

A background image featuring a complex network of blue lines connecting numerous yellow circular nodes, set against a dark blue gradient. The nodes and lines are scattered across the frame, with a higher density of connections on the right side.

Open Source-ification of Networking & Journey to CNFs

 THE **LINUX** FOUNDATION

142 years old Networking Industry – learnings in last 5 years



The Power of Open & Harmonized Community drives innovation and value



Networking is shaping adjacent communities: Cloud, Edge, AI, IOT, Access



Journey continues with best of both worlds: clouds and telecom with VNFs to CNFs



The Power of Open & Harmonized Community drives innovation and value

- › Open Collaboration + Open Community
- › Open Standards + Open Source

We call it “Harmonization” & Results have been Amazing!
We are seeing the impact in a Trillion dollar industry
Thank you!

Networking is the fabric for Growth & Innovation Across Industries



Automotive

Connected Cars

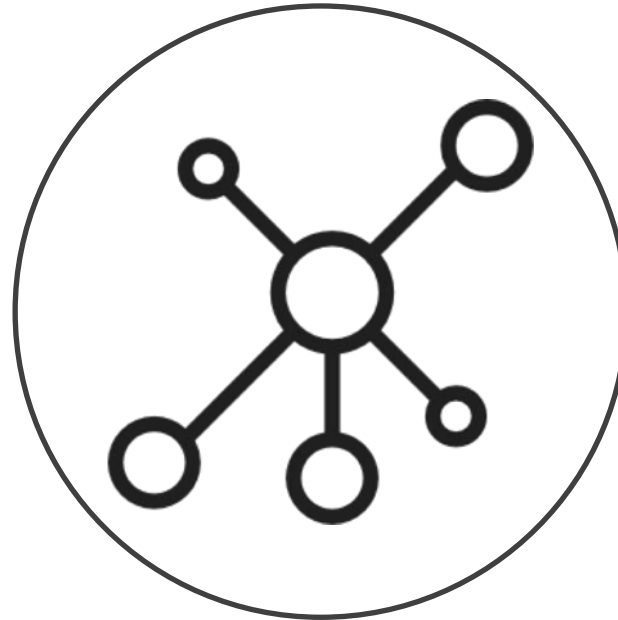
Connected cars market projected to reach USD \$219.21 billion by 2025*



Retail

Connected Stores

82% of smartphone user say they consult their phones for in-store purchases***



Networking

Carrier, Cloud, Enterprise



Energy

Connected Homes

Global Smart Home Market to Exceed \$53.45 Billion by 2022**



Agriculture

Connected Cows

Global Connected Cow and Farm Market Set to Exceed \$10 Billion in 2021****

Linux Foundation Leads Modern Networking Innovation



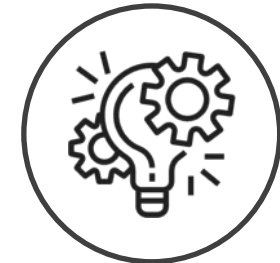
21

Open Source Networking Projects



10/10

Networking Vendors Active



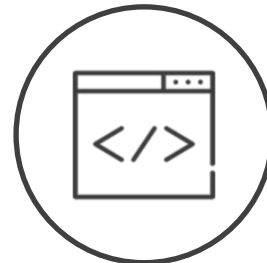
\$576 M

Shared Innovation



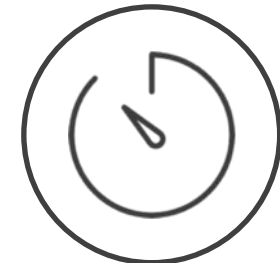
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Most Important Projects



