

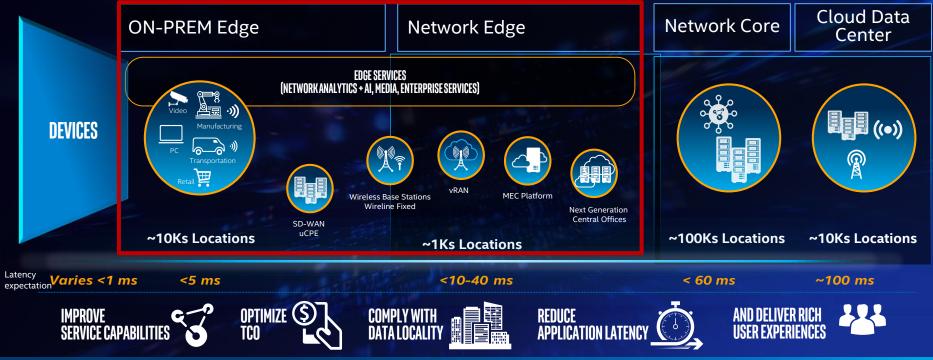
INTRODUCTION TO OPEN NETWORK EDGE SERVICES SOFTWARE (OPENNESS)

Prakash Kartha, Segment Director, Edge Services

Intel Corporation

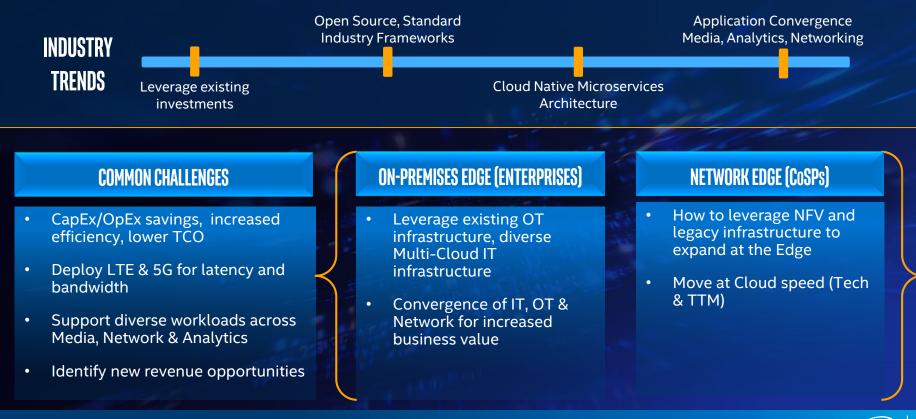
RISE OF THE INTELLIGENT EDGE

Edge computing: Placement of Data Center-grade network, compute & storage closer to the endpoint devices

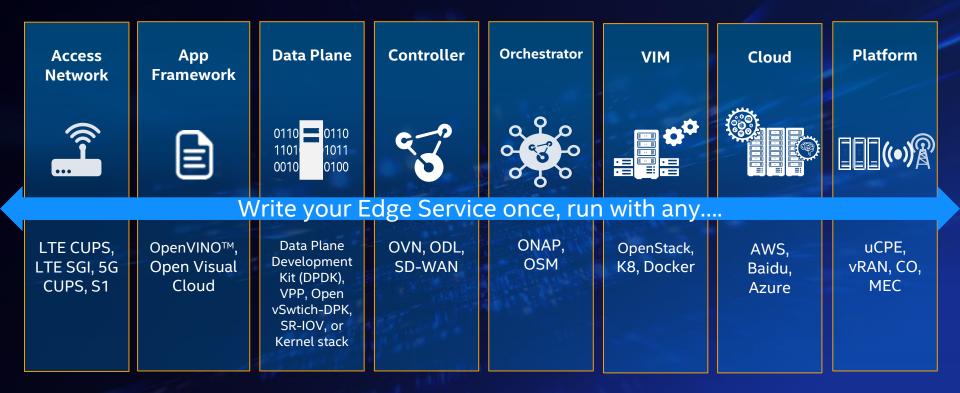


intel

SERVICES AT THE EDGE: INDUSTRY DYNAMICS



SERVICES AT THE EDGE: THE CHALLENGE STATEMENT

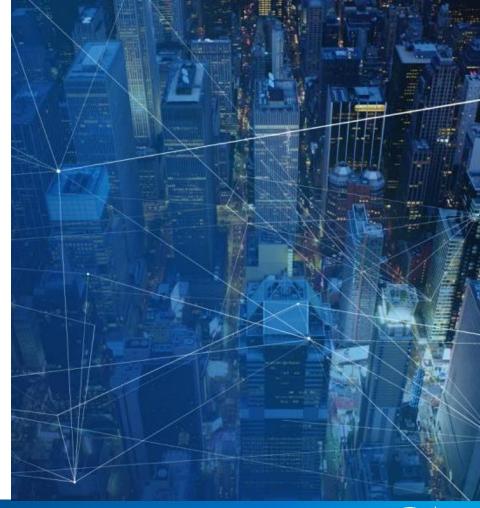




OPENNESS

An open source software toolkit to enable easy orchestration & management of edge services across diverse network platform and access technologies in multi-cloud environments

