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Deploying Kubernetes-Based Applications with Multi-Access Edge Computing (MEC)

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About the Presenter



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Previously: {      }

SVP Products & Solutions



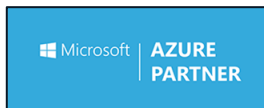
Rafay Delivers Best-In-Class Automation & Standardization For Kubernetes

KUBERNETES MANAGEMENT & OPERATIONS PLATFORM

Continuously deploy containerized apps

Operate Kubernetes clusters anywhere

Standardize Kubernetes environments with centralized governance and policy management capabilities



verizon[✓]

Genentech



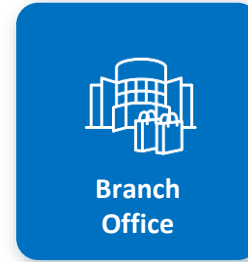
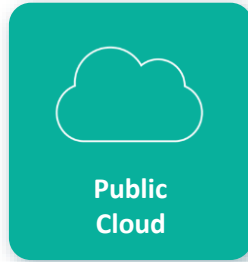
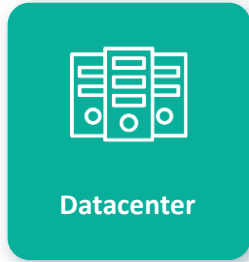
U.S. AIR FORCE



