



Beyond the Hype

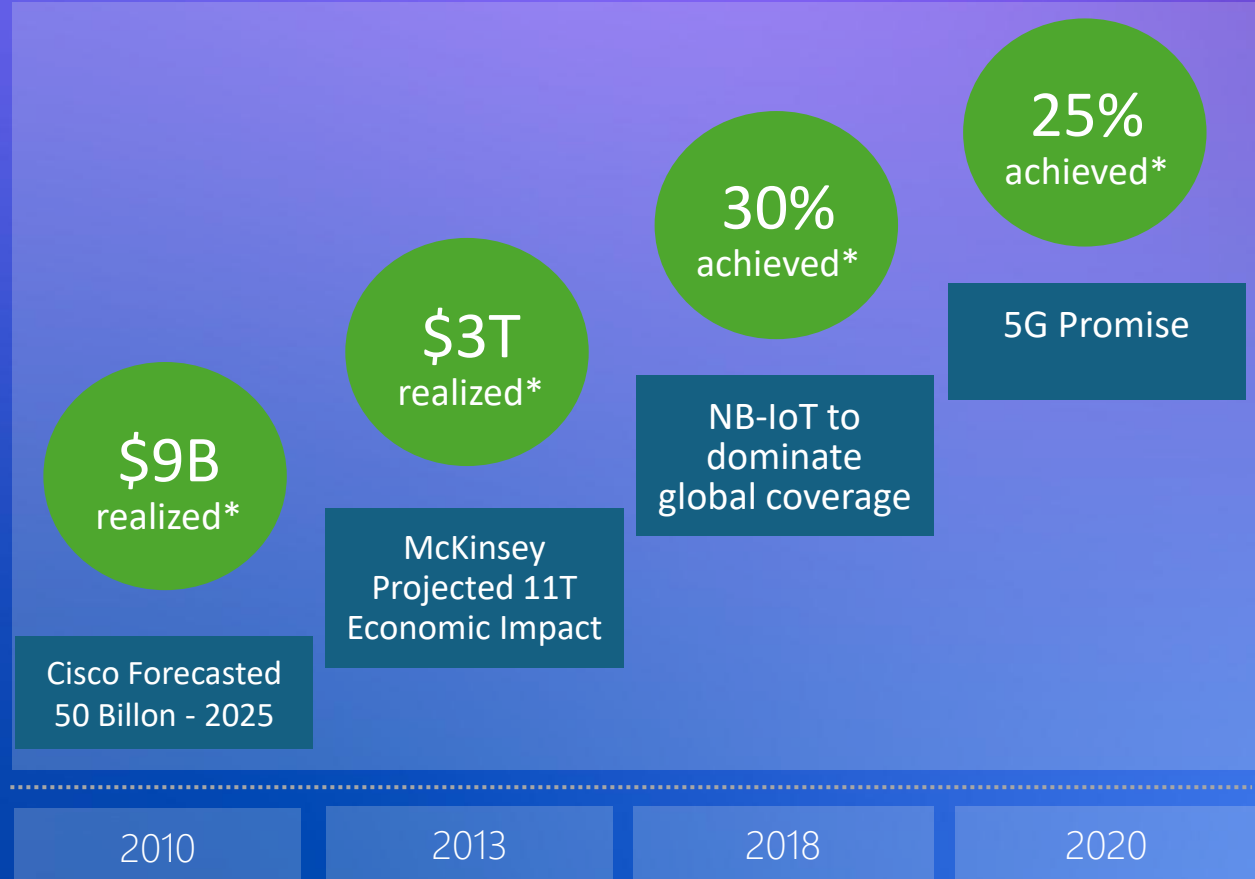
Danial Mausooof

VP, Head of Technology & Portfolio MEA Mobile Networks, Nokia

Mobile World Congress – Doha



Getting the physics and the economics right, finally?



500 Million
IoT
Connection
Via
Redcap

"We over-promised IoT. Today, we can finally deliver it — because the network itself has become intelligent."

