

Joint IAFI-5GIF Workshop on Looking Beyond 5G – 15-16 September 2021

Beyond 5G

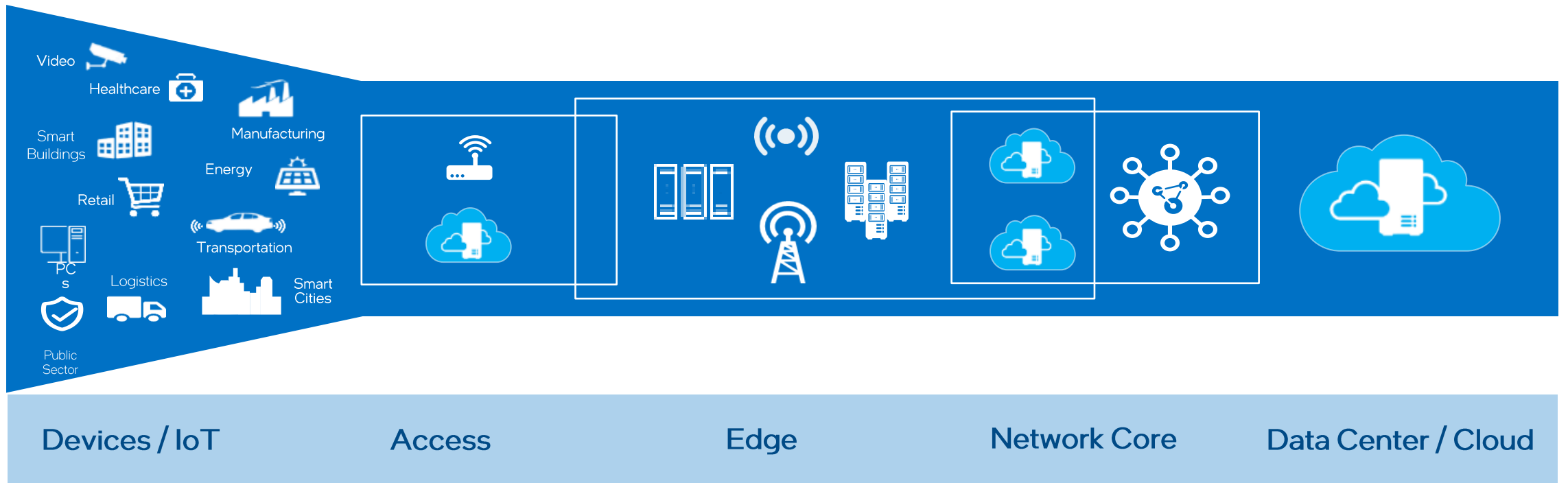
Reza Arefi

Intel Corporation

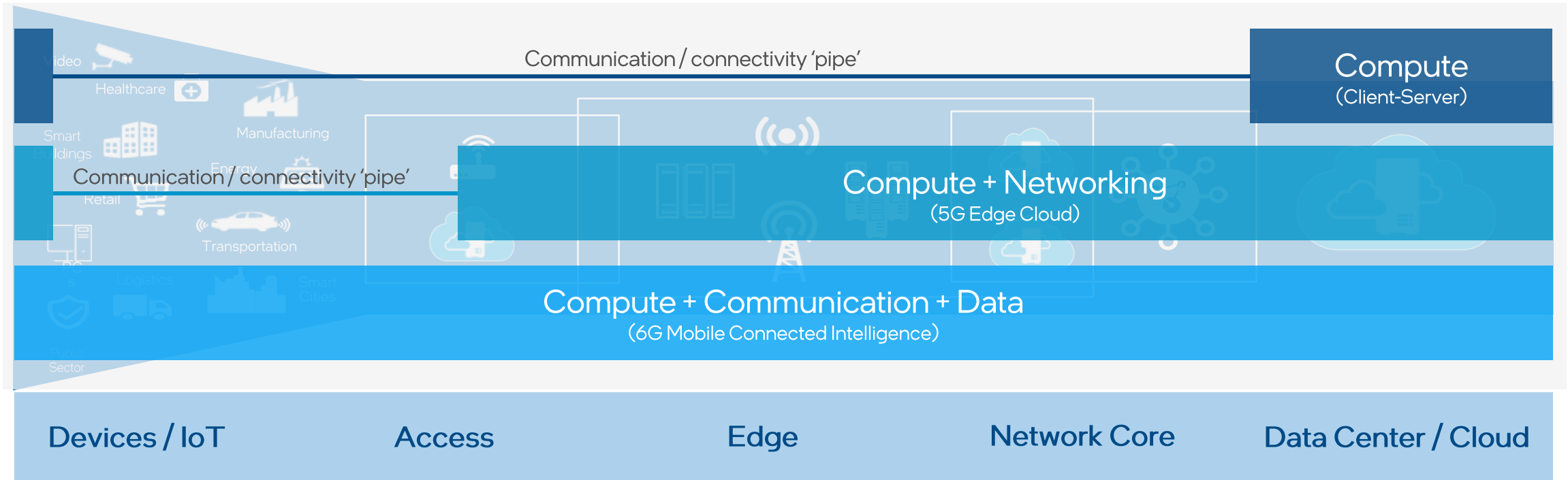


