

VMware platform for open RAN & Cohere xApp boost spectral efficiency

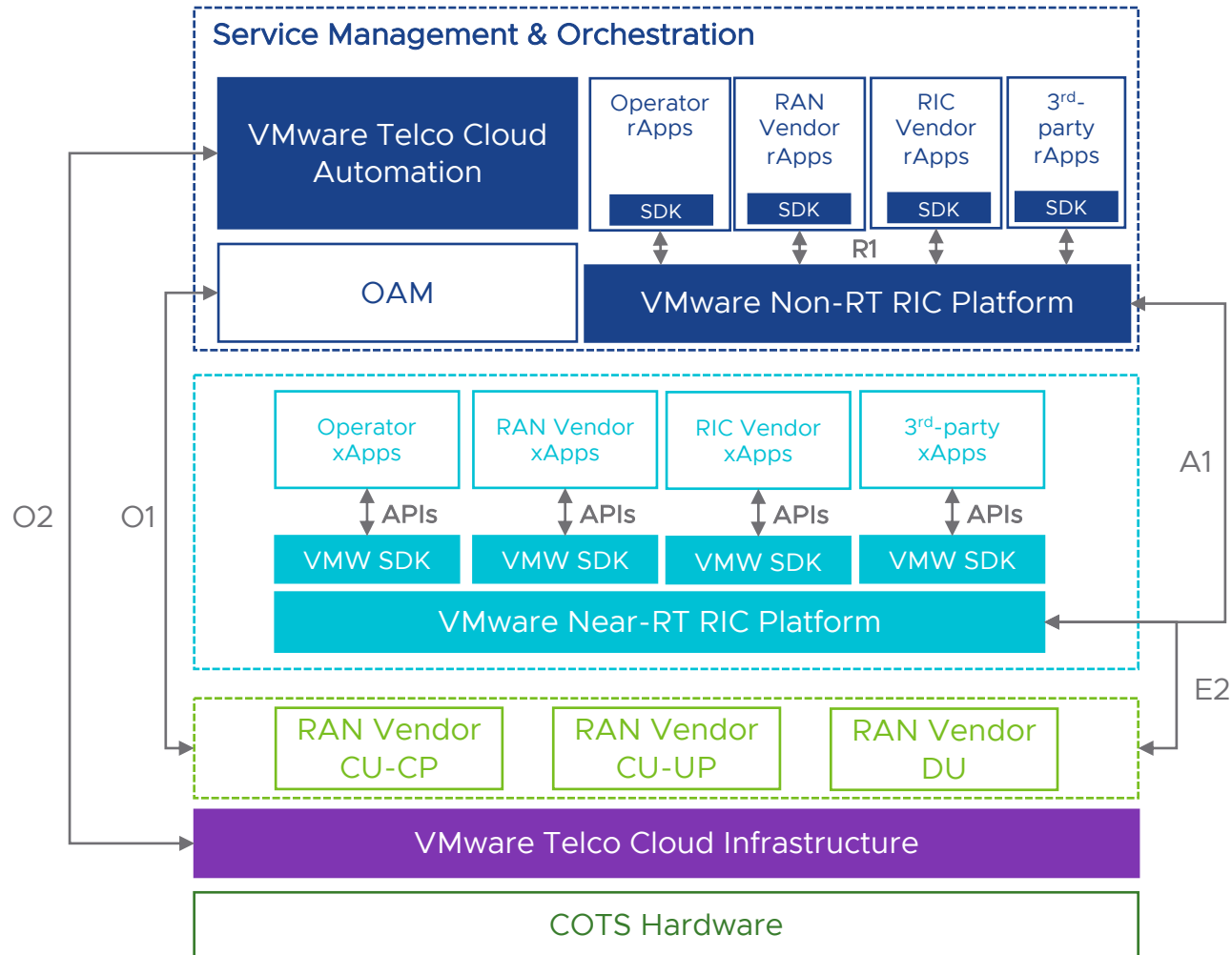
FCC Open RAN Showcase. July 14, 2021.

