



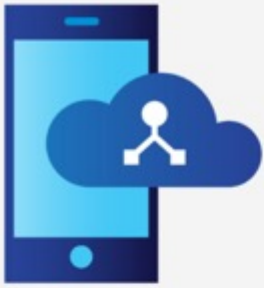
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UNLEASH THE POWER OF LIMITLESS CONNECTIVITY



**2021 Fall
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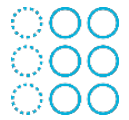


Converged Networks and Mobility

Exploring Multi-Access Edge Compute in Converging Access Networks

Andrii Vladyka

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Harmonic



Containerized

- Applications separated into manageable and functional components
- Packaged individually with all their dependencies



Dynamically orchestrated

- Kubernetes (k8s) is an open-source system
- Automating deployment, scaling, and management of containerized applications



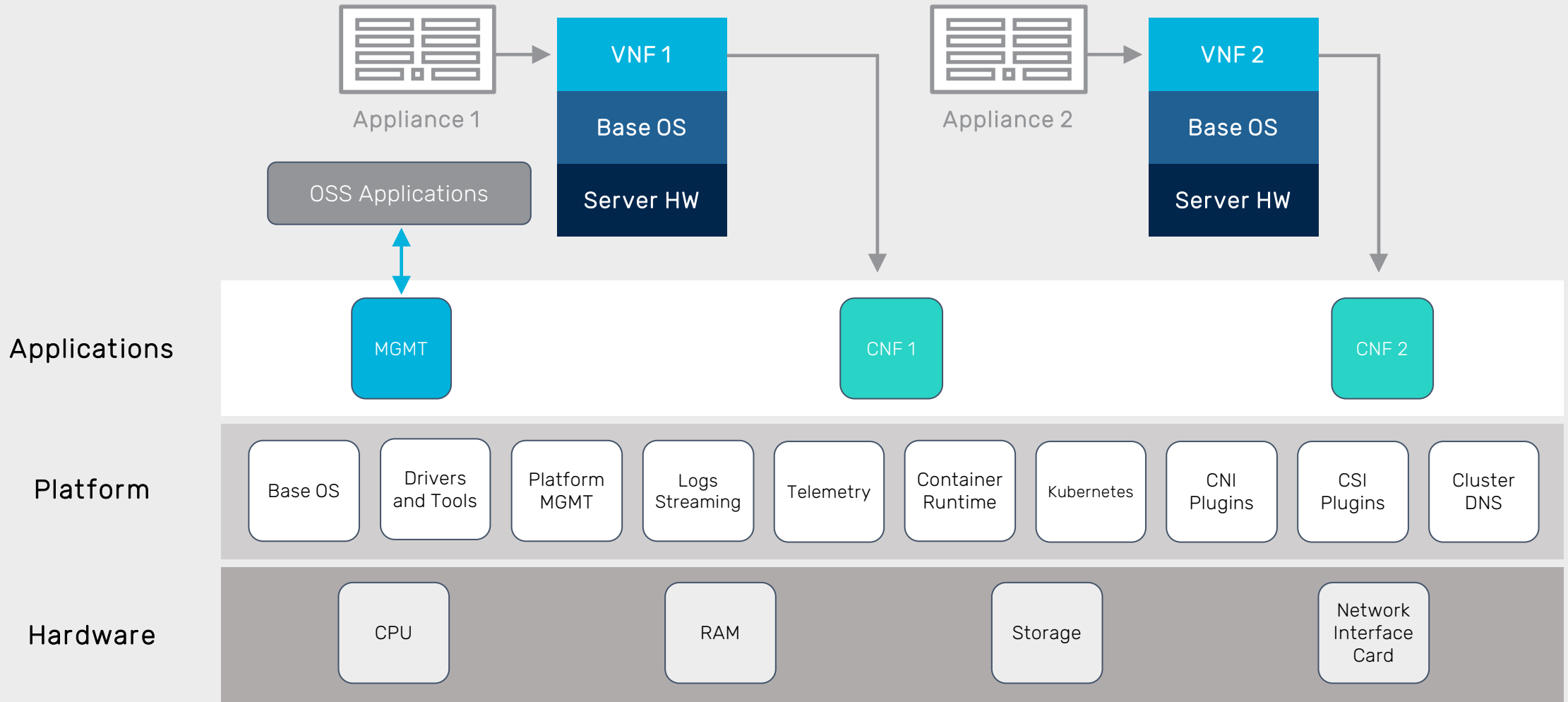
Microservices

- Continuous delivery of single-purpose services
- Opposite of traditional monolithic software, which consists of tightly integrated modules that ship infrequently and must scale as a single unit

