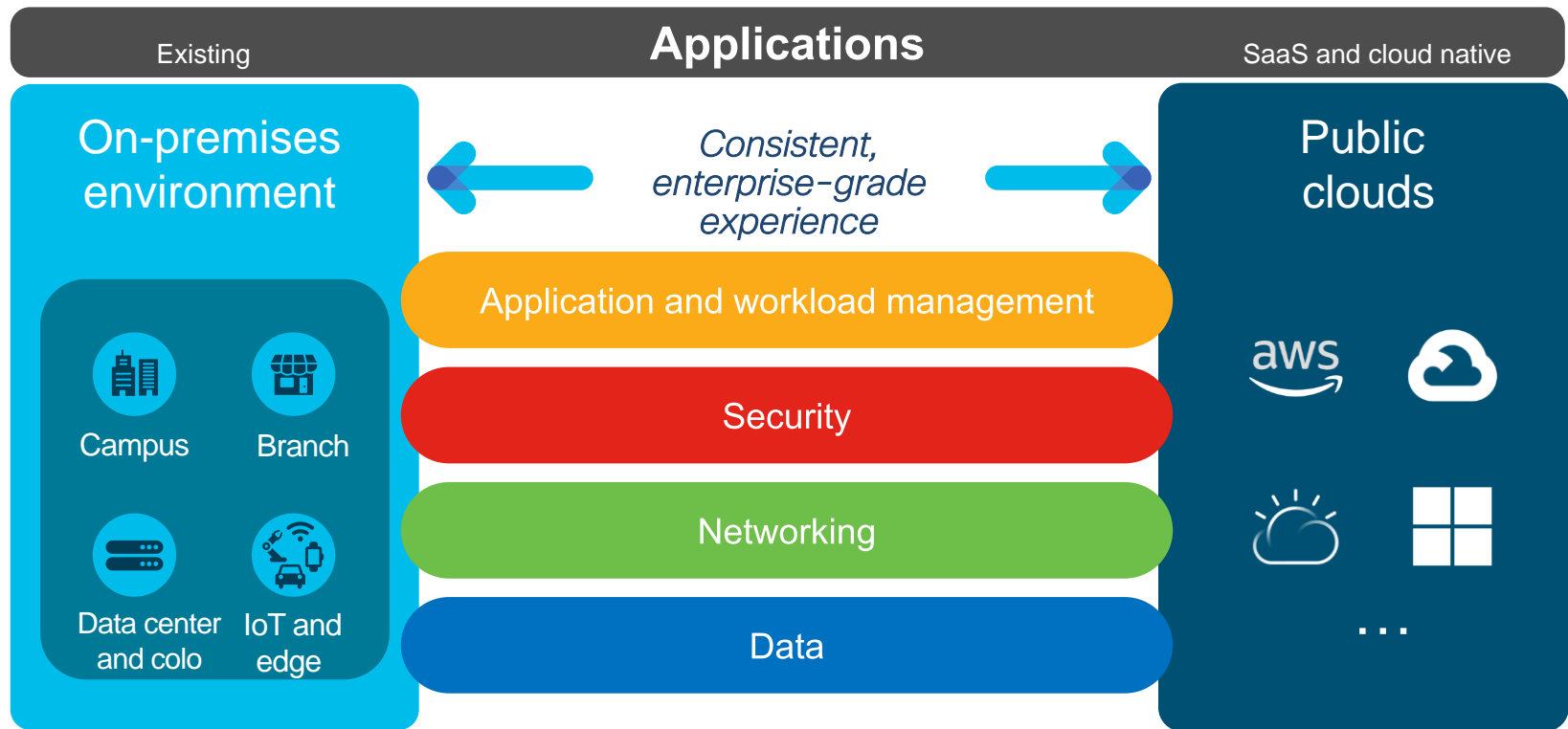
IBM Cloud

* Source: Gartner, Mar 2022, Market Guide for Hybrid Cloud Storage Published: 17 March 2022