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VMware is building the platform for open RAN

Telco Cloud Platform for virtual/cloud-native RAN, RIC Platform for software-defined RAN



VMware Telco Cloud Platform enables virtual/cloud-native RAN

- Telco Cloud Infrastructure (O-Cloud)
- Telco Cloud Automation (O-Cloud Manager)

General Availability in Q1 2021

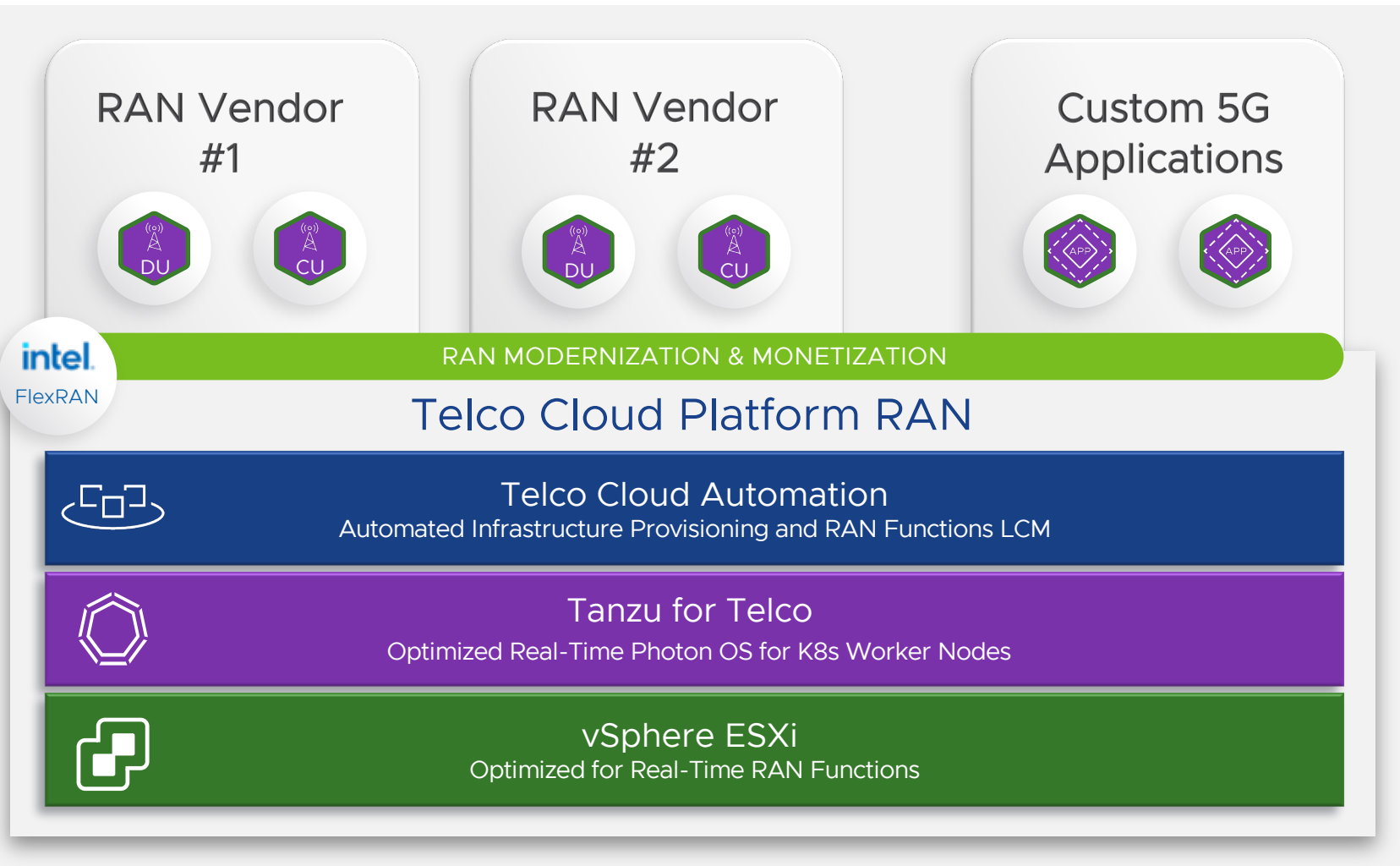
VMware RIC Platform enables programmable/software-defined RAN

- Near-Real-Time RIC Platform [Available for lab trial]
- Non-Real-Time RIC Platform [Available for lab trial in Q3'21]

Limited Availability in Q4 2021. General Availability in H1 2022.