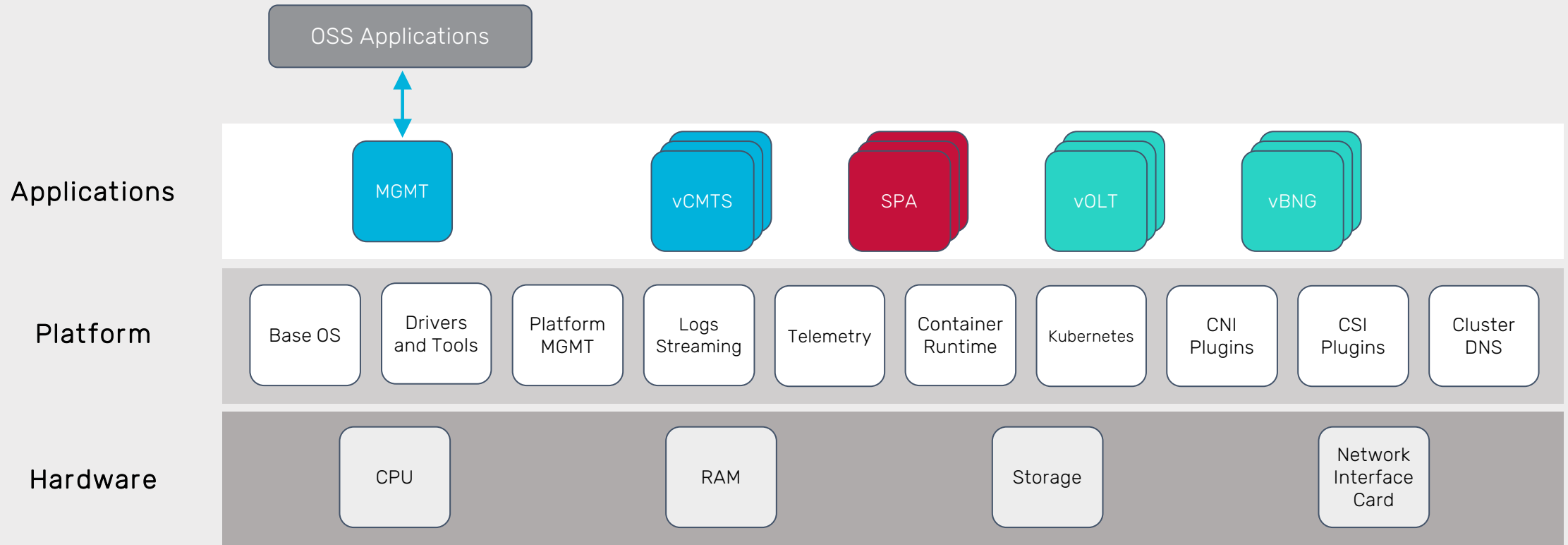


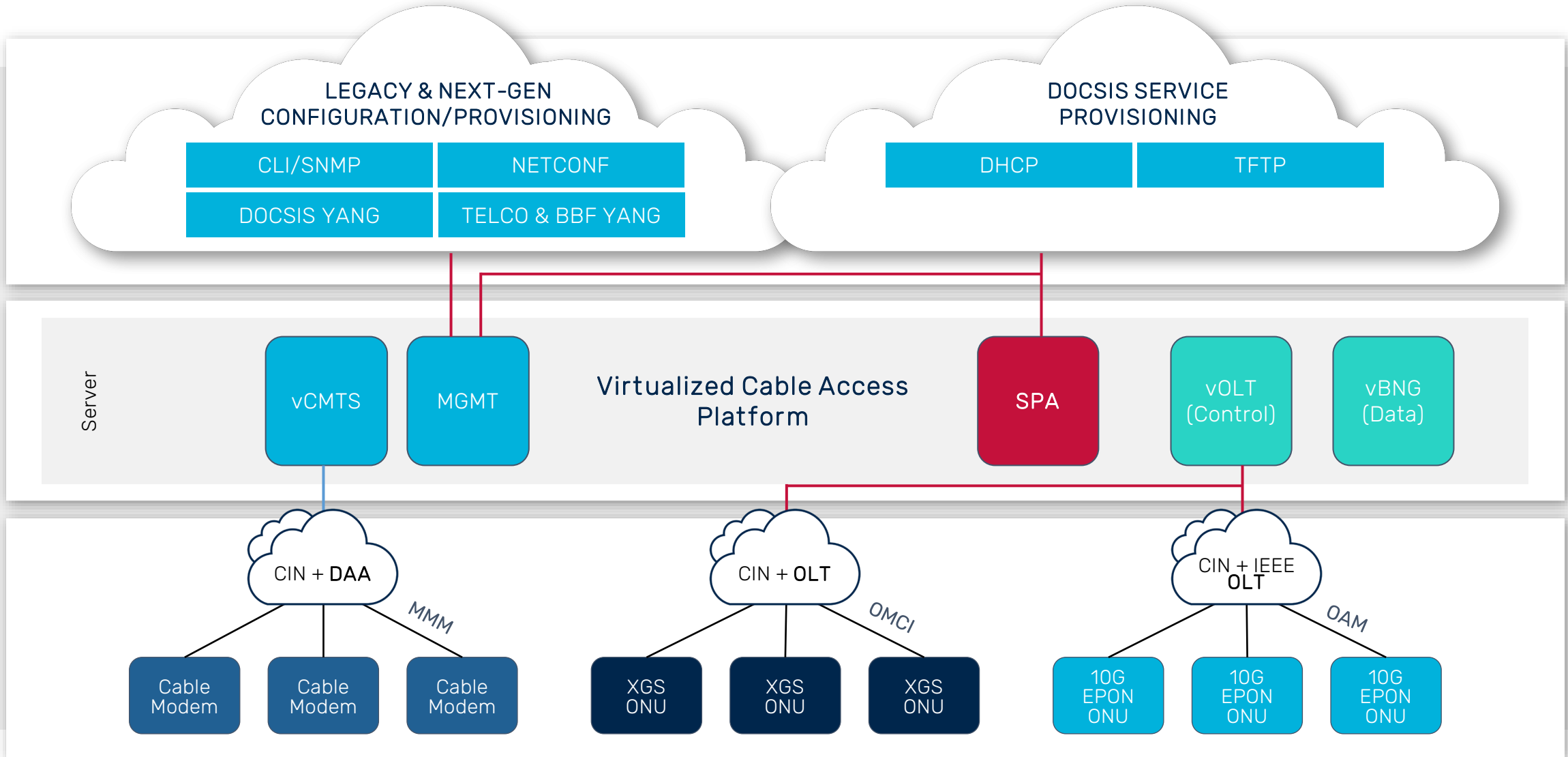
COTS equipment

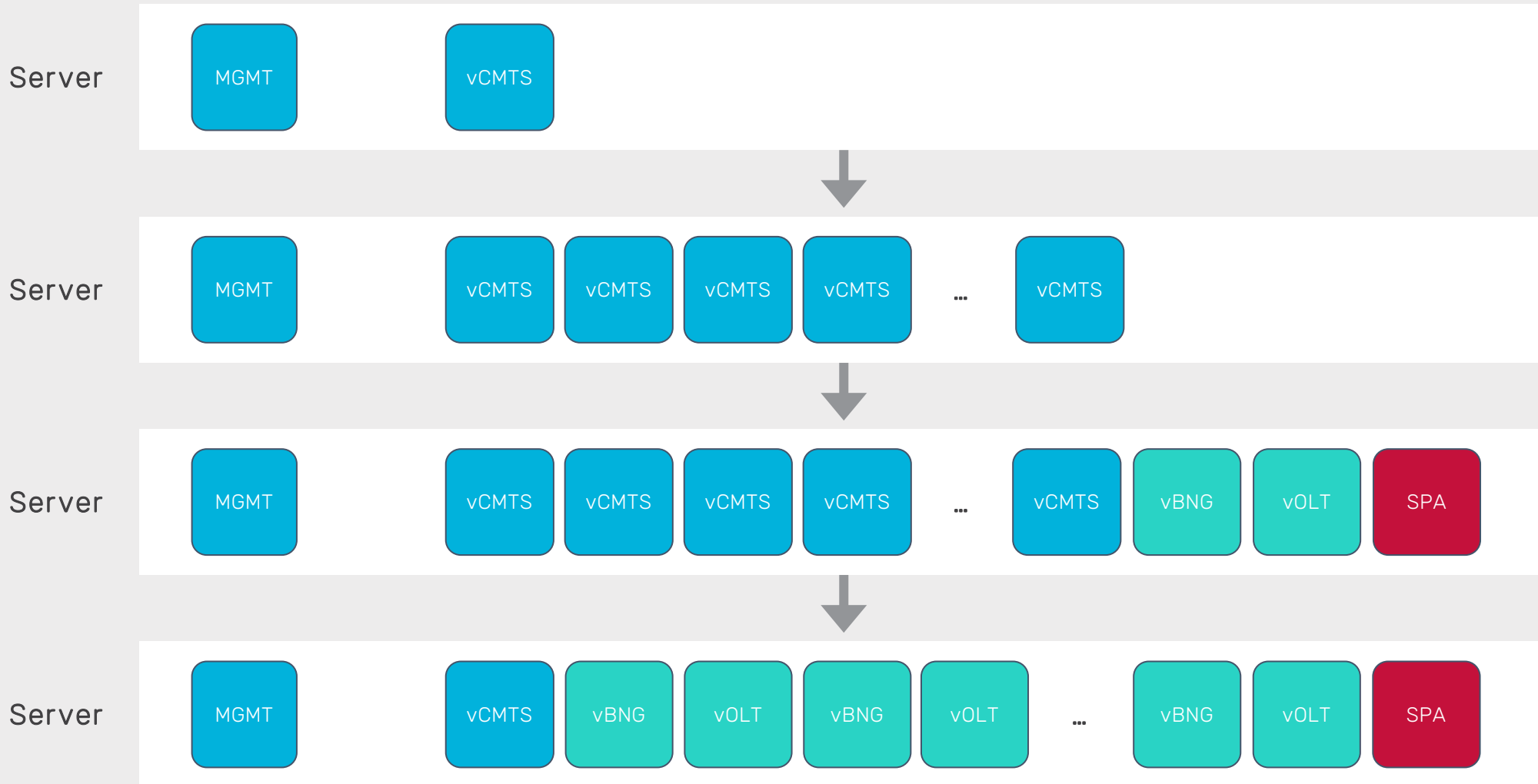
- Leverage COTS servers and COTS switches
- Ride the wave of economies of scale without the need to develop or deploy custom hardware