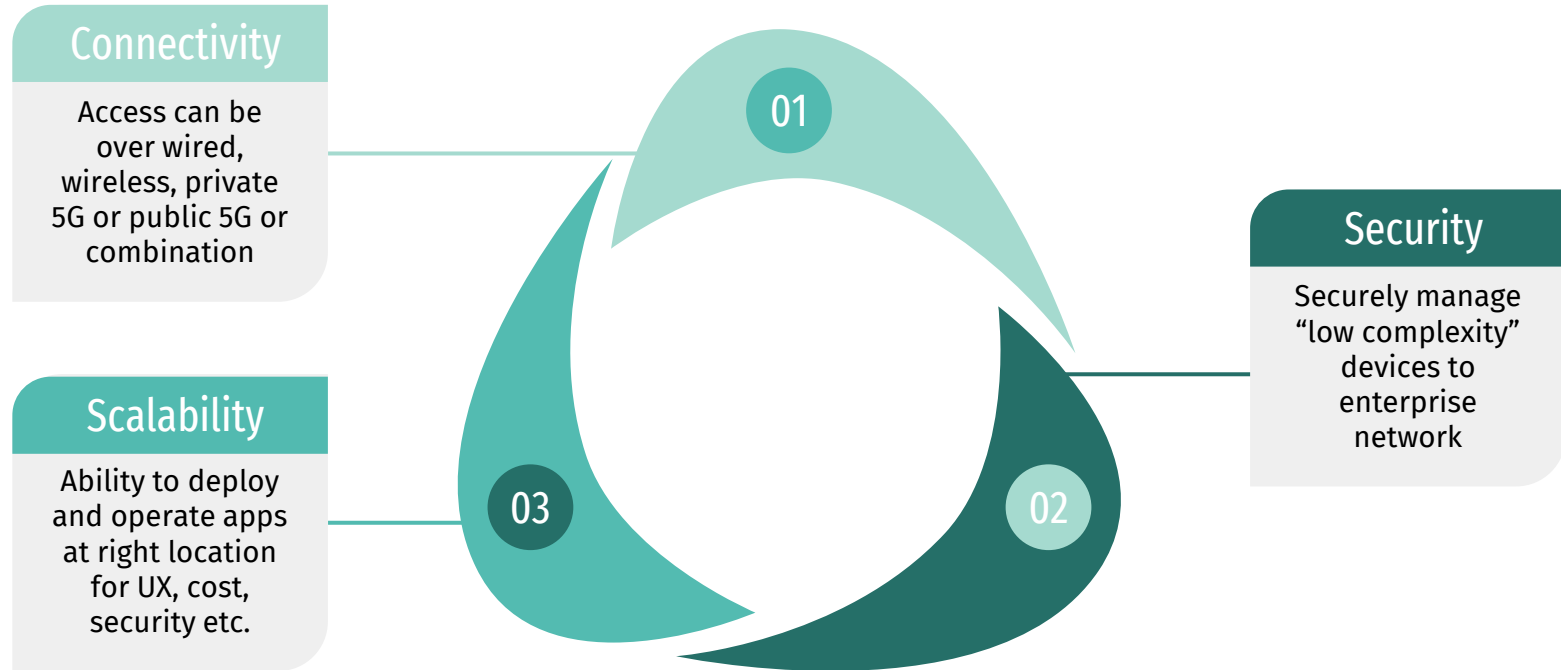
EQUINIX

SAMSUNG

The New Landscape for Enterprise Apps?



Resulting in Three Enterprise Challenges



Requiring Four Critical Requirements to be Addressed

Turnkey Cluster Provisioning & Lifecycle Mgmt

Automated provisioning and upgrades for EKS, AKS, GKE & Upstream Kubernetes

Multi-Cluster Standardization & Addon Management

Standardization of configuration across multiple cluster via centralized blueprints & drift detection

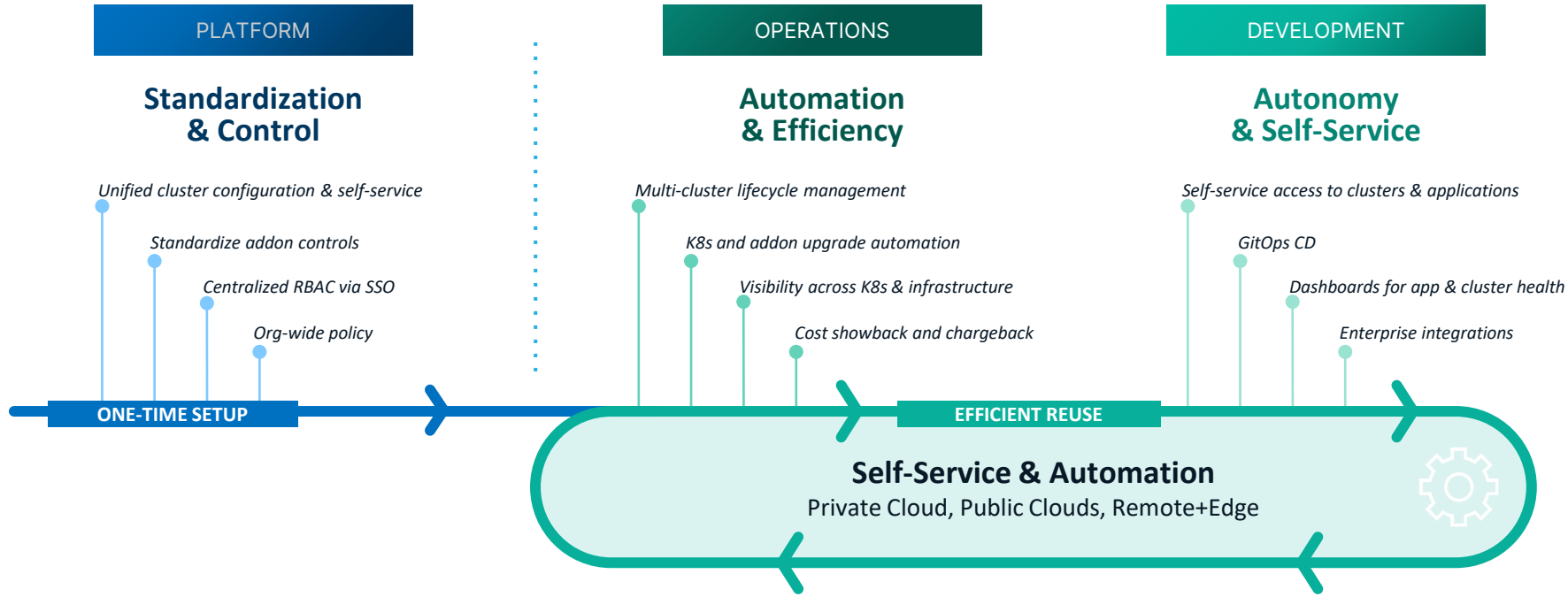
Self-Service Single- & Multi-Tenant Cluster Consumption