Telco Cloud Platform RAN

Purpose-Built Platform for Modern RAN



RAN-Optimized Platform

- RAN-Driven Performance
- Intrinsic Security
- Ready for O-RAN Migration

Cloud-First Automation

- Consistent Operations – Core to RAN
- Infrastructure Automation
- Programmable Resource Provisioning

RAN-Focused Ecosystem

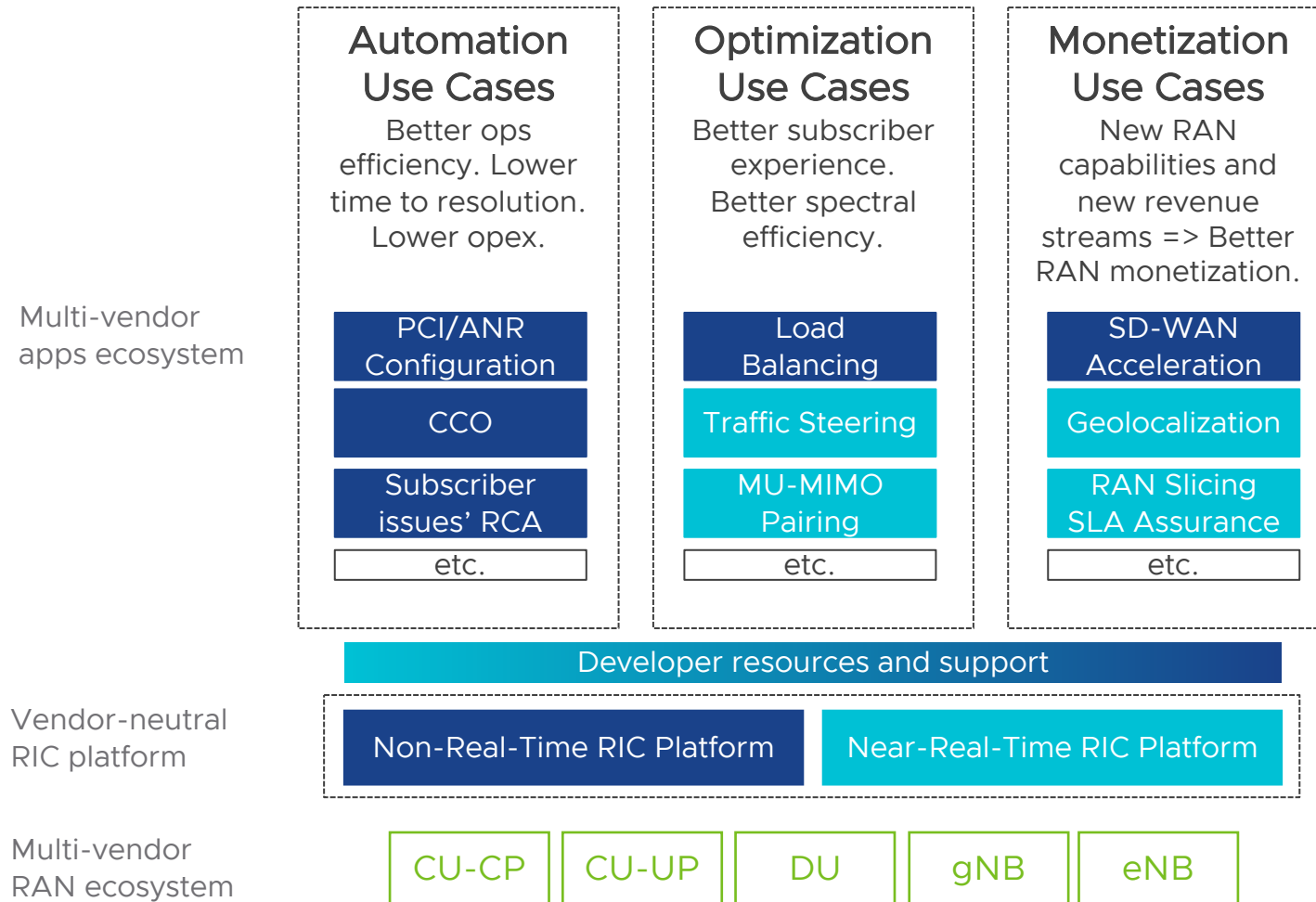
- Open API
- Performance & Resource Optimized