~70%

Global Subscribers Represented



15 Minute

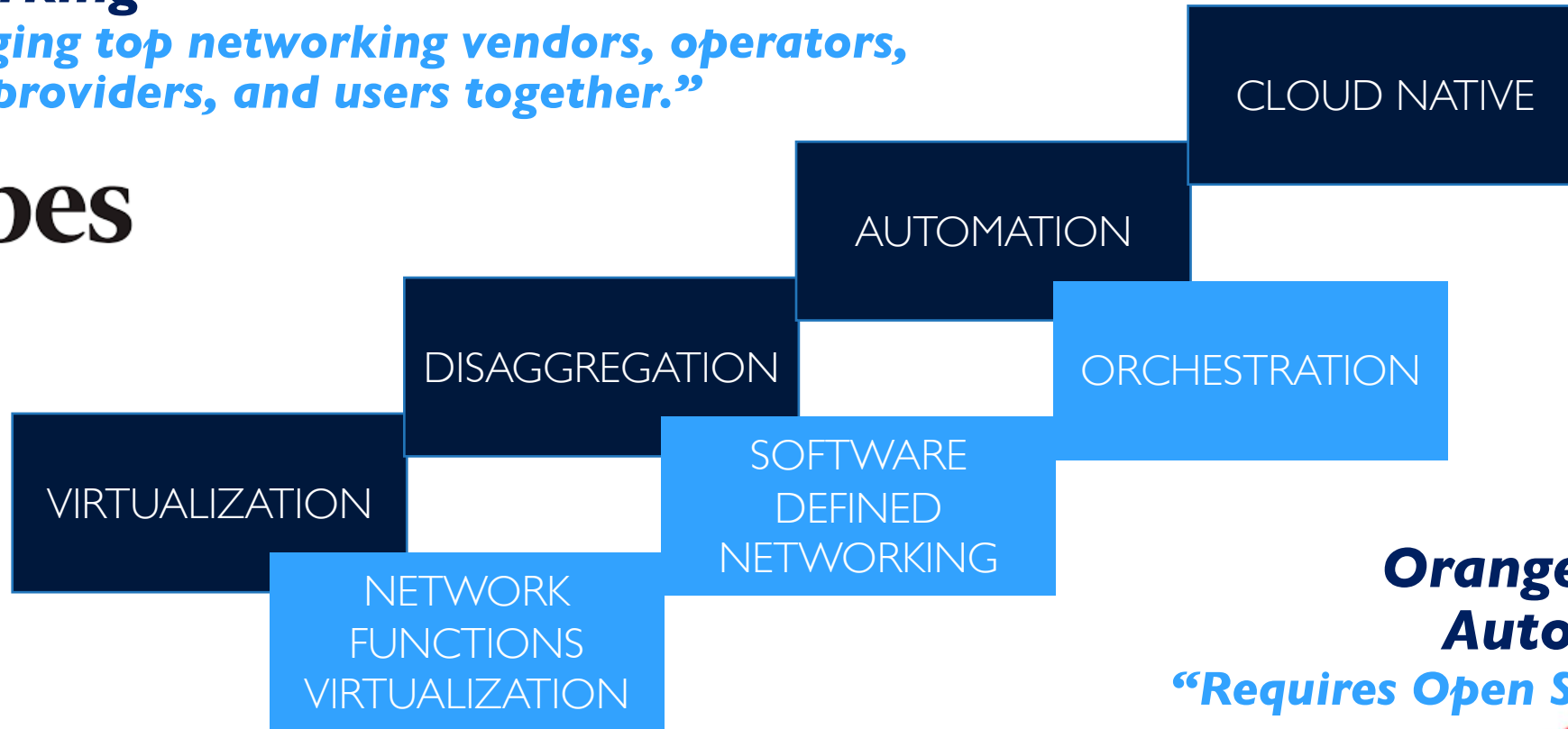
New Service Creation

Leading media and analysts support our leadership

The LF is Changing the Fabric of Networking

“...bringing top networking vendors, operators, service providers, and users together.”

