

Spectrum management with a user-centric approach

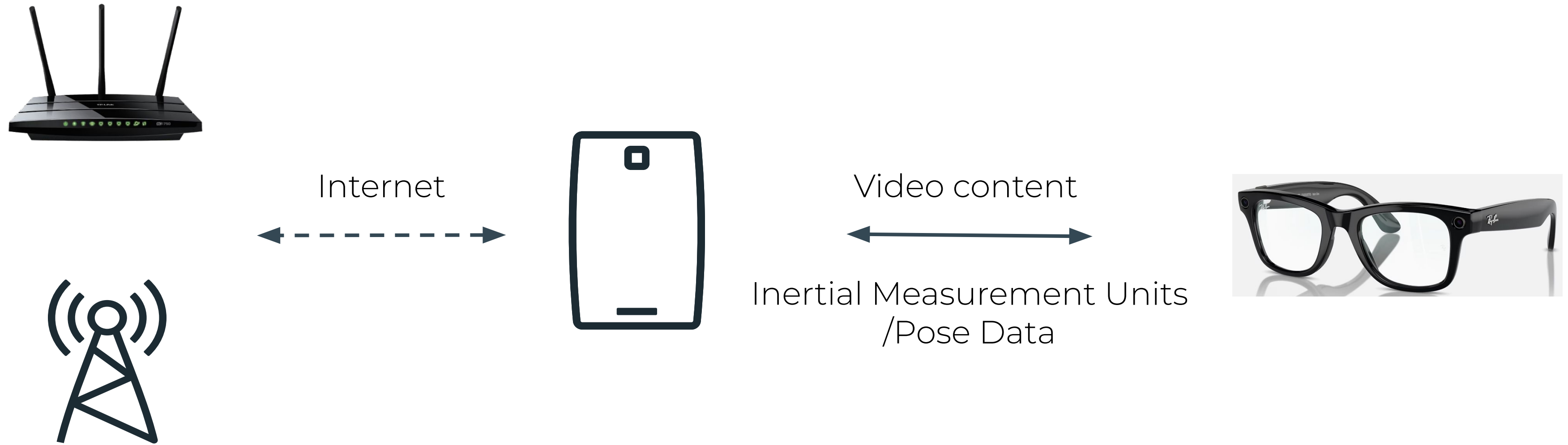
An AR/VR study case

01 User centric connectivity



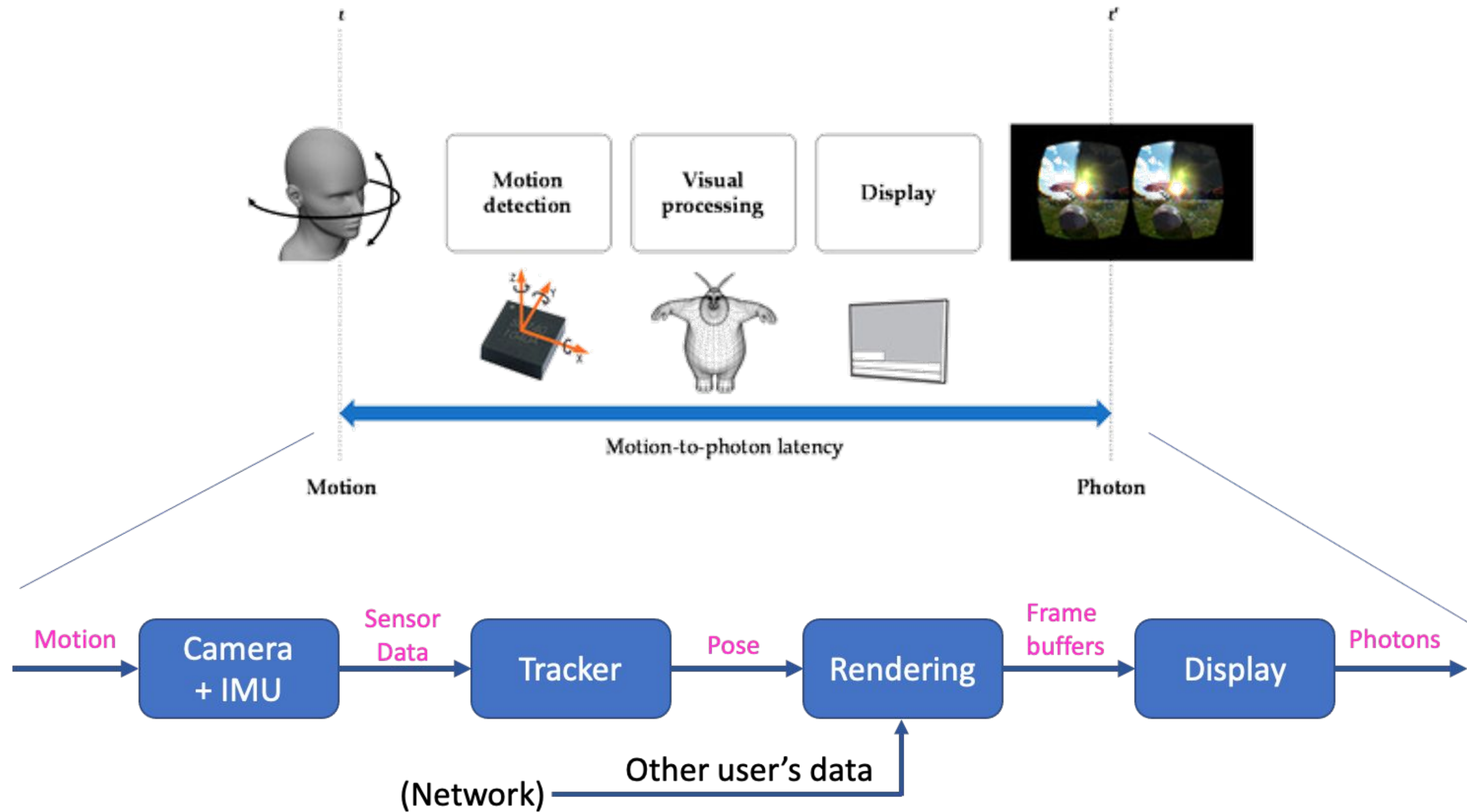
