

# Transform Edge & Unleash Unique Opportunities



# NFV Deployments Are Increasing

Ericsson NFV Market Leadership Jan 2018



40+  
Deployments  
LIVE

140+  
Commercial  
Customers

## Drivers

New Business

Modernization

Transformation

Capacity Build-out



## Services

VoLTE

Wi-Fi calling

MBB

Enterprise

IoT

## Variants

Ericsson Full-Stack

Service On 3PP NFV-I

Single VNF Component

# Ericsson 5G momentum



# 10+

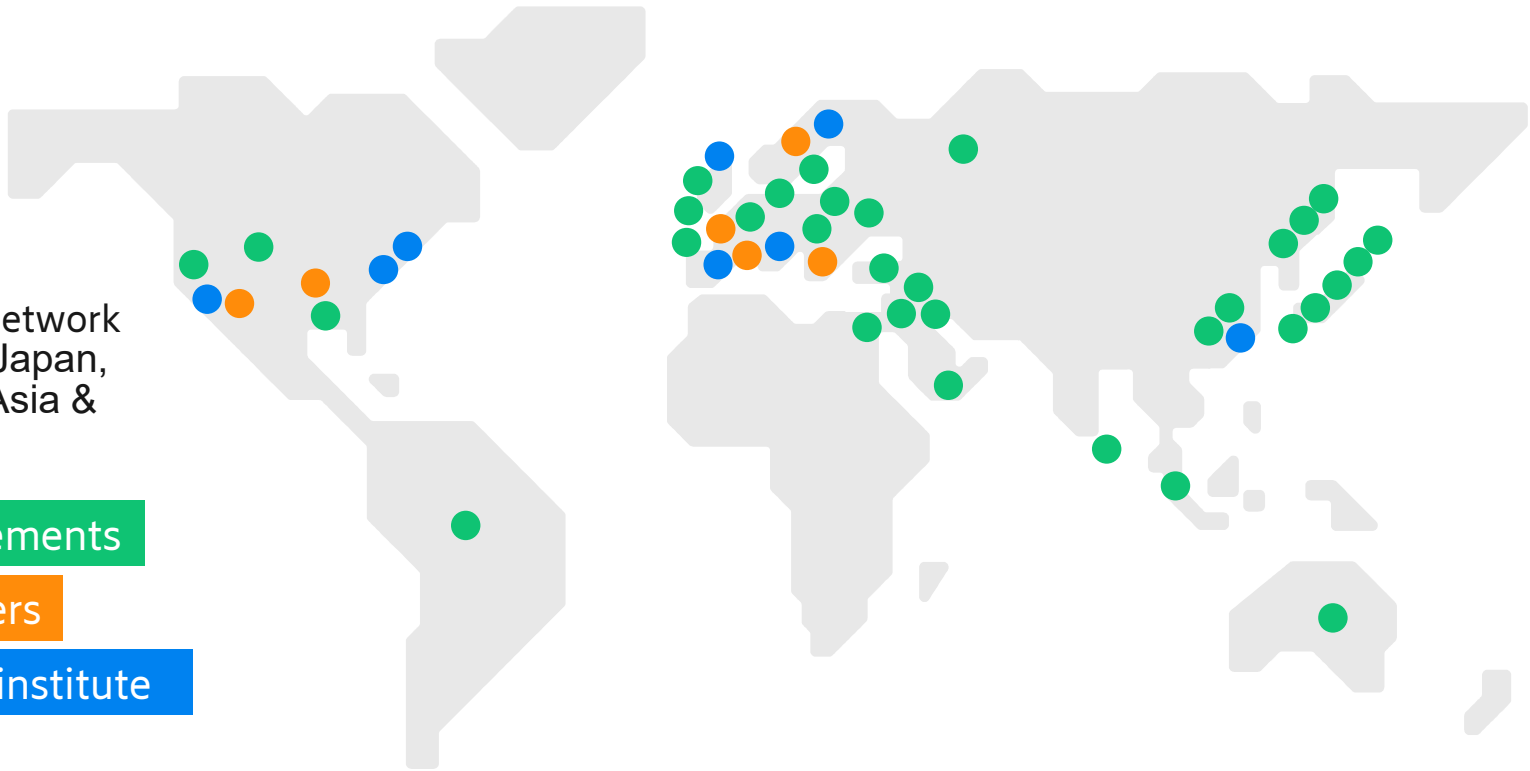
live end-to-end 5G network trials in US, China, Japan, Korea, South East Asia & Europe

