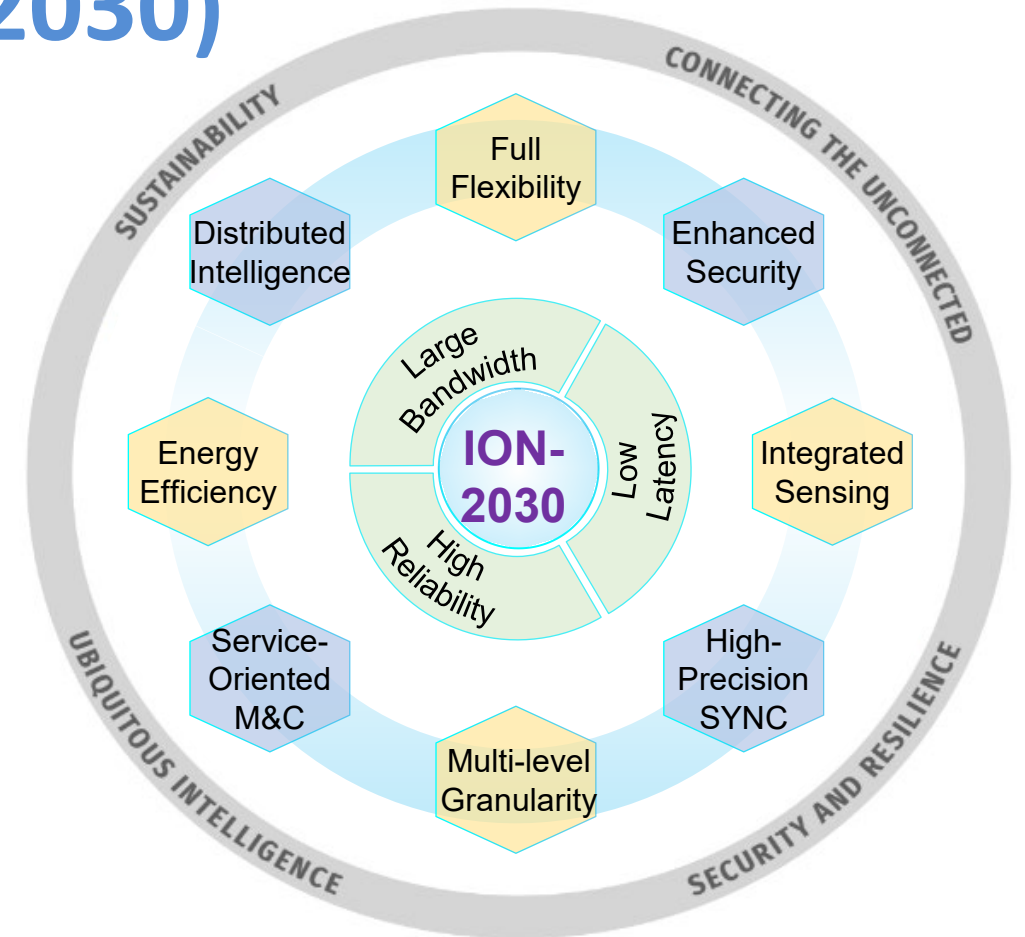


Session 1 – Introduction - AI Applications

ITU-T ION-2030 Framework

International Optical Networks towards 2030 and beyond (ION-2030)

- ION-2030 is a strategic framework developed by ITU-T Study Group 15 to guide the evolution of international optical networks and considers trends in AI, data centres, and broadband access.
- <https://www.itu.int/hub/2026/02/ion-2030-enabling-the-intelligent-optical-network-era/>



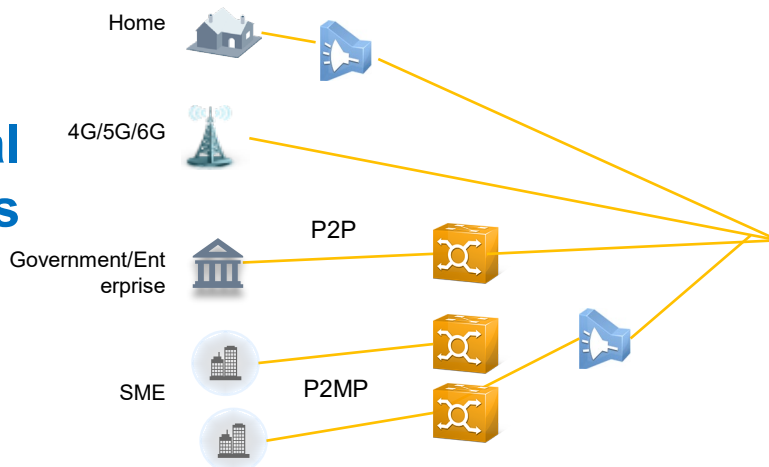
Mutual empowerment of AI and optical connectivity

AI for network

AI applications enhance network design and control



Optical services

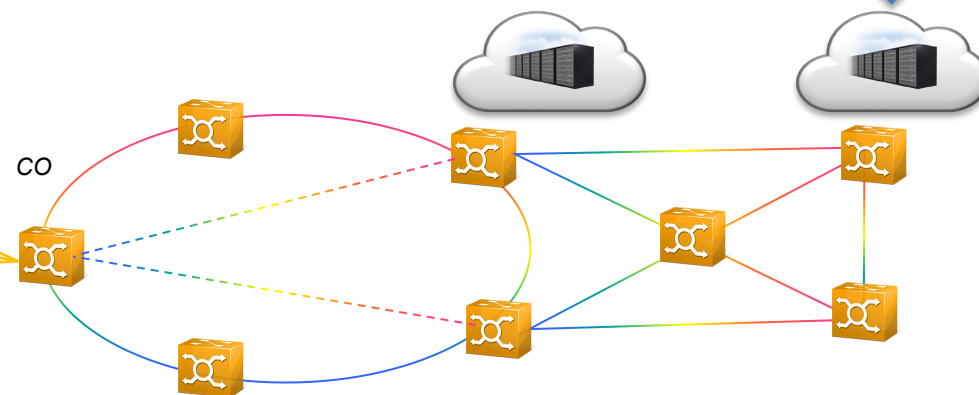


Network for AI

Optical connectivity as part of compute infrastructure for AI



Data centers



Optical networks

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