The broken puzzle for IoT

Complexity kills simplicity



LoRa, Sigfox, NB-IoT, LTE-M — no global standard → > 30 proprietary LPWAN ecosystems by 2018.

All bars, No Bucks *



Connectivity to Capability – Curating the ecosystem

Connectivity and digital platform construct



AI-Native Telco



Network Cloud
Continuum



Ubiquitous
Access



IoT
Devices



5G-Advanced – Faster uplink, new RedCap devices, low latency and satellite connectivity

**Double uplink data rate
with peak to 350 Mbps**



**RedCap for wearables and
enterprise**



**T-Mobile introduces first
commercially available 5G
RedCap device in North
America**



Supporting MEA customers
validating and introducing Redcap

**Low Latency Low Loss
(L4S) for interactive**

**NOKIA
BELL
LABS**

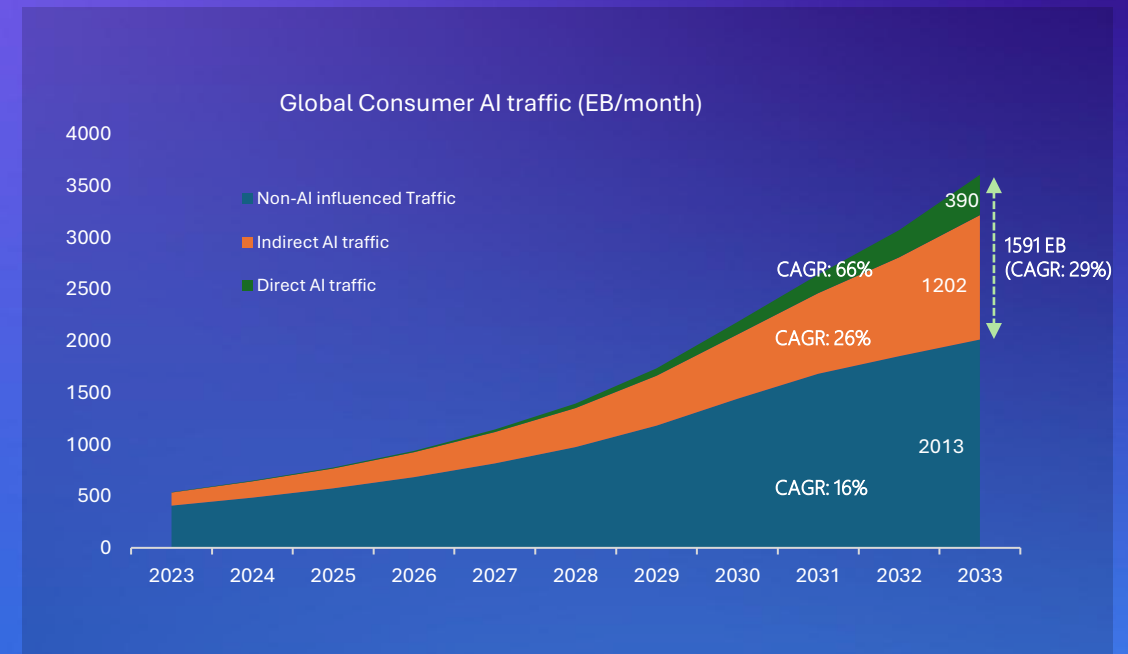
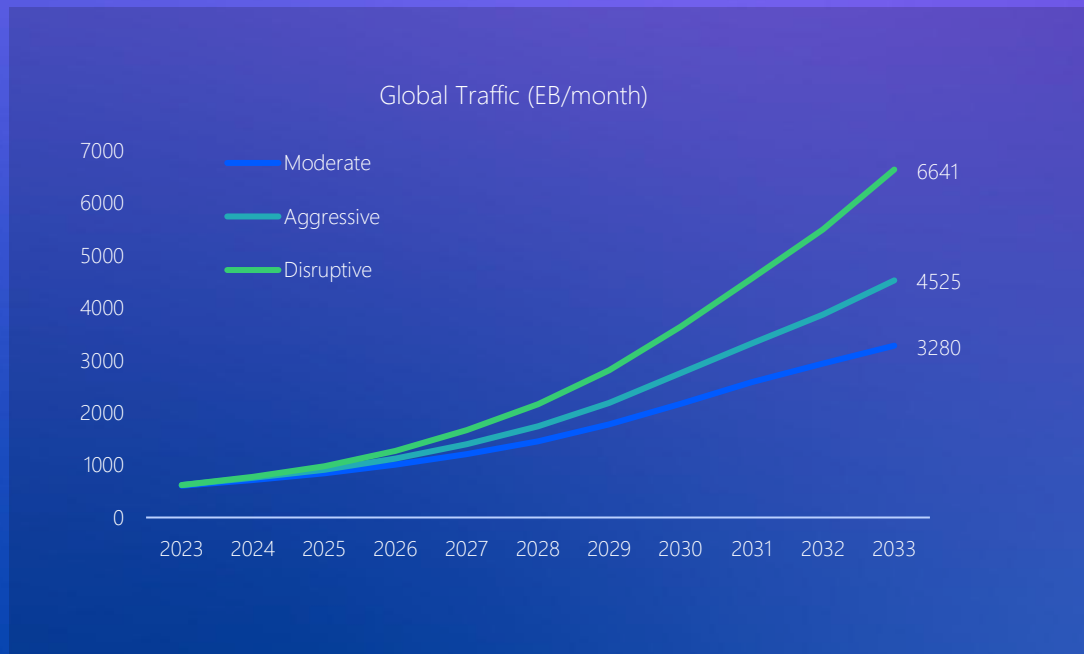
Nokia Bell Labs
pioneers L4S, the
crucial enabler for
large-scale
deployments of
real-time applications