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Next Generation Technology Focus – Beyond 5G



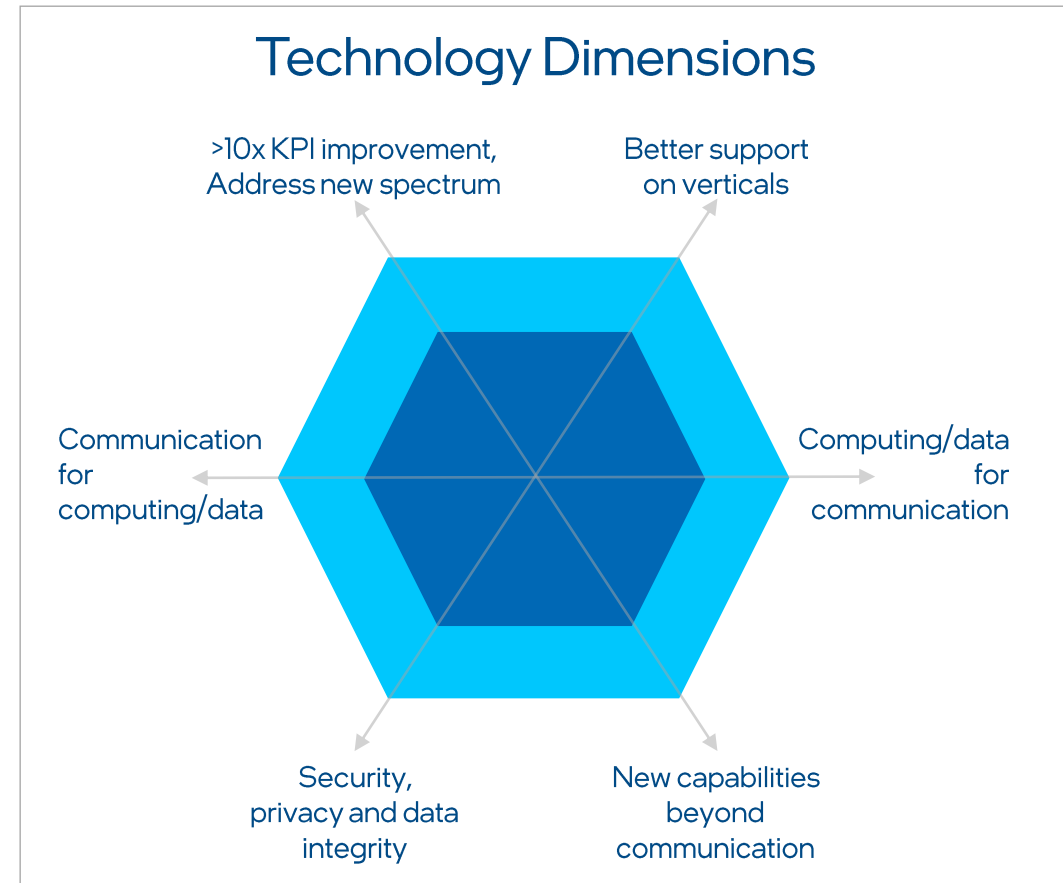
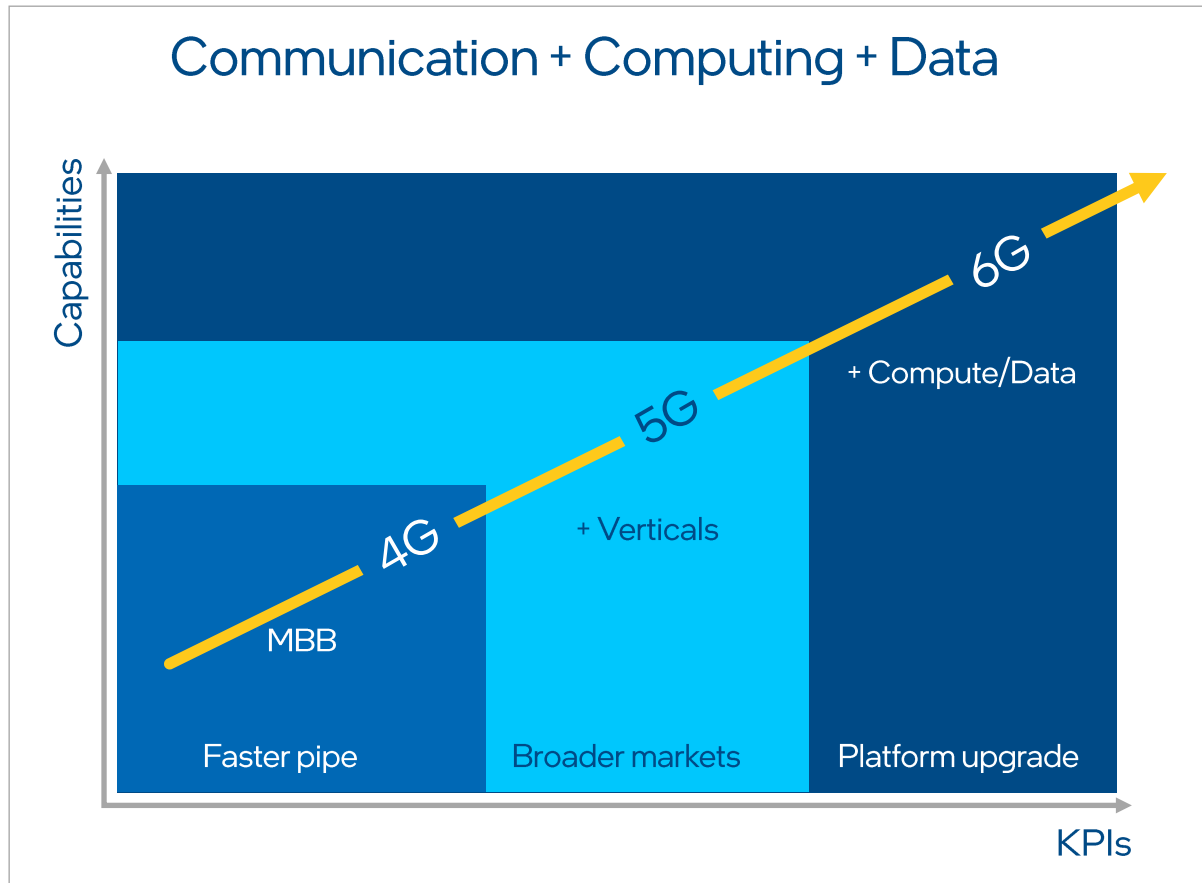
Next Generation Technology Focus – Beyond 5G