AI Smartglasses Use Case

02 How AR works



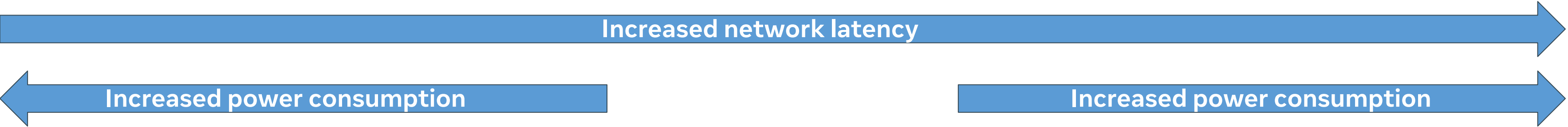
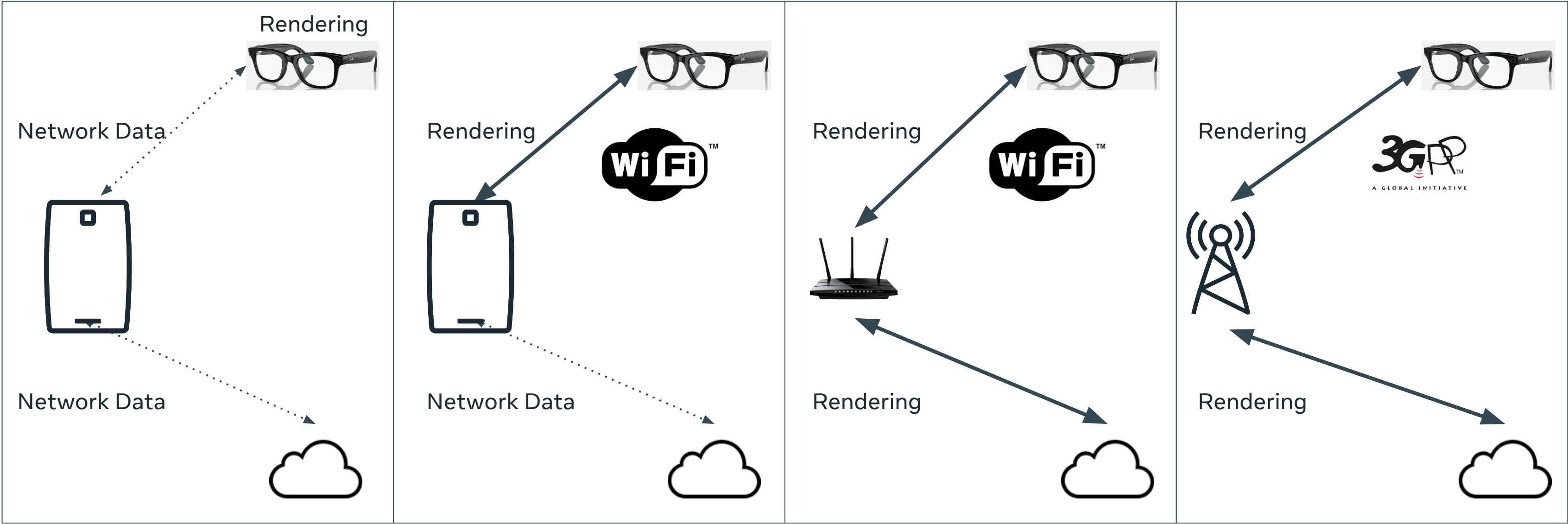
AR Rendering relies on Wi-Fi
AR Rendering is interference limited