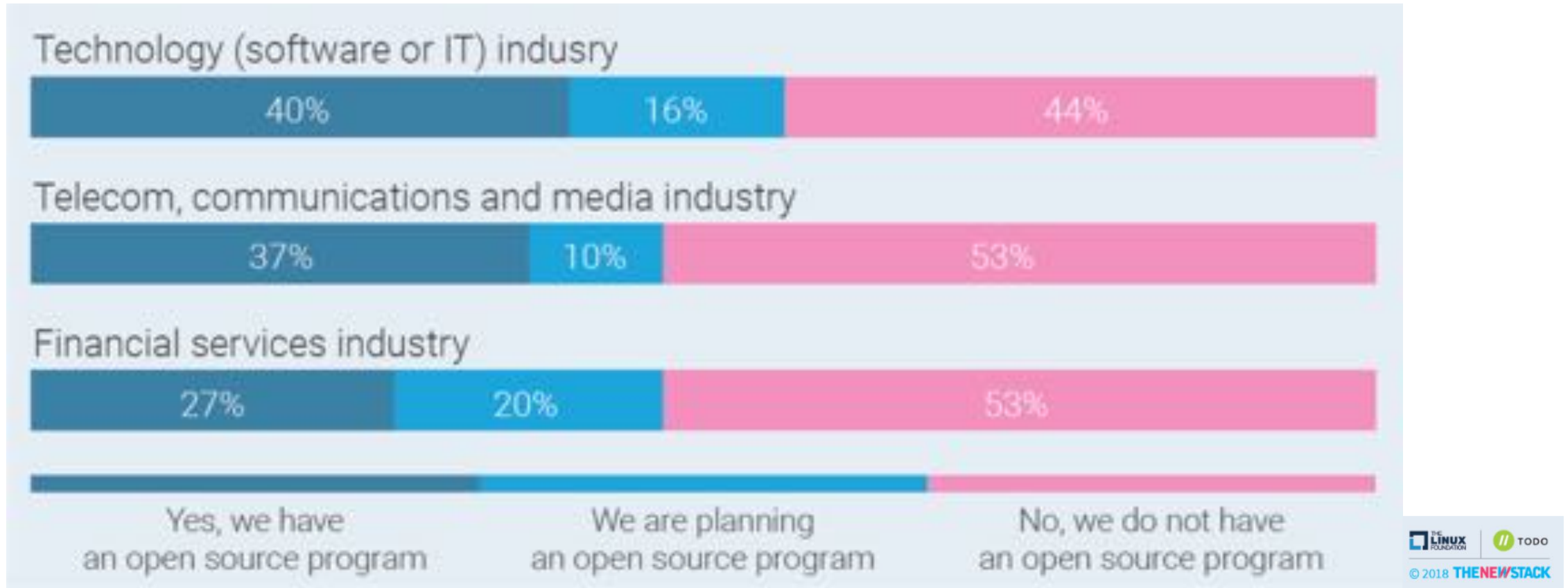
Forbes



Orange plans 5G + Automation RFP
“Requires Open Source/ONAP”

