Network Transformation Fuels Growth of 5G & the Edge

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Industry Inflections Driving Growth

5G Network Transformation

AI Revolution

EDGE Explosion

Cloudification of Everything
Intel is Transforming the Network

Workload Convergence
Server-based networking

Intel® Ethernet
Intel® Silicon Photonics
Intel® Tofino

Intel® Xeon
Intel® Optane
Intel® Atom
Intel® Stratix 10
Intel® eASIC

Standards & Software
Cloudification of the network

DPDK
Cloud Native Computing Foundation
ETSI
kubernetes
Telecom INFRA Project
LINUX
FlexRAN
openNESS
Open Visual Cloud
openVINO

Vast Ecosystem
Innovation and collaboration

CoSPs, CSPs, OEMs, ODMs, TEMs, ISVs, OSVs, SIs

Intel® Network Builders
Enabling Network Transformation in the 5G Era

- Bandwidth
- Latency
- Security
The Path to Edge

By 2025, **75 percent** of data will be created outside of central data centers.

Summary

- **Our Opportunity**
  5G will transform industries

- **Industry Inflections**
  5G, AI, Intelligent Edge, Cloudification of everything

- **Ecosystem collaboration is critical**
  Intel delivering solutions through an unrivaled ecosystem
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