Introduction to Intel

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Bridging physical and digital worlds with

Our Technology Superpowers

Ubiquitous =

Products

Accelerators

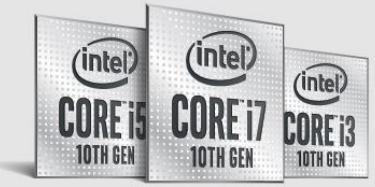
Intel® Myriad™ X

Intel® Agilex™ FPGA

Mobileye EyeQ4

Platform products

Intel® Xeon® E processor



10th Gen Intel® Core™ processor

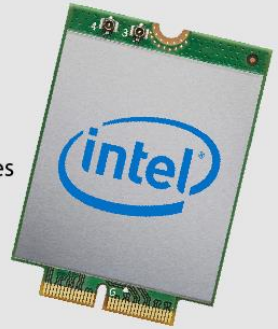
9th Gen Intel® Core™ vPro™ processor

Boards and systems

Intel® NUC

Connectivity

Intel® Wi-Fi 6 series



Memory and storage

Intel® Optane™ SSD

Intel® Optane™ DC persistent memory

We create world-changing technology that improves the life of every person on the planet.

Network Core to Edge

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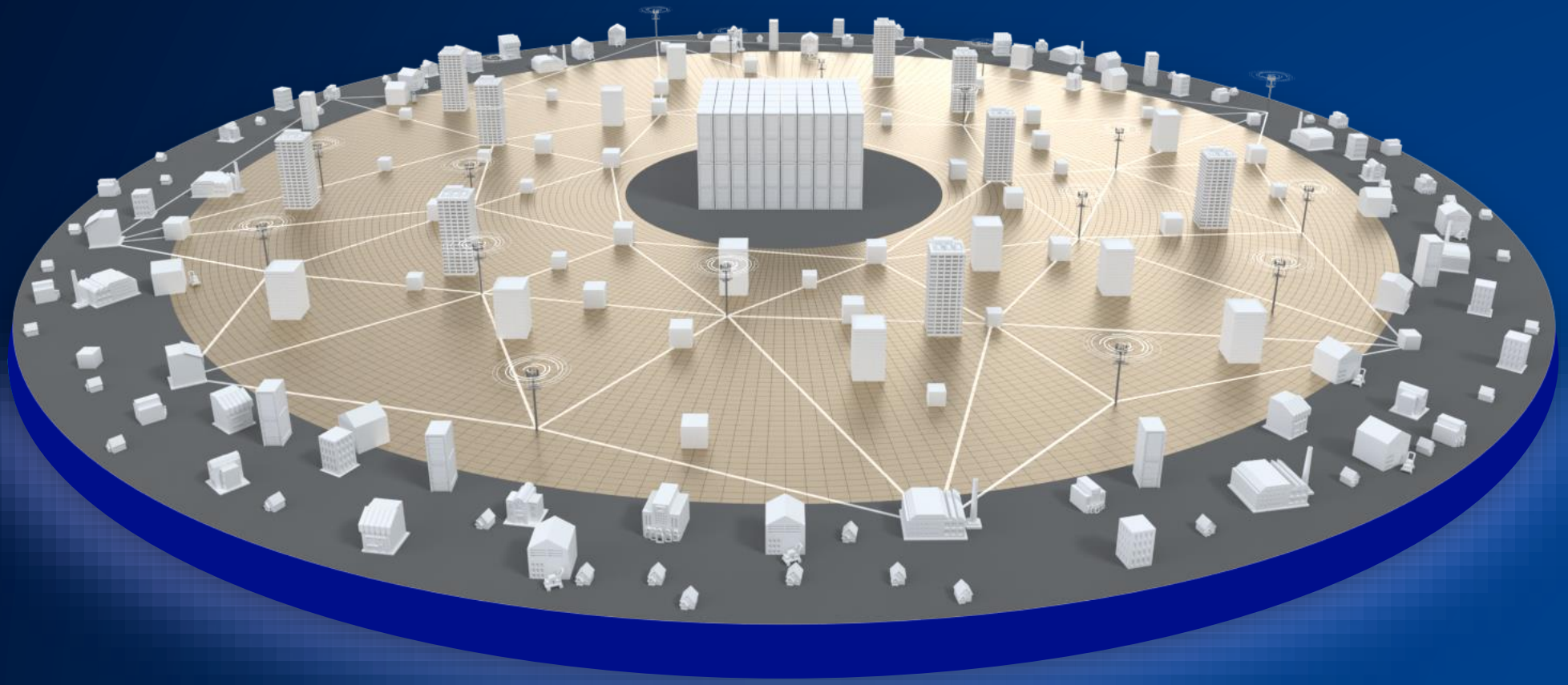
Every aspect of human existence is becoming more digital creating an era of

sustained, long-term demand

- Ubiquitous Compute
- Cloud-to-Edge Infrastructure
- Pervasive Connectivity
- Artificial Intelligence

THE PATH TO EDGE

The Era of Distributed Intelligence



Shift of Data to the Edge

>50%

Enterprise-generated data outside of central data centers by 2025[1]

75%

of data created will come from edge infra and endpoints by 2025[2]

1. Gartner, Predicts 2022: The Distributed Enterprise Drives Computing to the Edge, Thomas Bittman, Bob Gill, Tim Zimmerman, Ted Friedman, Neil MacDonald, Karen Brown, 20 Oct 2021
2. IDC, July 2021, Computing Architecture Technology Trends for Edge Infrastructure and IoT Endpoints in the Global DataSphere