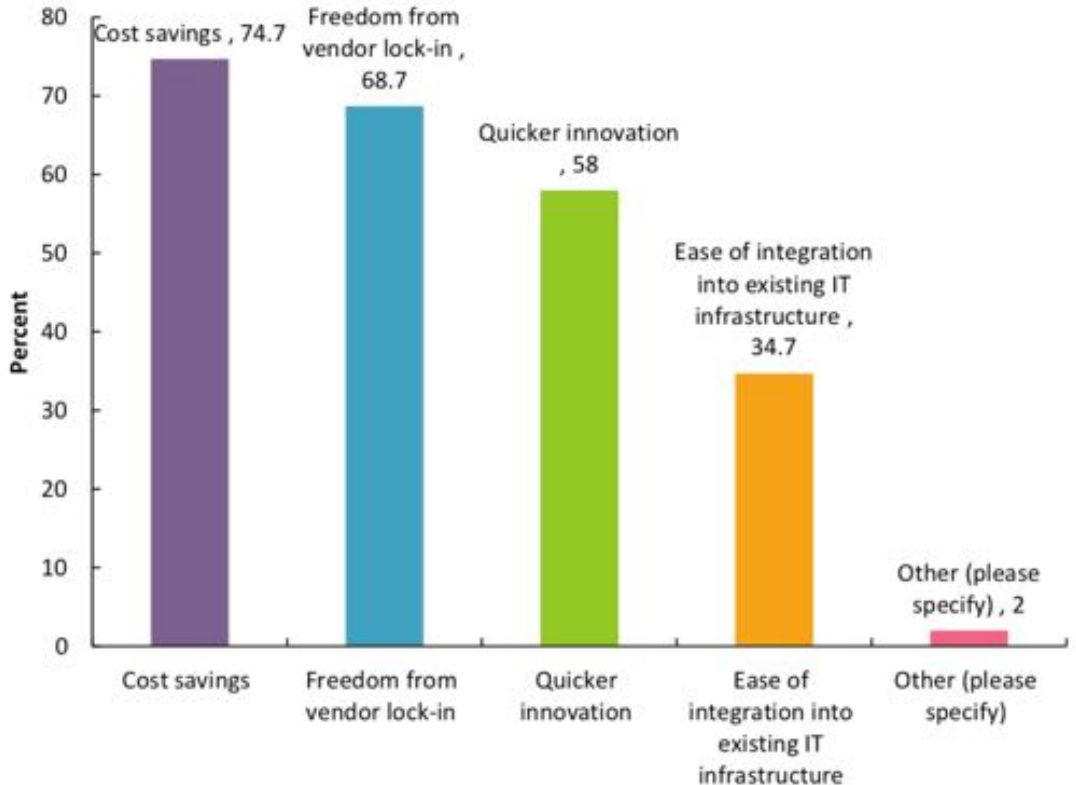


Leading Surveys on Open Source & Networking

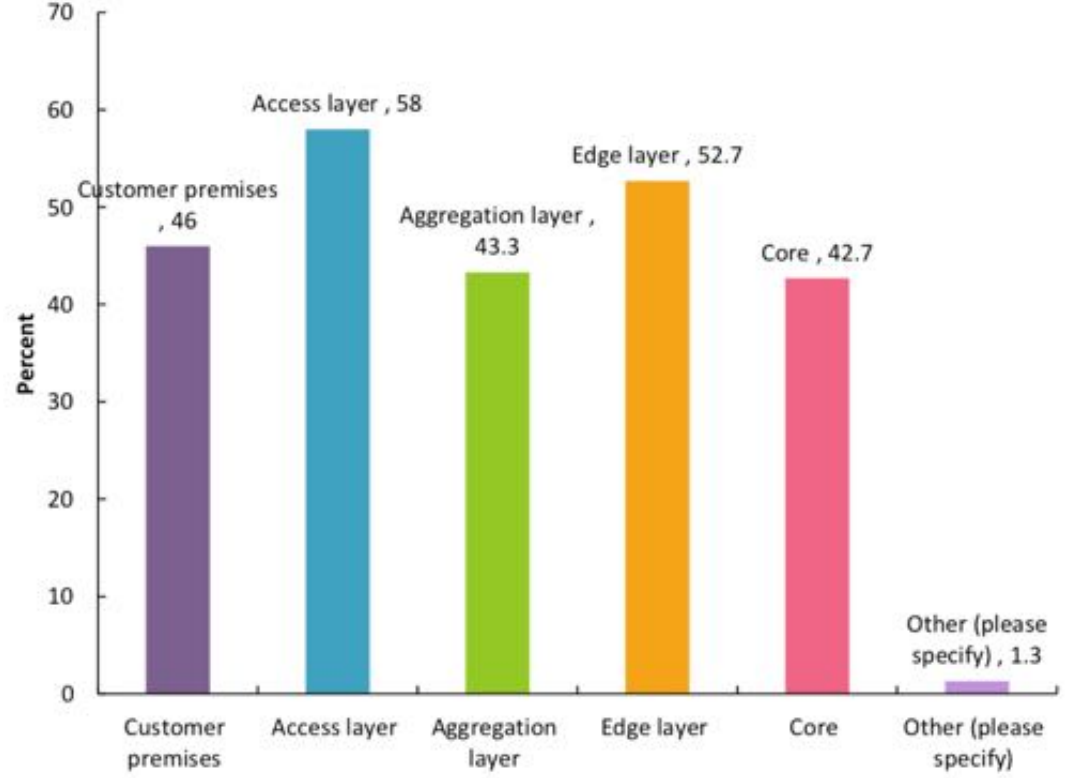


72% of companies rely on open source software across top verticals – technology, telecom and fintech