39 Operator Agreements

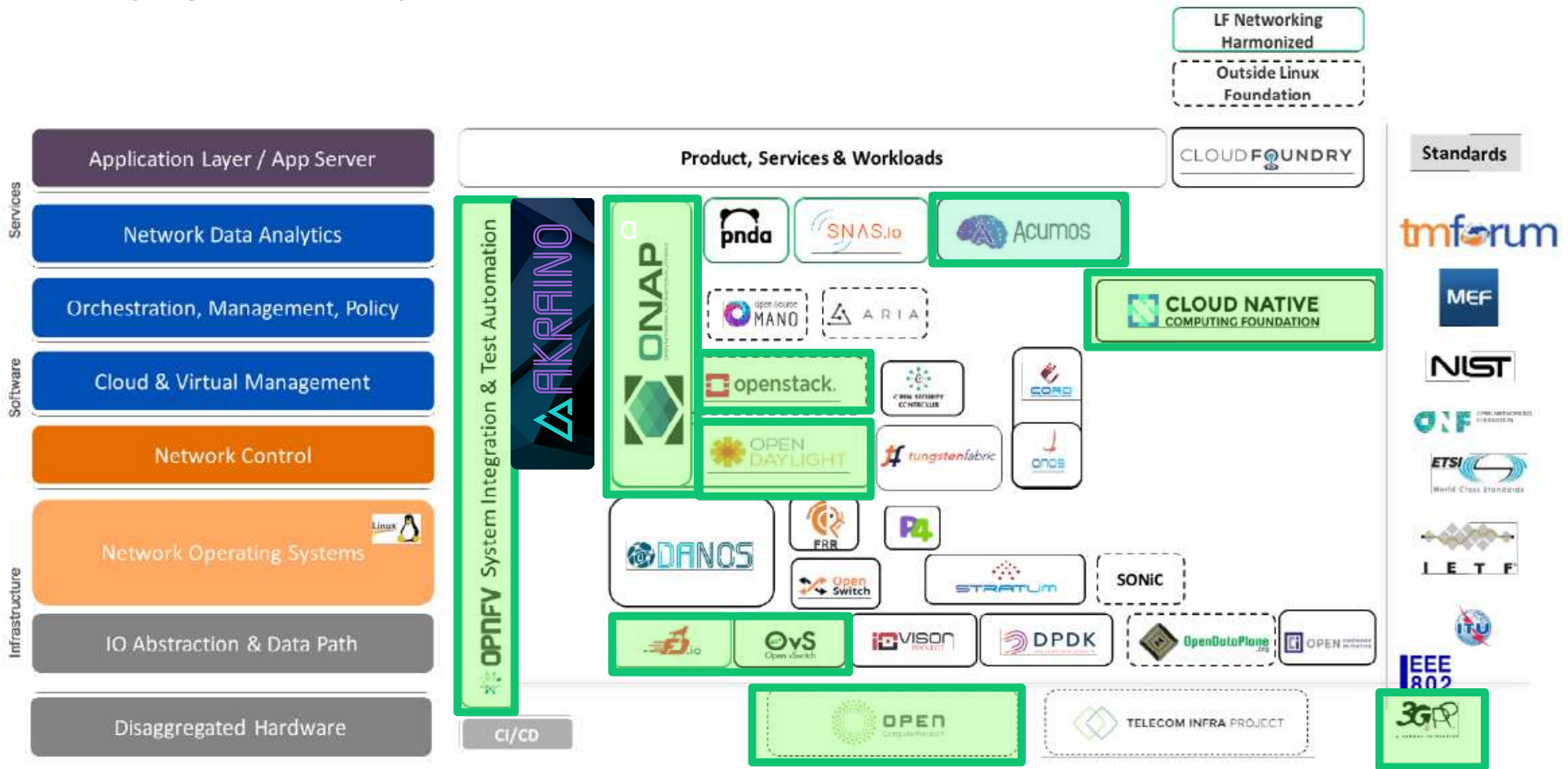
22 Industry partners

45 University and institute

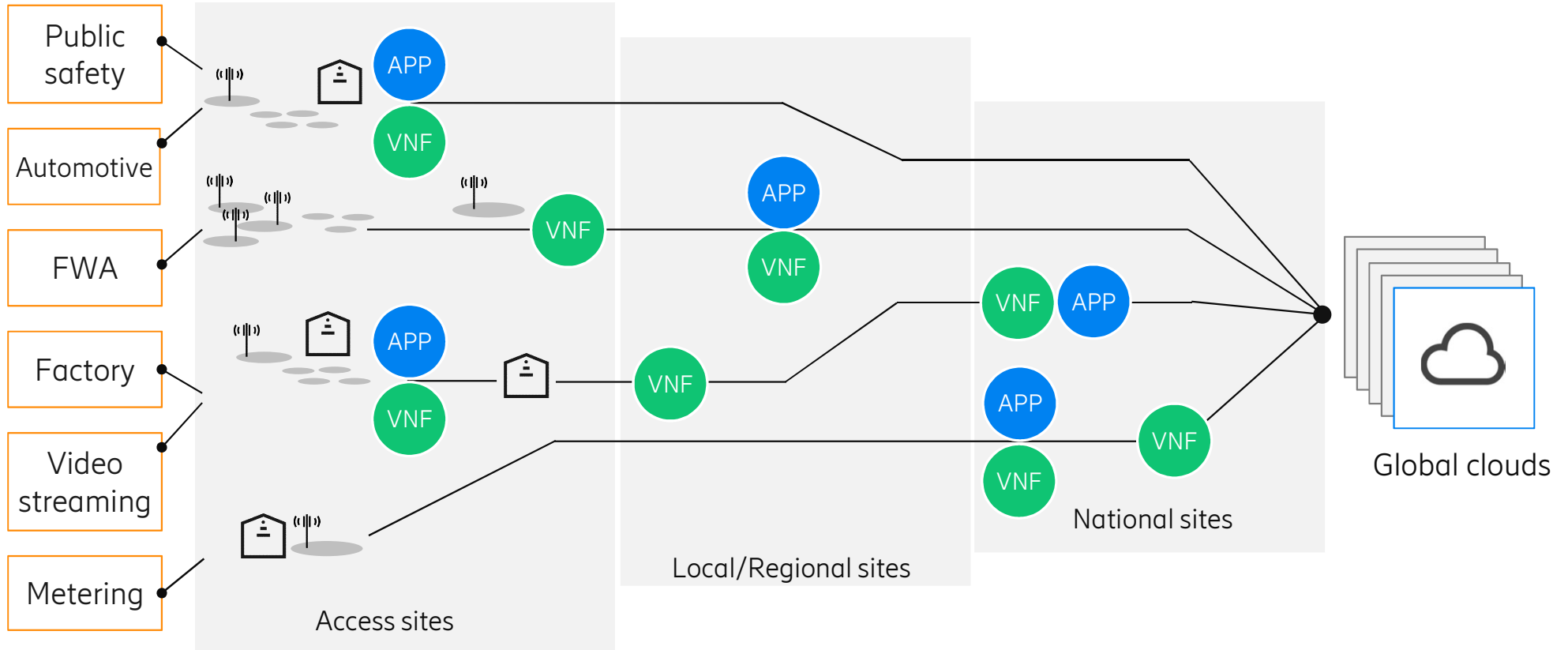
As of Feb 2018



# Open Source Engagements



# Ericsson Distributed Cloud Vision

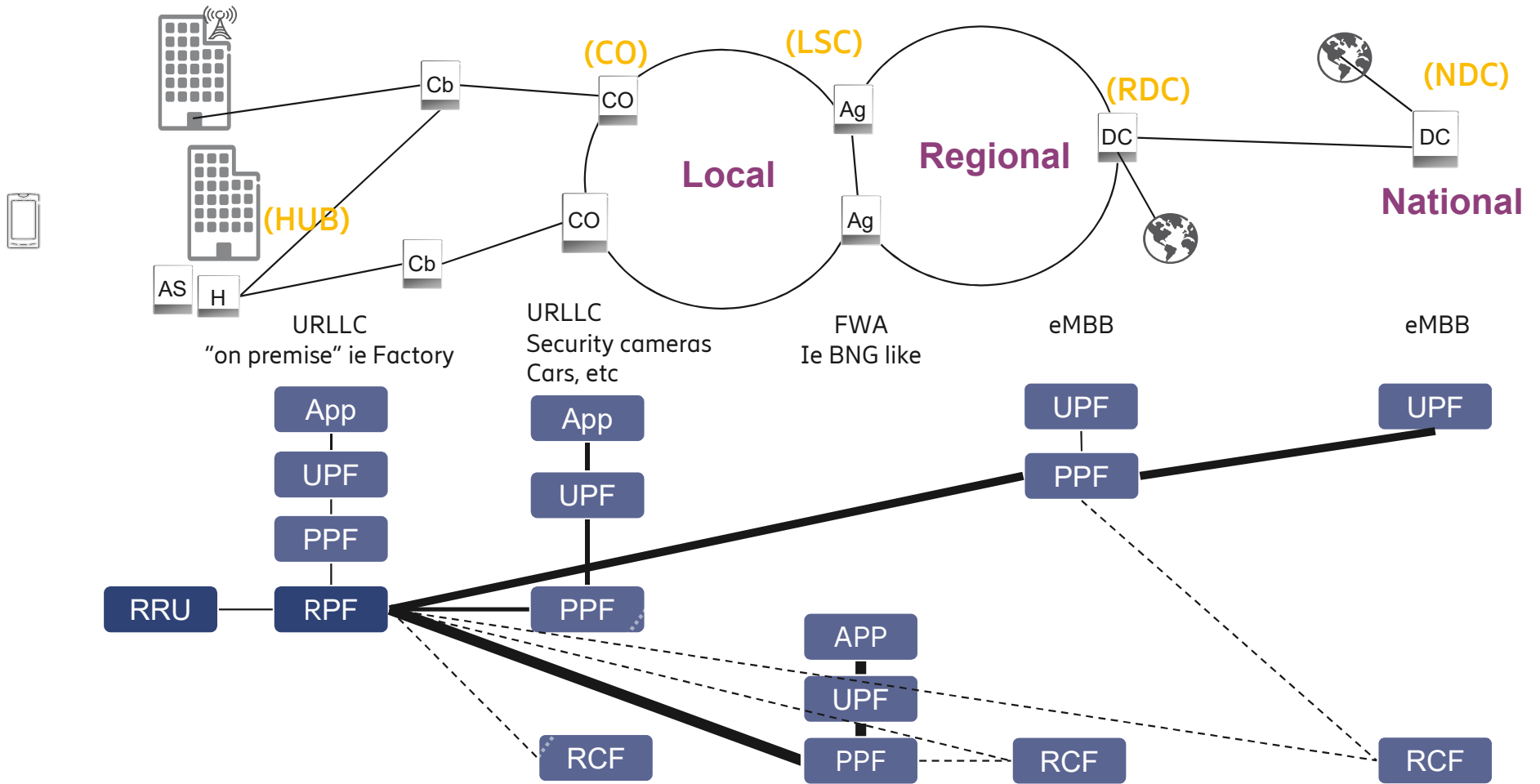


Any workload

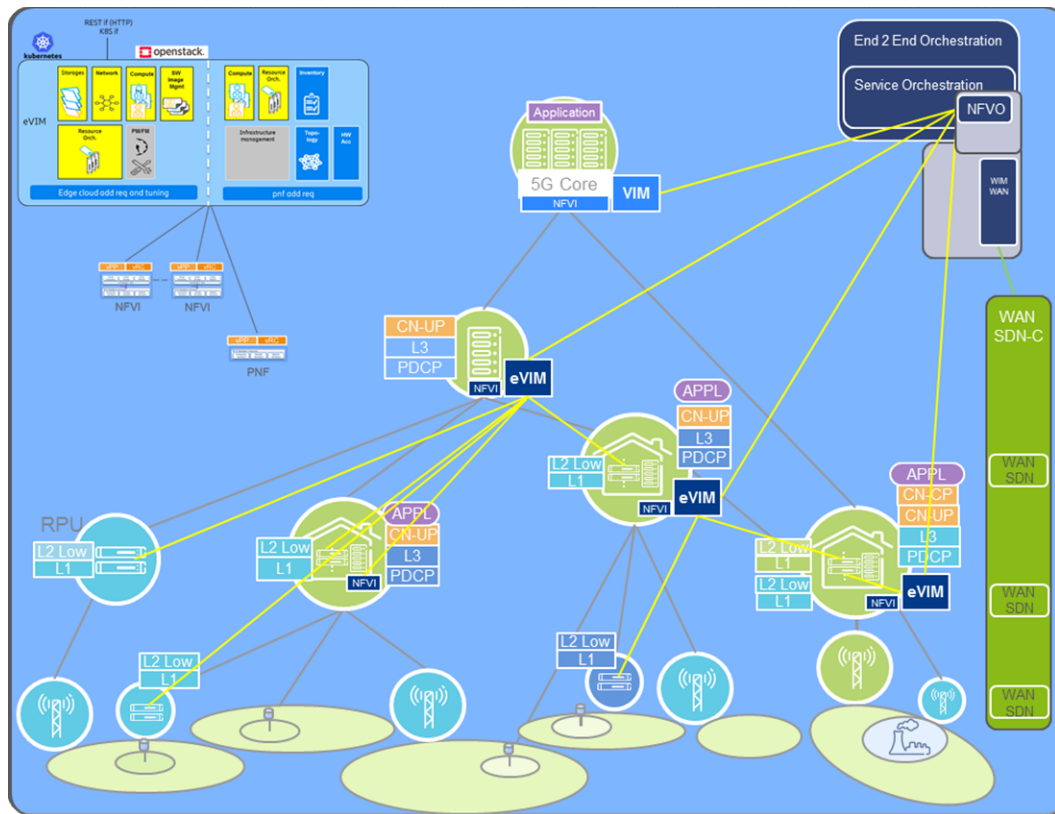
Anywhere in the network

End-2-end orchestrated

# Deployment Scenario Example



# Hierarchical Orchestration Example



- › Orchestration driven deployment
  - SW entities and infra capability for VNF/PNF to support
  - **Anchoring many end points** from the orchestration layer
  - Manage **resource orchestration** for SW entity's and images
  - **Use standardized VIM interfaces** toward APPC/infrastructure, being defined by ONAP and ETSI-MANO
  - Constrained infrastructure for memory, storage and CPU
- › Orchestration shall handle all use cases for a distributed network
  - Work with **external overlay/underlay networks** toward edge environments
  - **Scalability being important** to understand (1:1000) relation
  - Security and availability **without affecting Application VNFs/PNFs**
- › Orchestration for container, VM and bare metal workloads across multiple sites