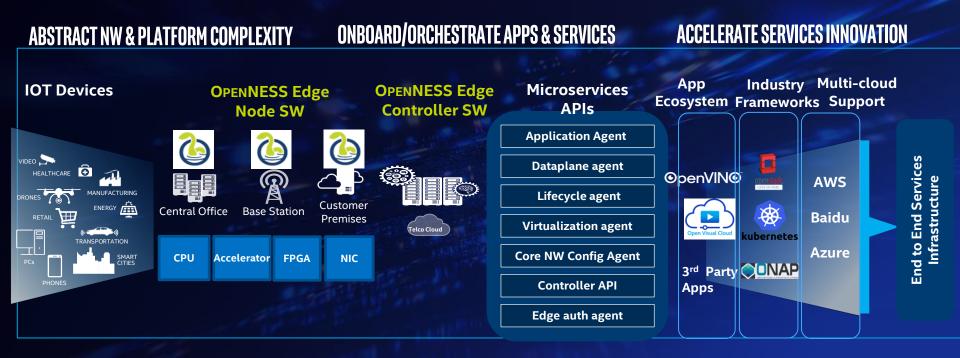






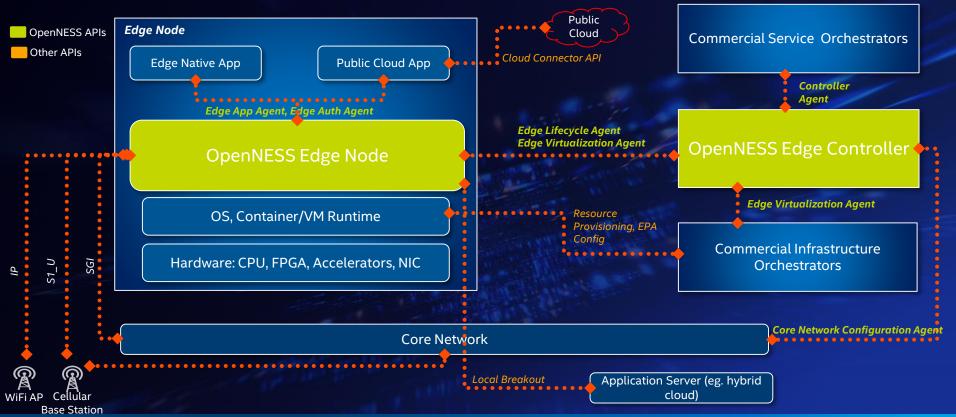
OPEN NETWORK EDGE SERVICES SOFTWARE (OPENNESS)

An open source software toolkit to enable easy orchestration & management of edge services across diverse network platform and access technologies in multi-cloud environments





OPENNESS: MICROSERVICES BASED ARCHITECTURE





OPENNESS: VALUE PROP TO SERVICE PROVIDERS

Open Source

- Faster TTM
- Rapid prototyping & trial
- Optimized for Edge Services Management
- Broad industry innovation
- Invest in differentiation only

Flexible

 Leverage your existing infrastructure Modular architecture; adopt what you need • Support for major industry frameworks

Rich Ecosystem

• Rich ecosystem options of OS, Orchestrators, Apps, ... • Pre-integrated with major commercial offerings



OPENNESS: VALUE PROP TO THE DEVELOPERS

Application Developer

- Transport apps from Cloud to Edge
- Write once deploy anywhere on the Edge
- Match make platform and apps

Facilitates extending apps from cloud to Edge - abstract complexity



Platform Developer

- Orchestrate Edge Services at scale
- Access to real-time telemetry
- Application service chaining
- Commercial versions in the making
- Flexibility of microservices architecture

Makes network platforms Edge Services aware



HOW TO GET STARTED

Free Software Download

Training

Commercial Releases for Faster TTM Get access to Open Network Edge Services Software (OpenNESS) at <u>OpenNESS.org</u>

Documentations:

- <u>Architecture Overview</u>
- User Guides
- OpenNESS White Paper
- OpenNESS Overview Webinar/Video
- Other Developer Resources <u>here</u>
- Available for Enterprises
- Commercial versions in the making
- Intel[®] Network Builder University Training
- Partner Webinars in the making



10

Notices and Disclaimers

No license (express or implied, by estoppel or otherwise) to any intellectual property rights is granted by this document.

Intel disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade.

This document contains information on products, services and/or processes in development. All information provided here is subject to change without notice. Contact your Intel representative to obtain the latest forecast, schedule, specifications and roadmaps.

The products and services described may contain defects or errors known as errata which may cause deviations from published specifications. Current characterized errata are available on request.

Intel, the Intel logo, are trademarks of Intel Corporation in the U.S. and/or other countries.

*Other names and brands may be claimed as the property of others

© Intel Corporation.