03 AR image processing



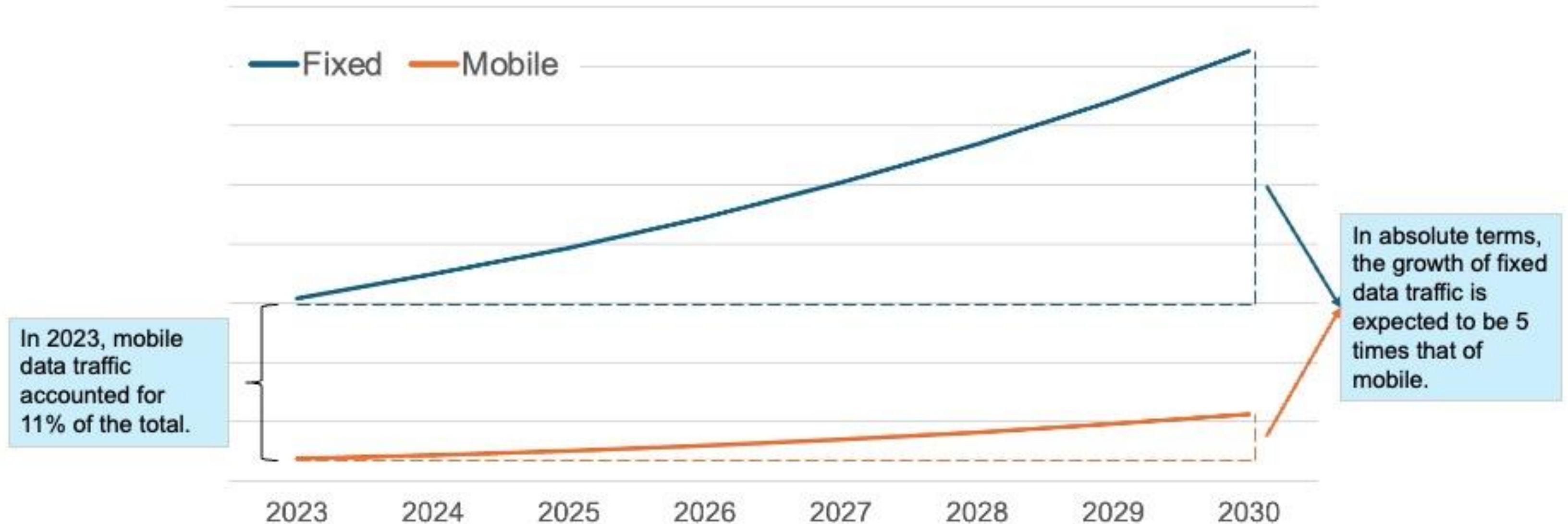
IMU: Inertial
Measurement Units

04 Why AR Rendering?



Wi-Fi Alliance® and Ramathibodi Hospital
demonstrate advanced 6 GHz healthcare applications

Forecast of EU data traffic towards 2030



Notes

- Data for 2023 is based on the aggregated data traffic provided by seven EU administrations.
- The estimated yearly growth for mobile traffic is based on the June 2024 Ericsson Mobility Report for West Europe (17%).
- The estimated yearly growth for fixed traffic is based on the median growth between 2022 and 2023 for the administrations considered (13%).