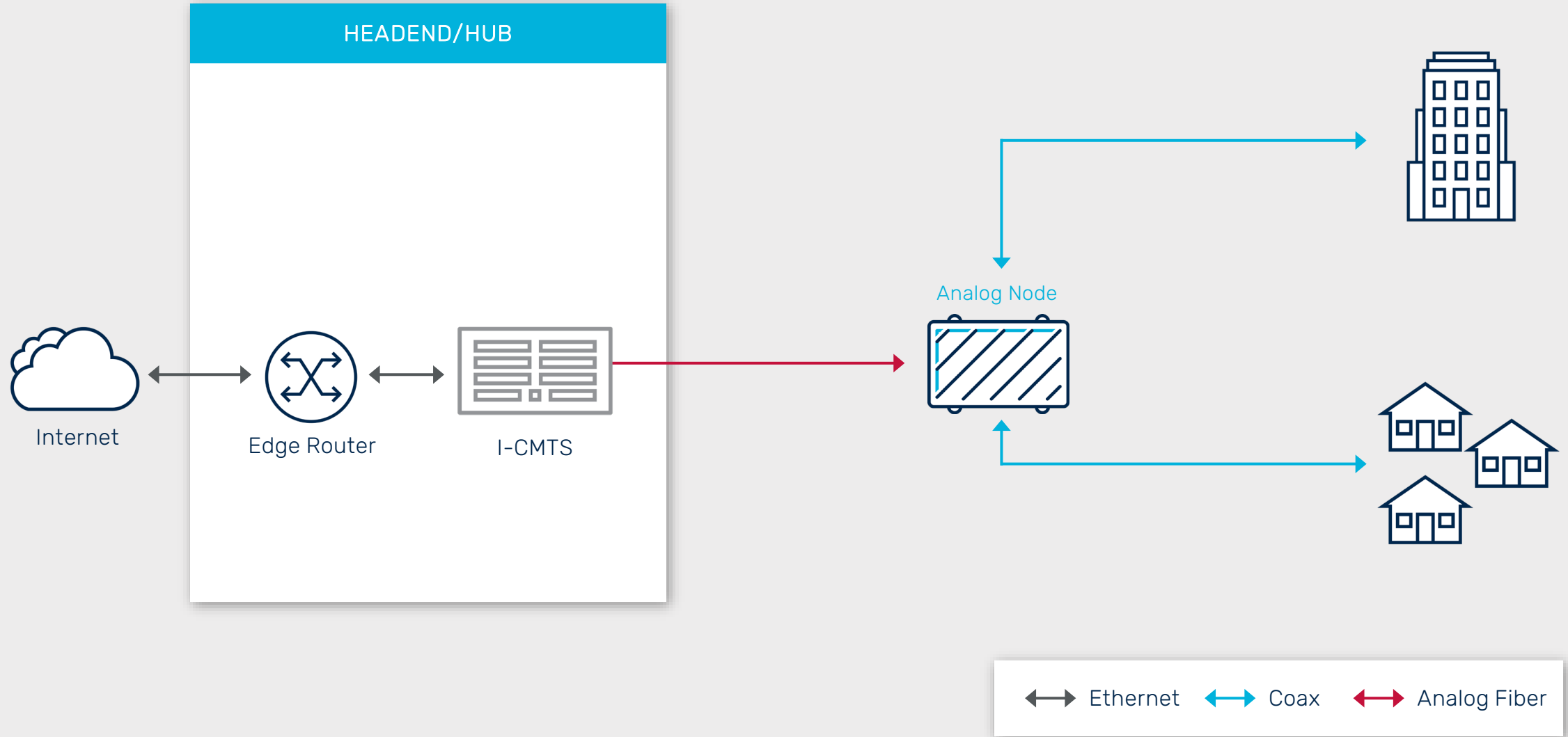


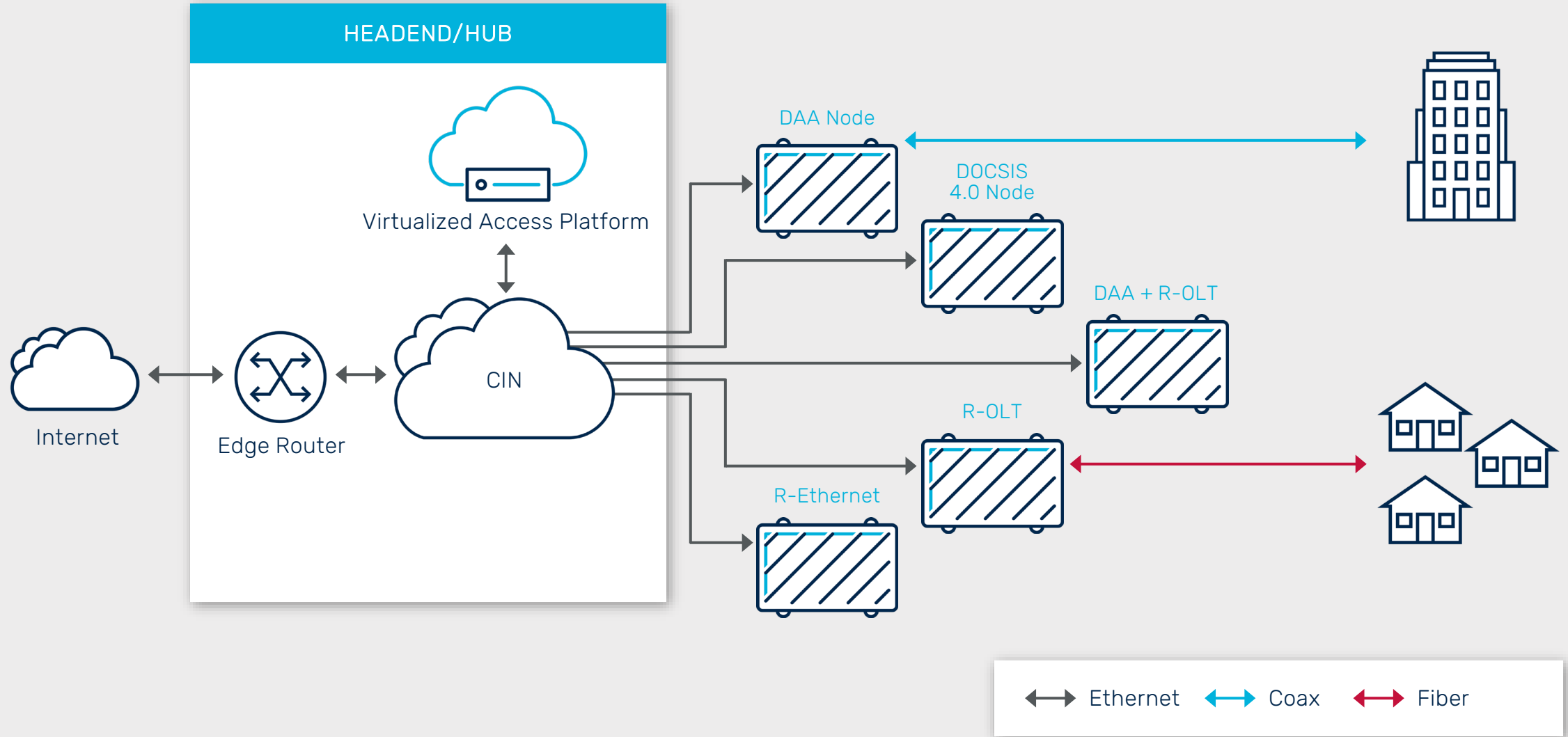
Network Convergence on Virtualized Cable Access Platform