Enable internal customers to easily consume multiple clusters, namespaces or a combination with centralized governance

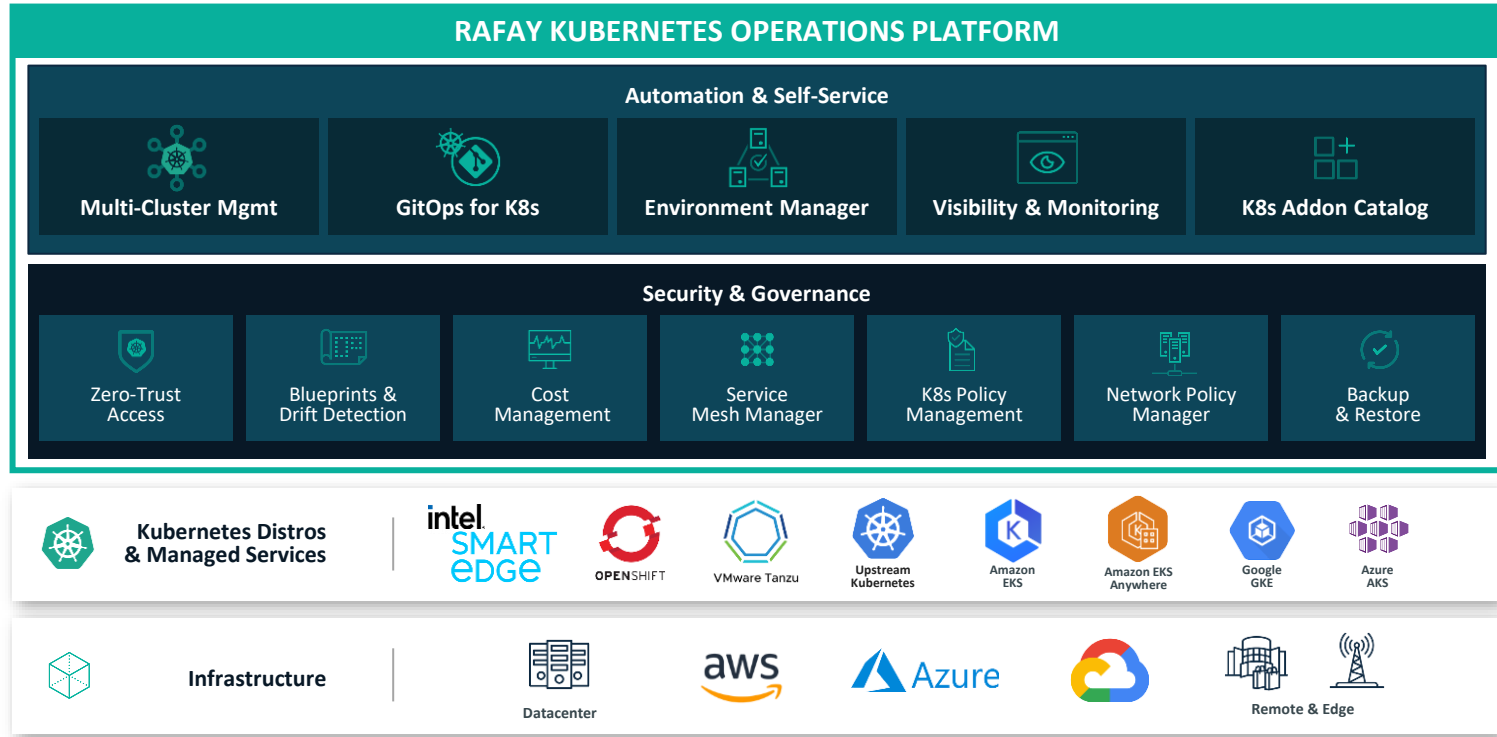
Zero-Trust Based Multi-Cluster Access

Enable operators to easily access multiple clusters and/or namespaces with centralized control and auditing