**Satellite (NTN)
connectivity**

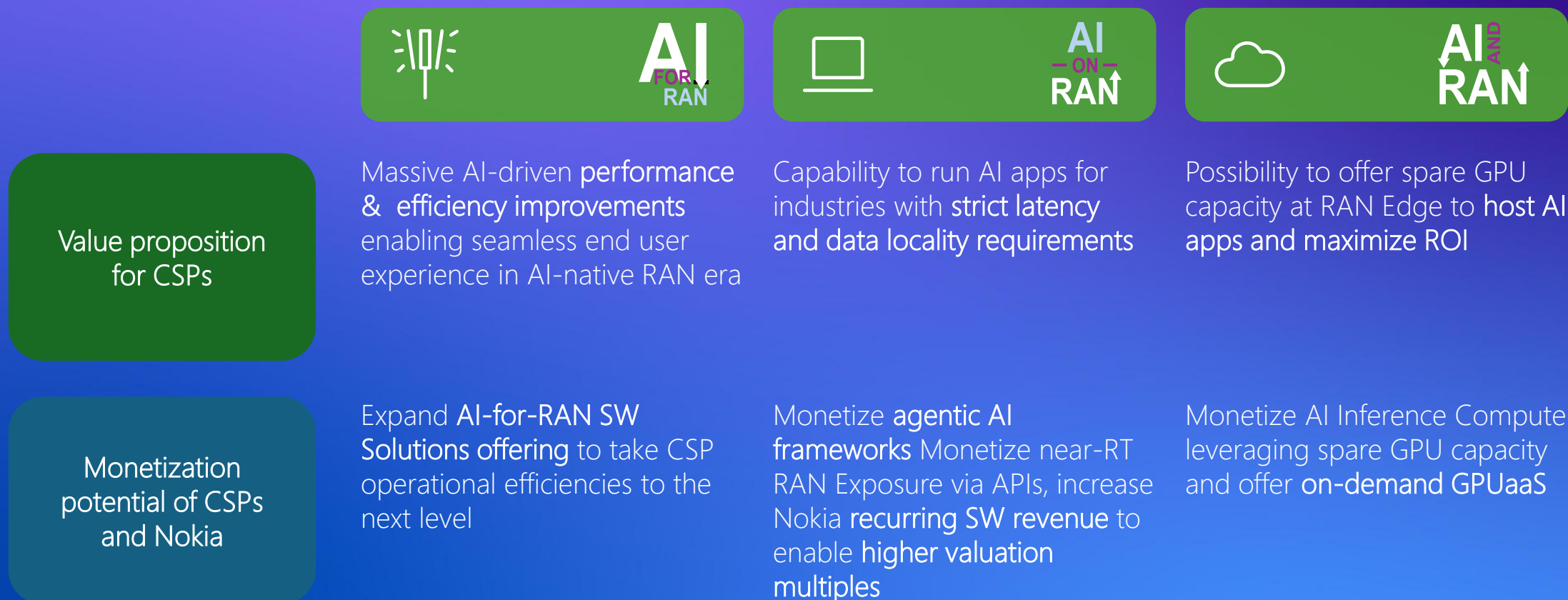


Overall network traffic and impact of AI

Revenue growth doesn't track traffic growth



AI-RAN paves the path to AI-native 6G networks