Leading Surveys on Open Source & Networking



Motivators of Open Networking
End User Driven Innovation



All Layers of Open Network
Core to CPE, Edge & Access next

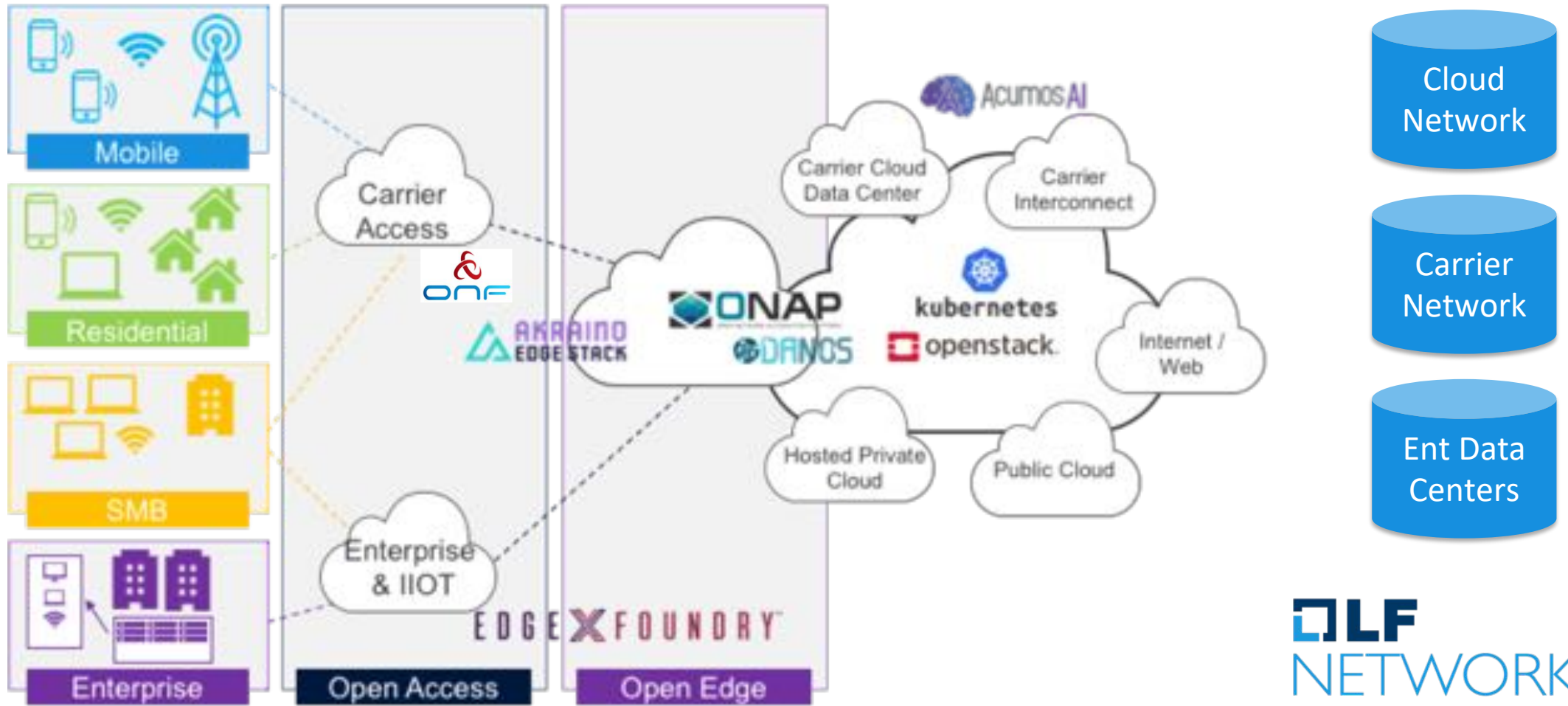
LFN Project Initiatives & Milestones Further Enhance Cross-Stack Integration

- › LFN Compliance & Verification Program Expansion
- › Projects releases forming a fabric of modern network
 - › ONAP PoC: Cross-Domain & Cross-Layer VPN
 - › Tungsten Fabric Carbide and 5.0.1
 - › FD.io 18.07
 - › OpenDaylight Fluorine