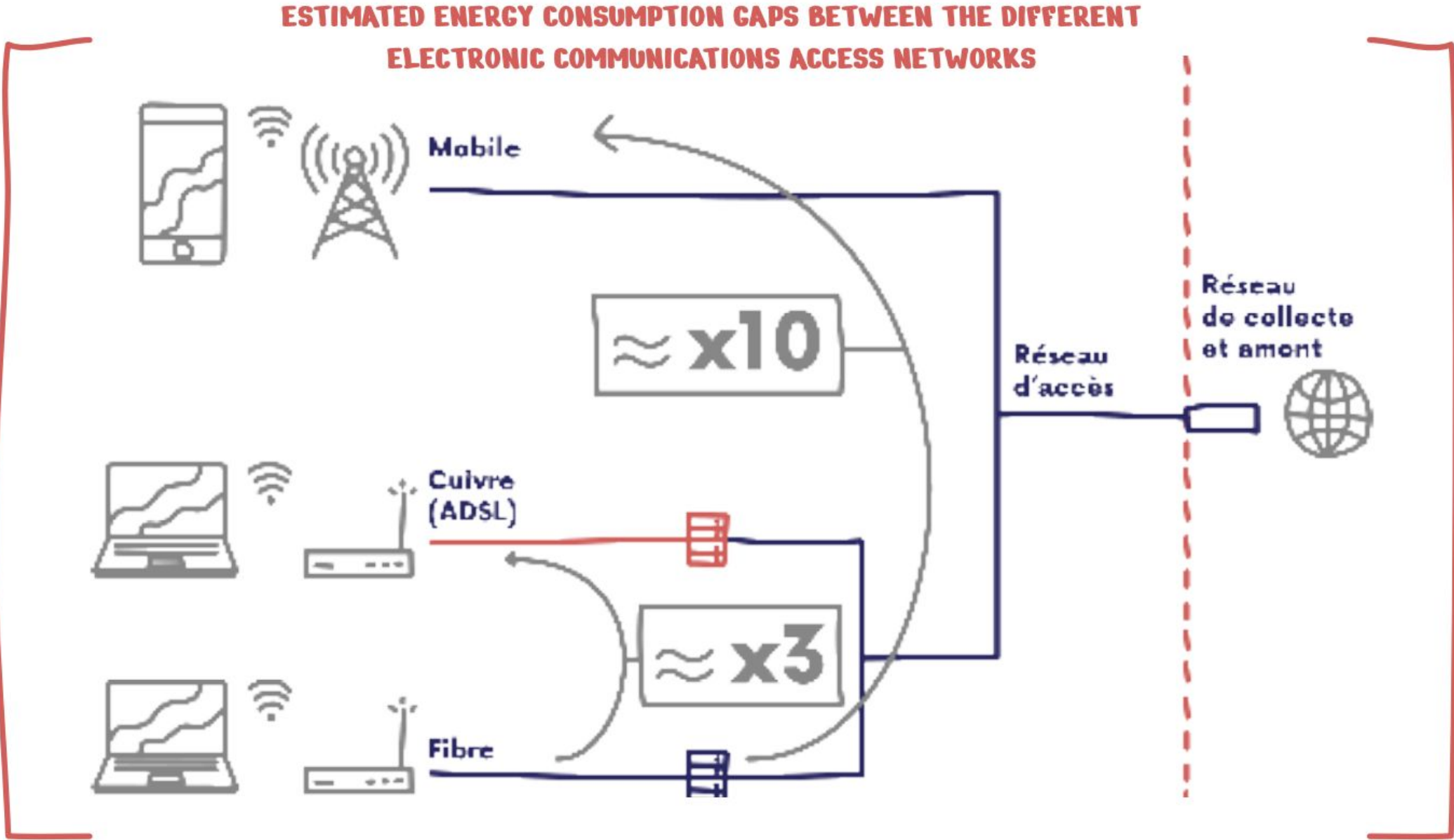


Figure 3. Estimated energy consumption gaps between electronic communications access networks



Sustainability Benefits of 6 GHz Spectrum Policy

Study for Wi-Fi Alliance®

Authors:
Ing Peter Kroon
Ilsa Godlovitch
Dr Thomas Plückebaum

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