# Edge Transformation High level Requirements



Cloud Infrastructure (HW & SW) at the edge

Remote management of small sites

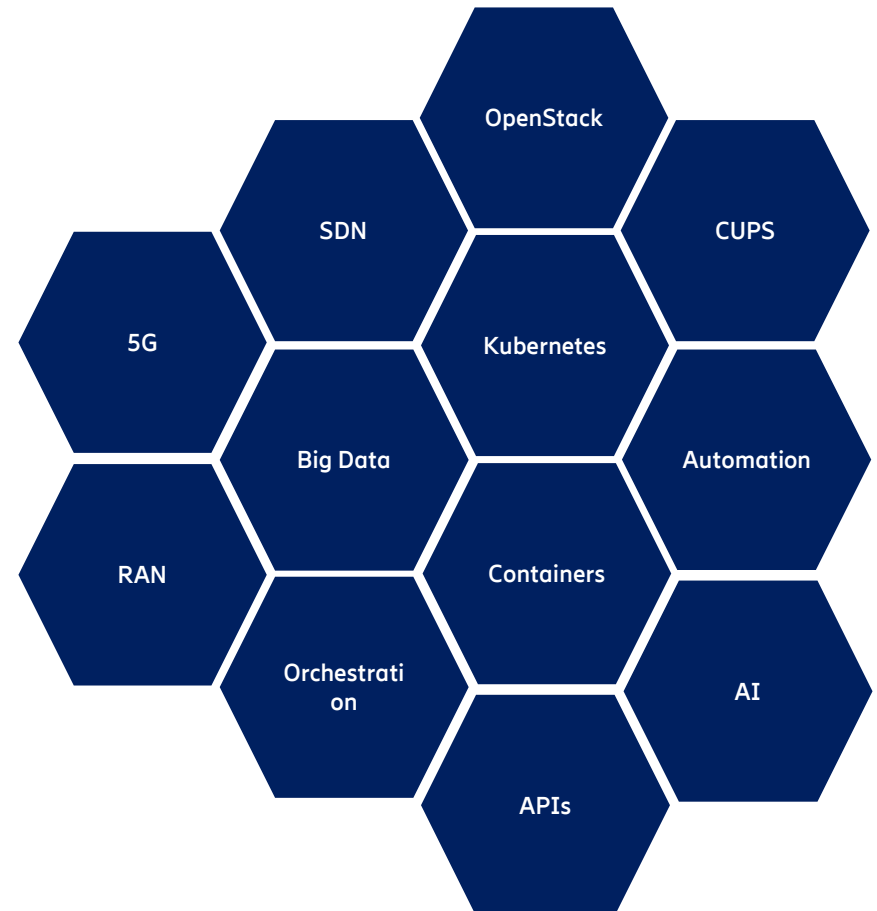
E2E orchestration of workloads

Closed loop automation

Analytics at the edge

