

## Edge: Tomorrow's Network Today

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Data Center Group Network Platforms Group Intel Corporation

# New Business Models Are Driving An Explosion Of Data Which is Putting New Demands on the Network



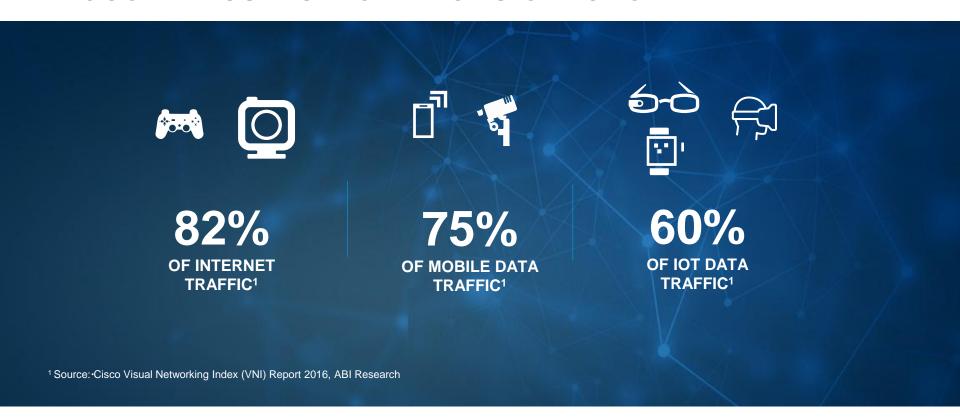
¹https://www.cisco.com/c/en/us/solutions/service-provider/vni-network-traffic-forecast/infographic.html

<sup>&</sup>lt;sup>2</sup>Amalgamation of analyst data and Intel analysts.

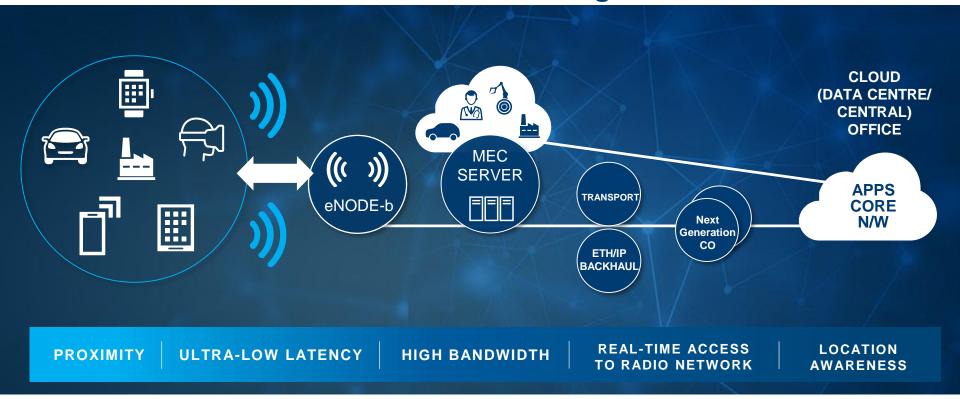
<sup>&</sup>lt;sup>3</sup>https://itpeernetwork.intel.com/data-center-holds-keys-autonomous-vehicles/

<sup>4</sup>https://newsroom.intel.com/news/2018-ces-keynote-intel-brian-krzanich/