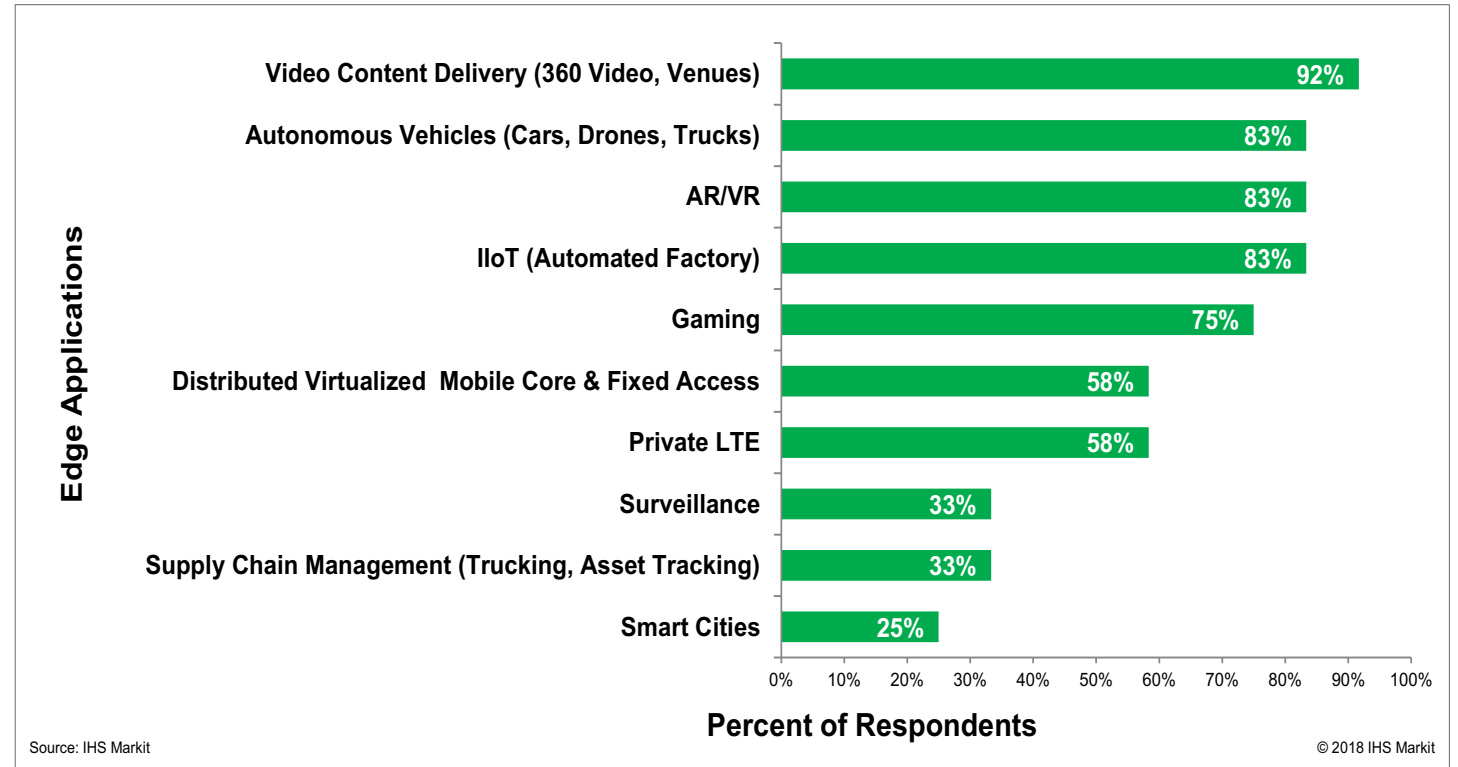


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Networking is shaping adjacent communities Cloud, Edge, AI, IOT, Access



Edge is Hot and IHS survey confirms the need



History repeats itself, *Video (all kinds) is the killer app for Edge*

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Journey continues with best of both worlds
Clouds and Telecom with VNFs to CNFs

Dan Kohn
Executive Director, CNCF

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Journey continues with best of both worlds Clouds and Telecom with VNFs to CNFs

The Linux Foundation Brings Network Automation and Cloud Native Communities Together as Network Functions evolve to CNFs

Leading open source communities spearhead migration from Virtual Network Functions to Cloud-native Network Functions

AMSTERDAM - Open Networking Summit Europe - Sept. 25, 2018 - The Linux Foundation, the nonprofit organization enabling mass innovation through open source, today announced further collaboration between telecom and cloud industry leaders enabled by the Cloud Native Computing Foundation (CNCF) and LF Networking (LFN), fueling migrations of Virtual Network Function (VNFs) to Cloud-native Network Functions (CNFs).

ONS2018

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