Network & Edge

Powered by the Software Defined Transformation

Network

Network & Edge

Cloud Networking

Intelligent Network Fabrics that unleash compute performance at cloud scale

Enterprise & 5G Network Platforms

Network Compute from Data Center to Edge

Internet of Things

Business Intelligence (and AI) to the Edge

Fixed Function Hardware

Tightly Coupled Embedded Software

Programmable General Purpose HW

Software Defined Infrastructure

*Source: Intel Investor Meeting, May 2022

Industry Sector Transformation

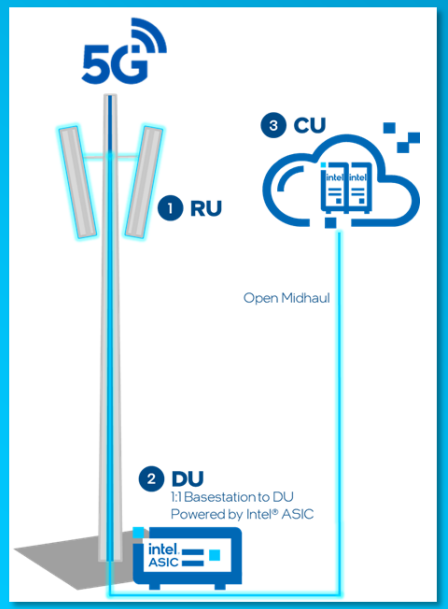
SOLVE INDUSTRY SPECIFIC CHALLENGES

ENABLE OPEN PLATFORMS FOR DEVELOPERS

DELIVER SOLUTIONS WITH ECOSYSTEM

Telecom Example

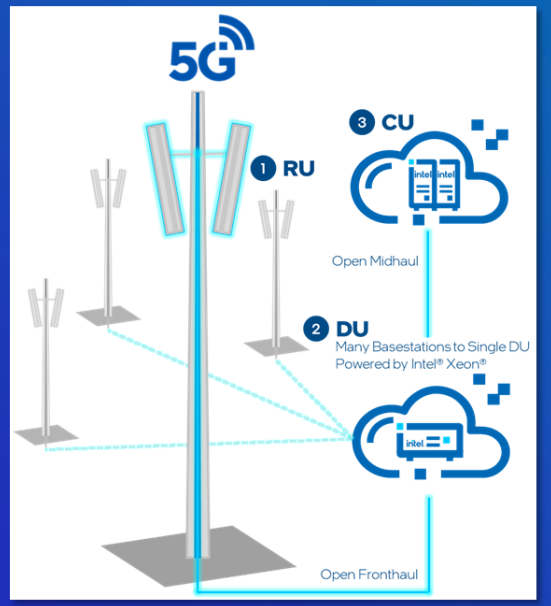
Traditional RAN



Proprietary, purpose-built and **customized** solutions for TEMs

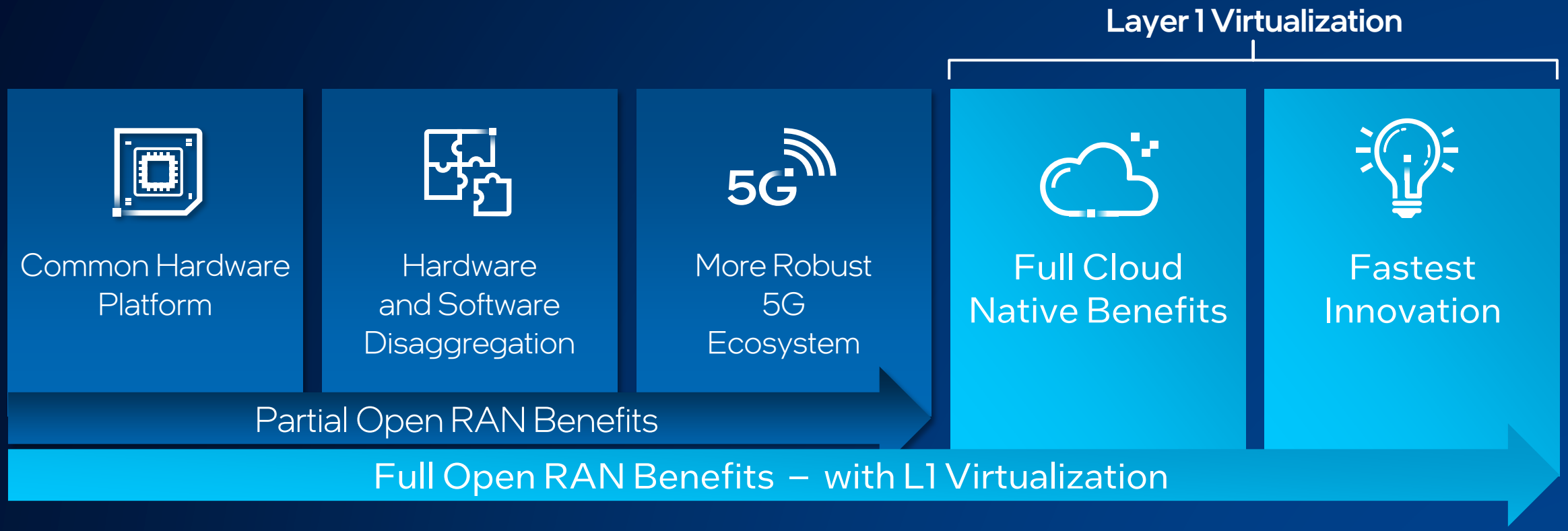
1 **RU:** Radio Unit
2 **DU:** Distributed Unit
3 **CU:** Centralized Unit

Virtual RAN (vRAN)



Implementation of technologies leveraging **standard server-based architecture plus software** to perform traditional RAN functions

Telecom Example

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