5G Multi-Services Hub

- Build, Deploy, Operate 5G Apps
- RAN as a Service
- Accelerate Innovation

VMware RIC enables a truly open and multi-vendor RAN

Multivendor xApps/rApps ecosystem on a vendor-neutral RIC platform

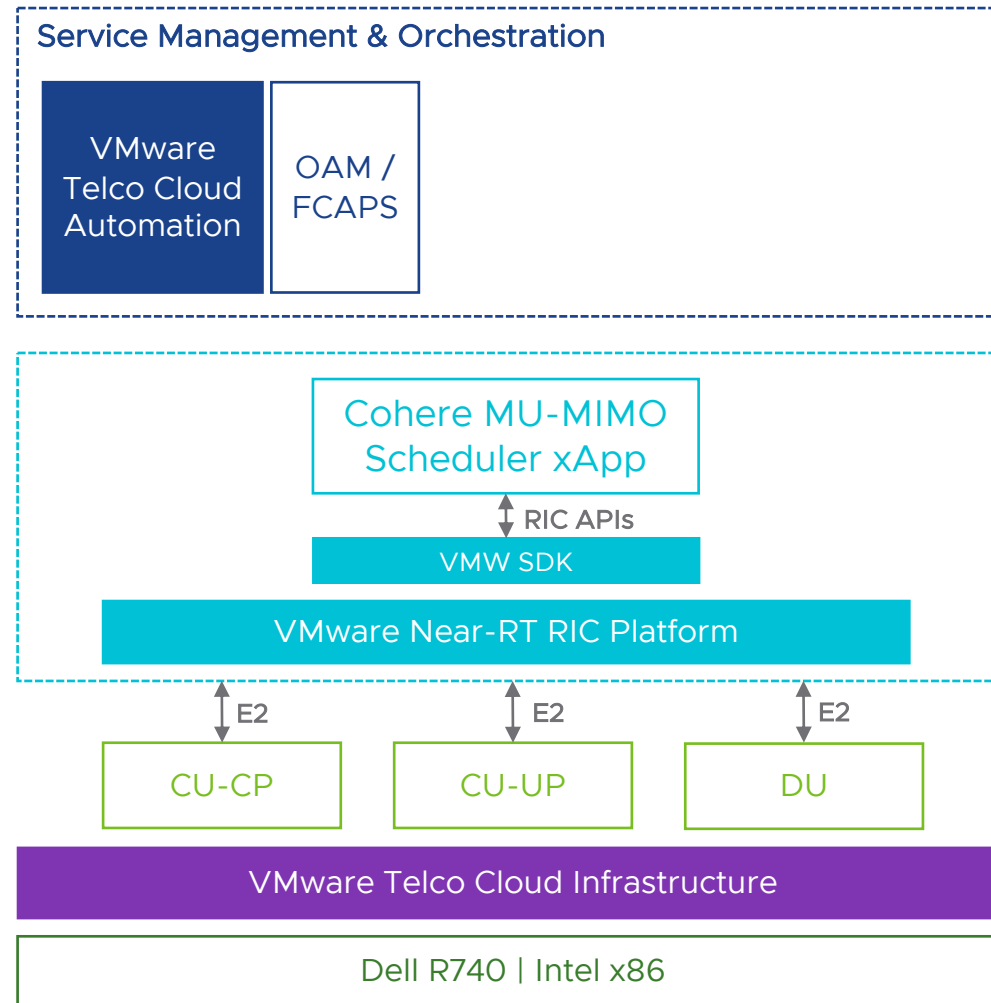


Key principles

1. **Vendor neutral** – to provide flexibility and choice to operators
2. **Developer friendly** – to create a thriving 3rd-party ecosystem
3. **Operator need focused** – enable use cases spanning automation, optimization and monetization

VMware's Telco Cloud & RIC enable Cohere's MU-MIMO xApp

Solution Architecture





Thank You
telco.vmware.com