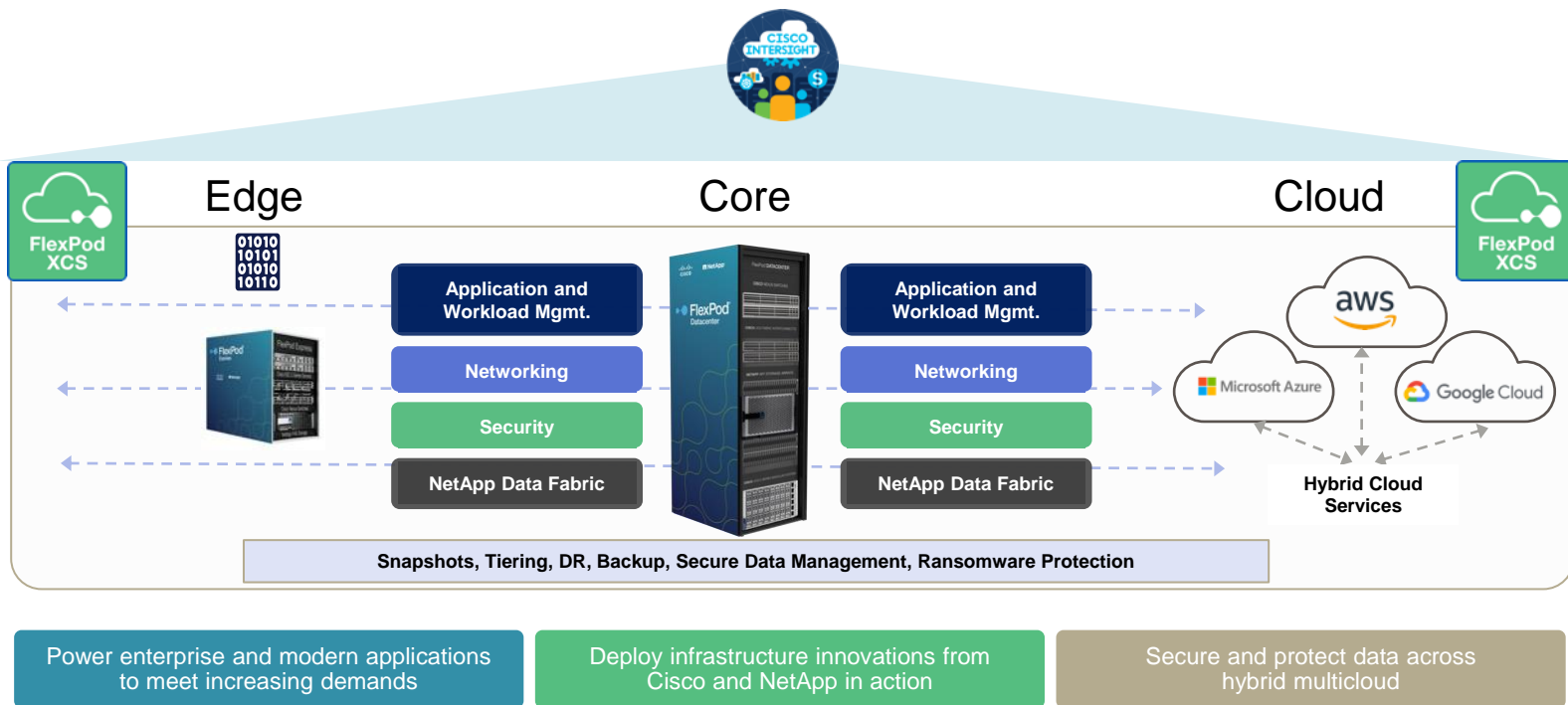
Let's simplify this picture



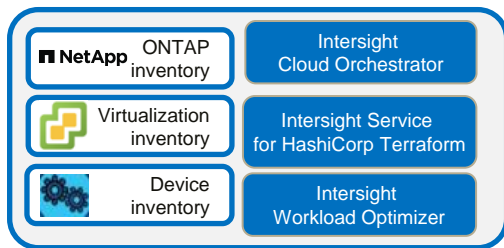
How to make Multicloud work as one



Harness the Hybrid Cloud



ONTAP and Intersight Integration

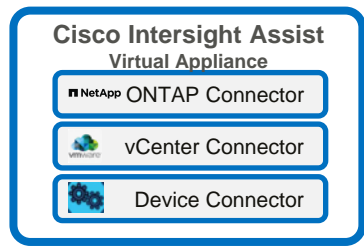


NetApp Storage Management

- **Visibility** from NetApp Clusters – alarms, faults, performance, capacity usage
- **Automation and Orchestration** on Clusters via Intersight Orchestrator
- **NetApp Active IQ Unified Manager** delivers deep analytics and insights for ONTAP AFF and FAS data storage