Requirements Span Three Distinct Functions



A Complete Solution for Infrastructure & Operations





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intel®

Delivering Value to Enterprise & Telco Customers

Retail
Apps

Manufacturing
Apps

Enterprise
Apps

Security
Apps



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Rafay Blueprint for Edge

Edge HW Platform

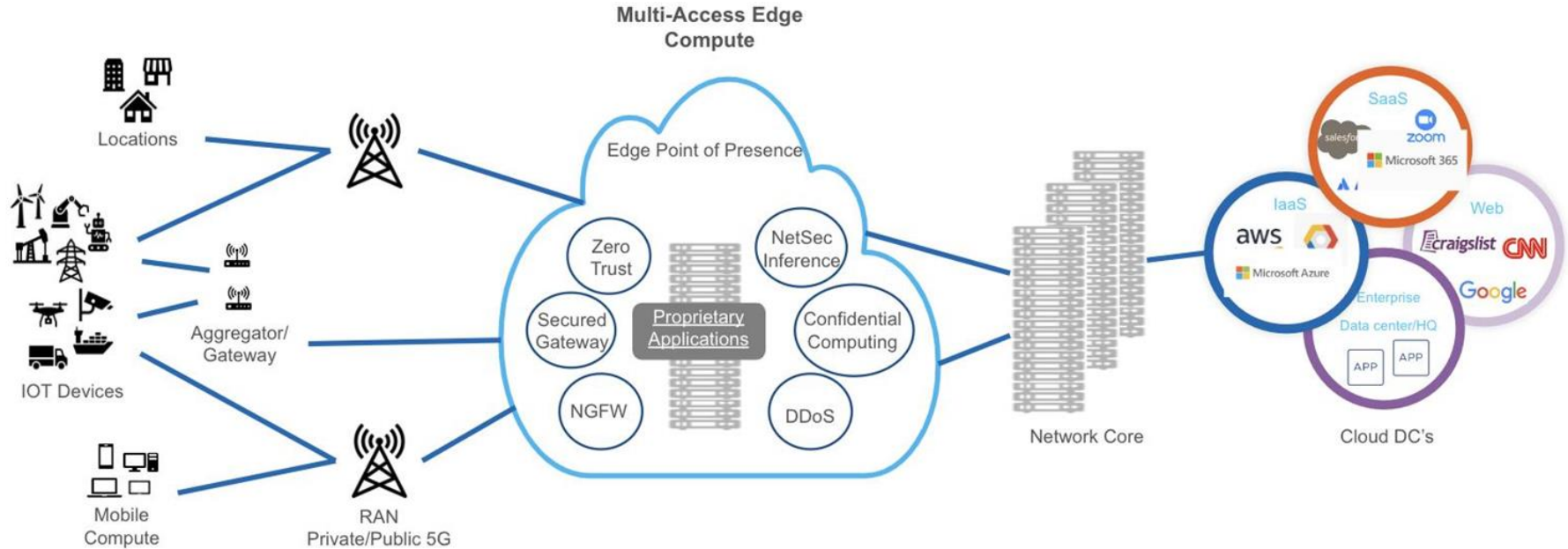


Enterprise Edge

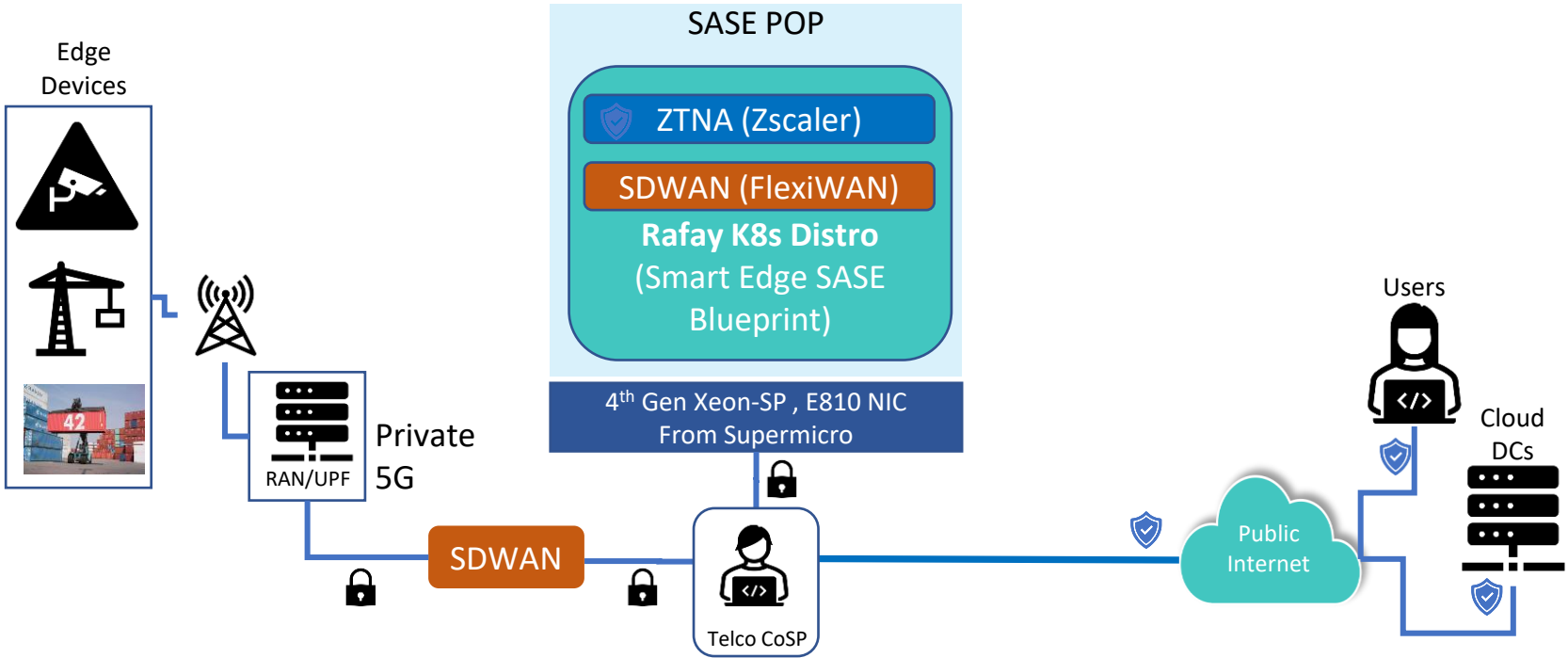


Rafay K8s
Operations
Platform

MEC for Enterprises with Secure Access Service Edge (SASE)



Illustrative Architecture





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Live Demo #1
Cluster Blueprint for
SASE

Multi Cluster Standardization



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**Live Demo #2
Remote Mgmt &
Secure Access**

Secure Access and Remote Management





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Govern Millions Of **Performance-Optimized, Secure, Edge-Native Clusters** Across Thousands Of Companies
Through A Singular SaaS Offering

- ✓ Manage 1000s of edge clusters
- ✓ Performance-Enhanced from the Platform level
- ✓ Drift Detection
- ✓ Zero Trust Security
- ✓ Lifecycle/Policy Management



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