and enables new monetization opportunities for CSPs and Nokia



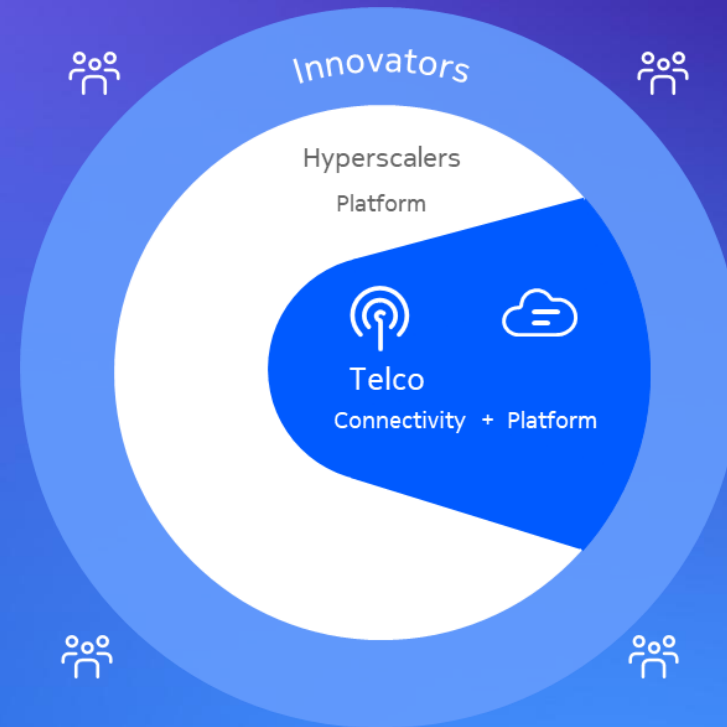
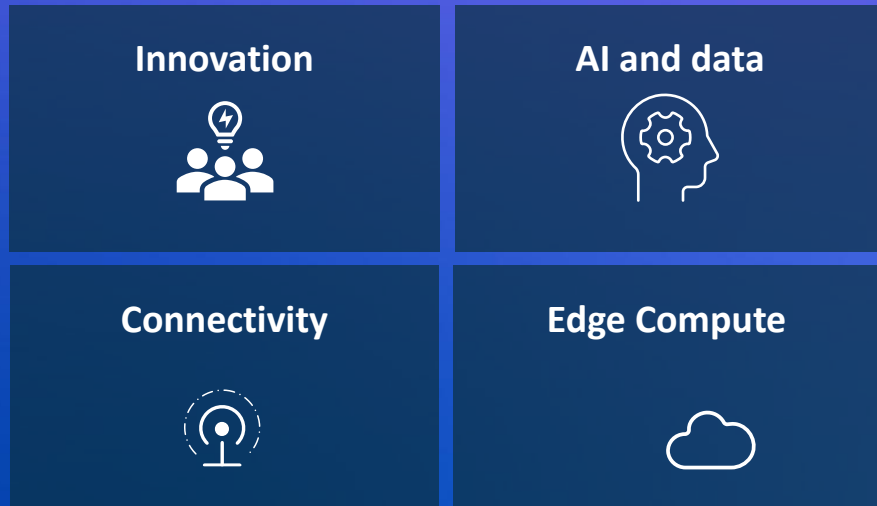
Simplifying AI-RAN for hybrid purpose-built and Cloud RAN