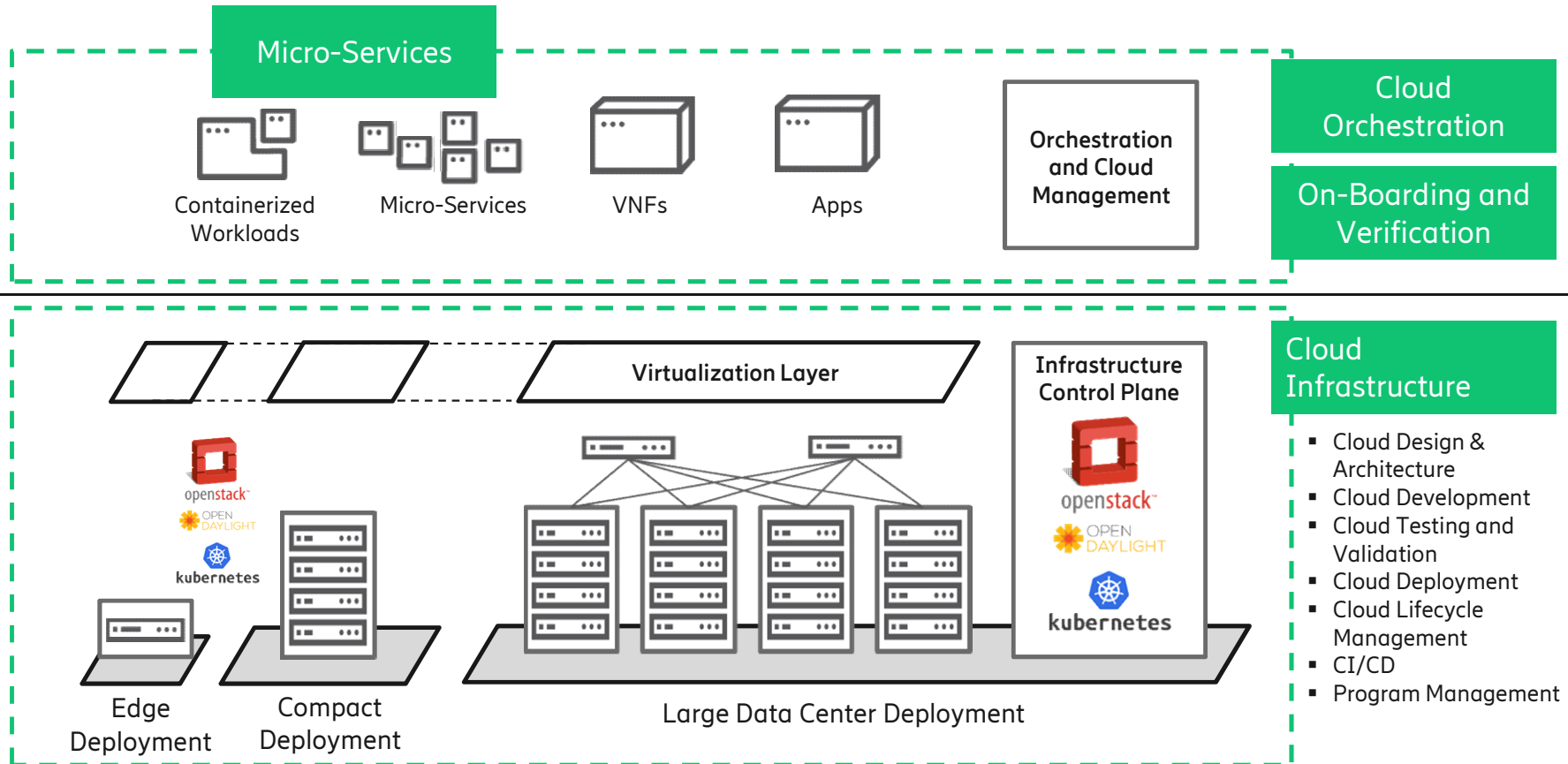
Intelligent workload placement

APIs for 3<sup>rd</sup> party apps for leveraging edge





# Cloud Evolution Technology Focus



# Ericsson Engagement in Akraino



INDUSTRY  
ALIGNMENT



CONTRIBUTE TO  
COMMUNITY



REUSE  
ASSETS