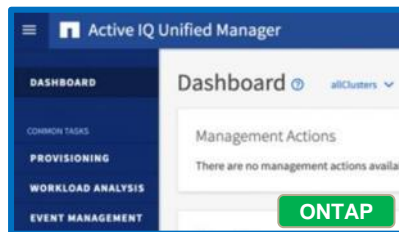
On-Premises

- Automation & Orchestration Operations
- Alarms & notifications



AIQUM integration

NetApp Active IQ® Unified Manager



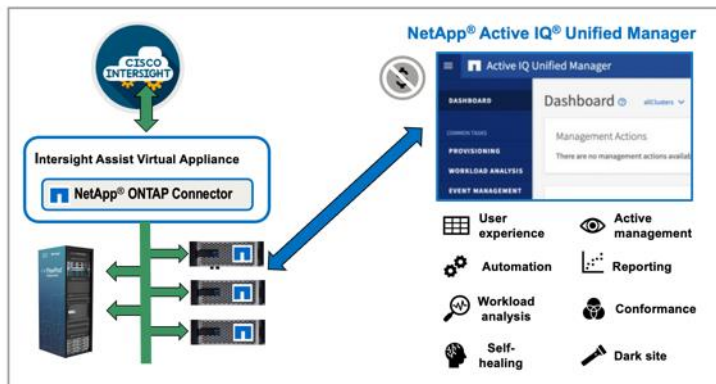
Managing all NetApp Storage via AIQUM



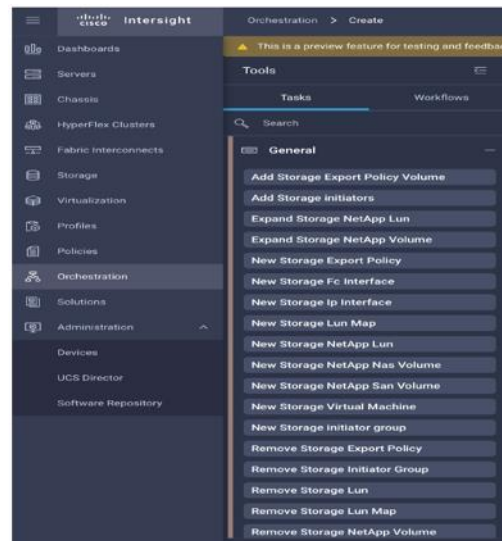
FlexPod
AFF and FAS
SAN and NAS



Automation Tasks for NetApp Storage



Out-of-the-box NetApp Operations tasks in Intersight Orchestrator



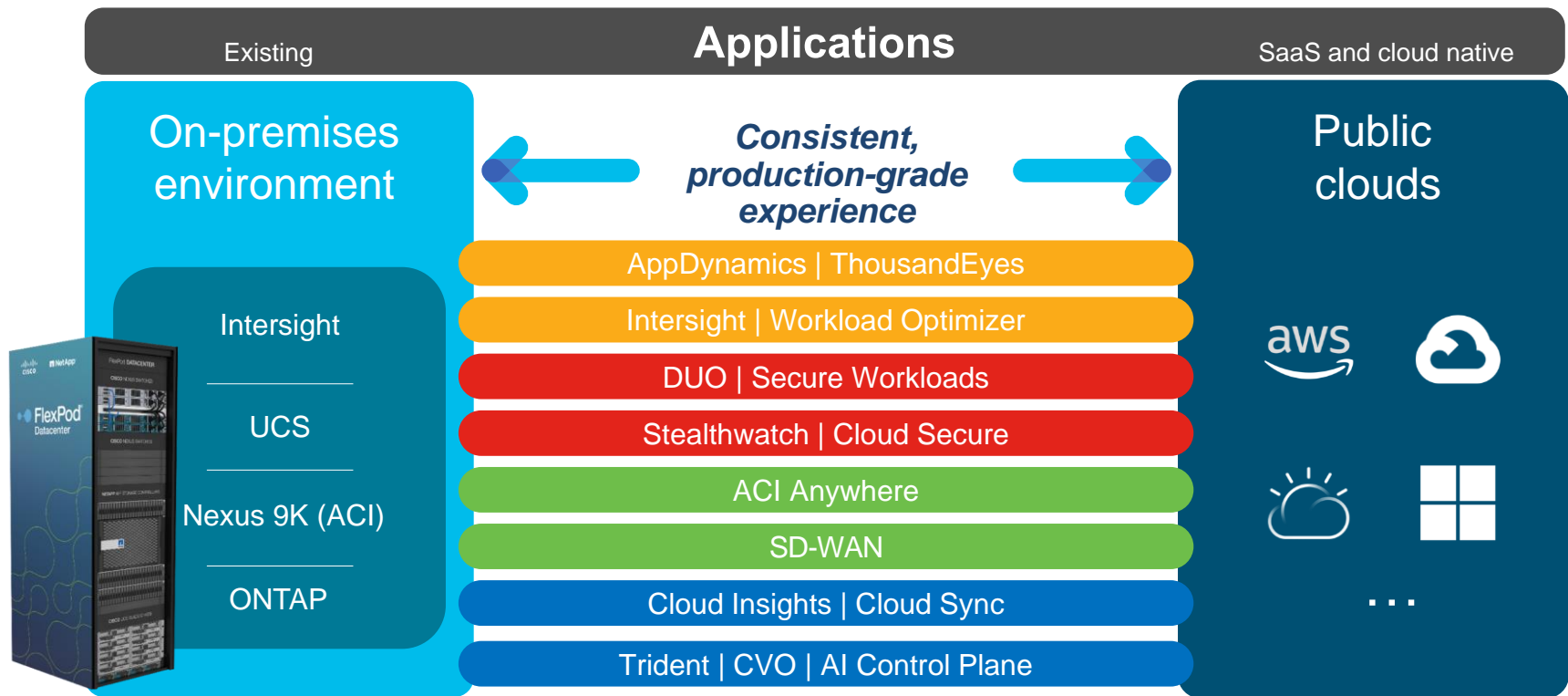
Workflow Orchestration with Intersight Storage Connector for NetApp

- Pre-defined tasks for NetApp Storage configuration
- Virtualization and storage related tasks

Use Cases

- Day 0: Bring up of the FlexPod infrastructure
- Day 1: Expansion of the storage resources
- Deployment of NetApp Cloud Volumes via Terraform
- Repair / Diagnostics

Combined portfolio makes it reality





The bridge to possible

Thank you

CISCO *Live!*

CISCO *Live!*