AI-RAN with NVIDIA - Motivation



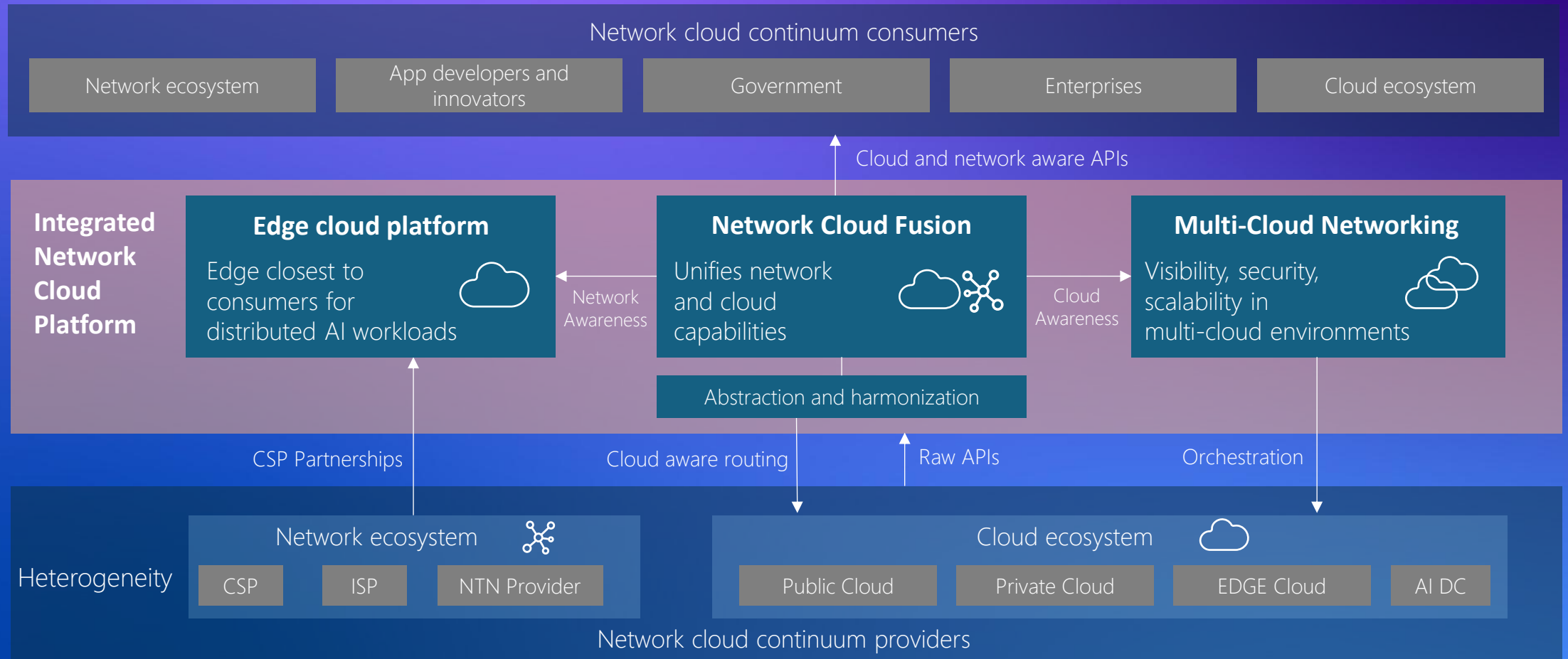
CSP Opportunity to build value.

What began as connected things is becoming connected outcomes



Network cloud continuum ... the platform

Use infrastructure complexity & AI edge expansion to create appealing value propositions





NOKIA