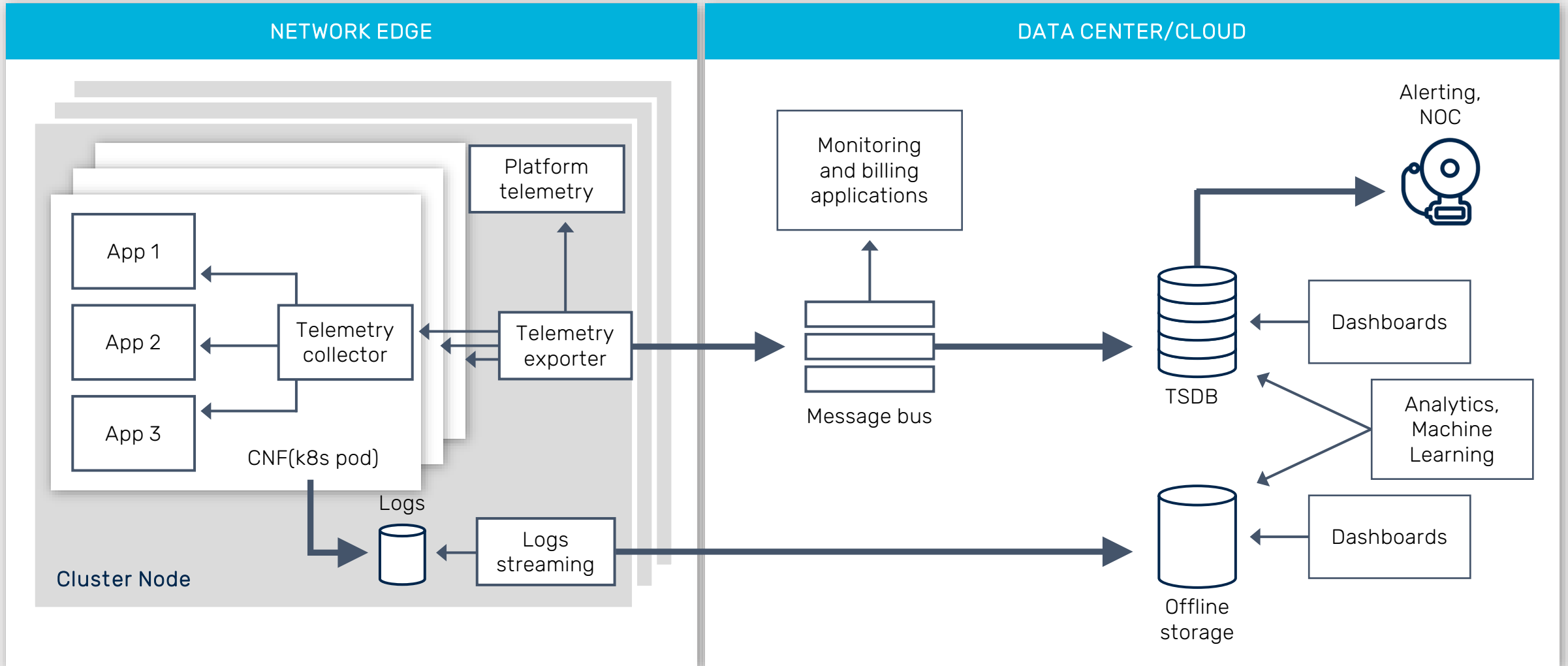








Telemetry and Logs Streaming in Converged Virtualized Networks





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Thank You!

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