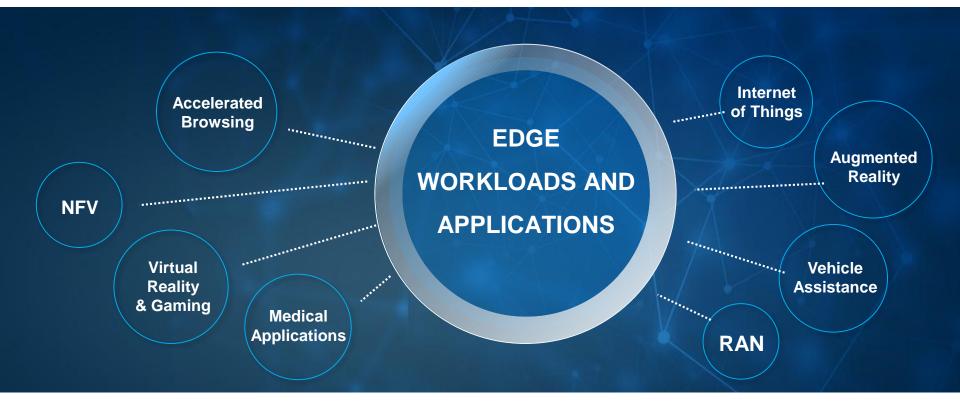
### Video Drives Network Transformation

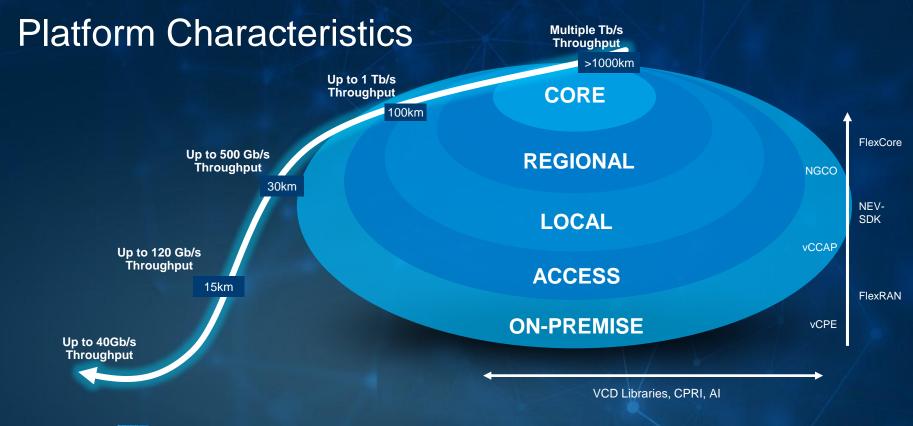


### Transformation From Core To Edge



### Edge Can Provide Value For Latency Sensitivity



















**Xpoint** 



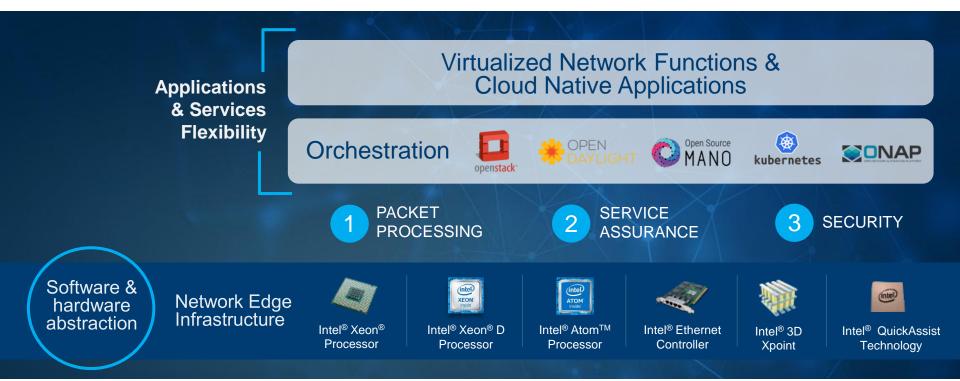




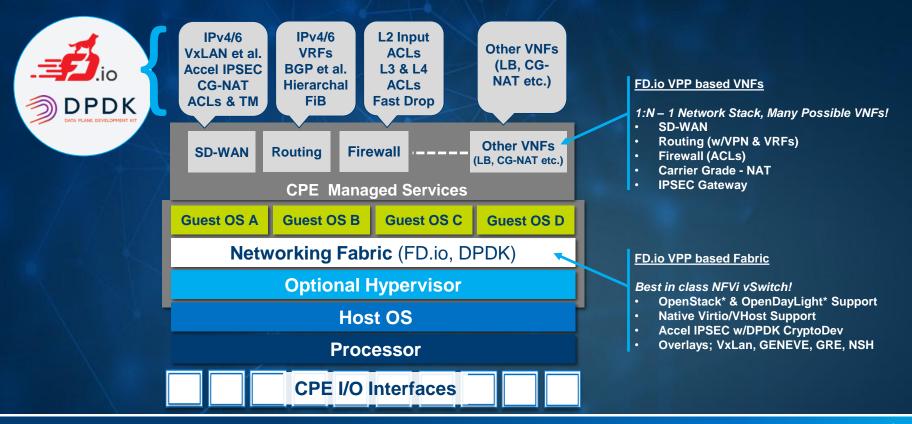


Intel® Resource Director

### Network Edge Platform Infrastructure



### FD.io vCPE Reference Stack



#### **CLOUD SERVICES**

### NETWORK INFRASTRUCTURE

FLEXIBLE, AUTOMATED, SECURE AND ASSURED SERVICE DELIVERY









We Are in the Middle of Network Transformation

Proprietary
Fixed Function
Inflexible

### Invest, Enable and Collaborate with Partners



260+
Member
Companies

2500+
Developers
worldwide

82
Unique partners solutions POCs / Trials/ Deployments

3800+
Developers
trained

174k Page views

CLOUD READY NETWORKS FOR

**5G & IOT** 







### **INVEST**

Open Source and Standards

### **COLLABORATE**

Intel® Network Builders<sup>1</sup> Intel® Developer Zone<sup>2</sup>

### **ENABLE**

**End Users** 



### Agenda – Deep Dive sessions/Hands on Labs

DPDK/FD.io	2:00-2:20 pm	VPP/FD.io synergy with DPDK – Performance Secret Sauce (Talk)
	2:20-4:00 pm	Kubernetes Networking with Contiv-VPP CNI plugin (Talk and Lab))
OPNFV/ONAP	2:00-4:00 pm	ONAP/OPNFV: Enablers for Cloud Service Providers and Enterprise (Talk and Lab)
OpenDaylight and Kubernetes	2:00-4:00 pm	Kubernetes Networking with OpenDaylight COE (Talk and Lab)

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