Scaling out Computing across Cloud Center, Cloud Edge, Network Edge, and Devices

- Scaling out device computing capabilities beyond its physical limitations

Beyond 5G: Framing Expectations for the Next Generation System



Beyond 5G: Industry Fora & Research Initiatives



IOWN (Innovative Optical and Wireless Network) Global Forum

- Technology development for next generation optical and wireless networks. Intel chairs the Technology Steering Committee and the Marketing Steering Committee, leading forum's technology roadmap definition and industry communication strategies



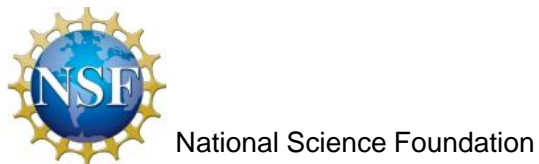
Next G Alliance

- Next G Alliance, an initiative to advance North American mobile technology leadership over the next decade through private sector-led efforts. Intel is a founding member.



European 6G Flagship Project Hexa-X

- Hexa-X vision is to connect human, physical, and digital worlds with a fabric of 6G key enablers. Intel aims to share its expertise on 5G, Compute, Data, AI and Edge through this project.



US NSF RINGS Program (Resilient & Intelligent NextG Systems)

- Program aims to accelerate research in emerging Next Generation (NextG) wireless and mobile communication, networking, sensing, and computing systems, along with global-scale services, with a focus on the resiliency of such networked systems. Intel is a founding member.