Interconnecting Realities

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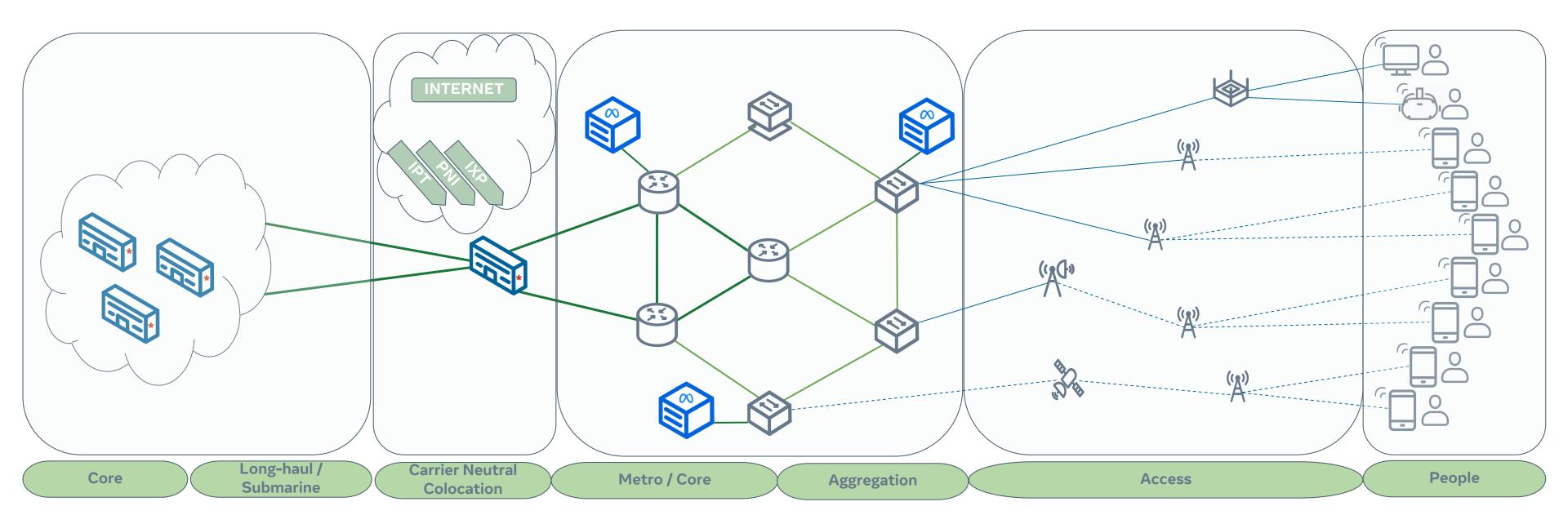


The Edge of Tomorrow

- New immersive experiences require traffic delivery at the Edge be optimized for GPU compute streamed from close proximity to client devices at scale.
- Meta is working with partners on industry-wide evolution in how and where Communication _ Service Providers (CSPs) can interconnect.
- We have improved data driven analysis for determining optimal Edge placement and market development opportunities.

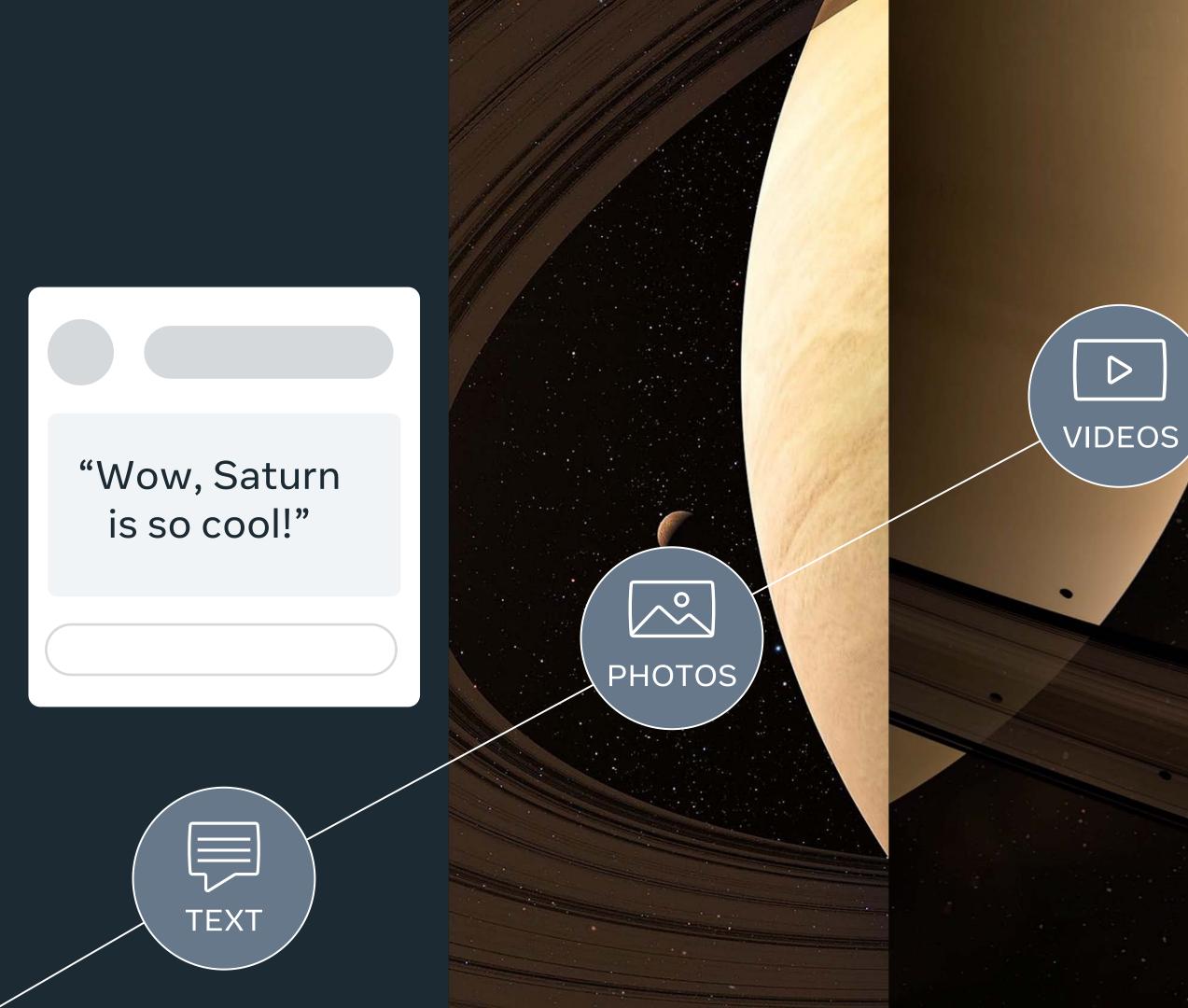
Content Coverage

Connecting Meta with People



- All sessions terminate on Edge
- MNAs talk to Edge, Edge talks to DCs
- Placement of Edge is a major factor in Quality of Experience







(LOTION)

Different experiences have different latency requirements



~150ms

Highest

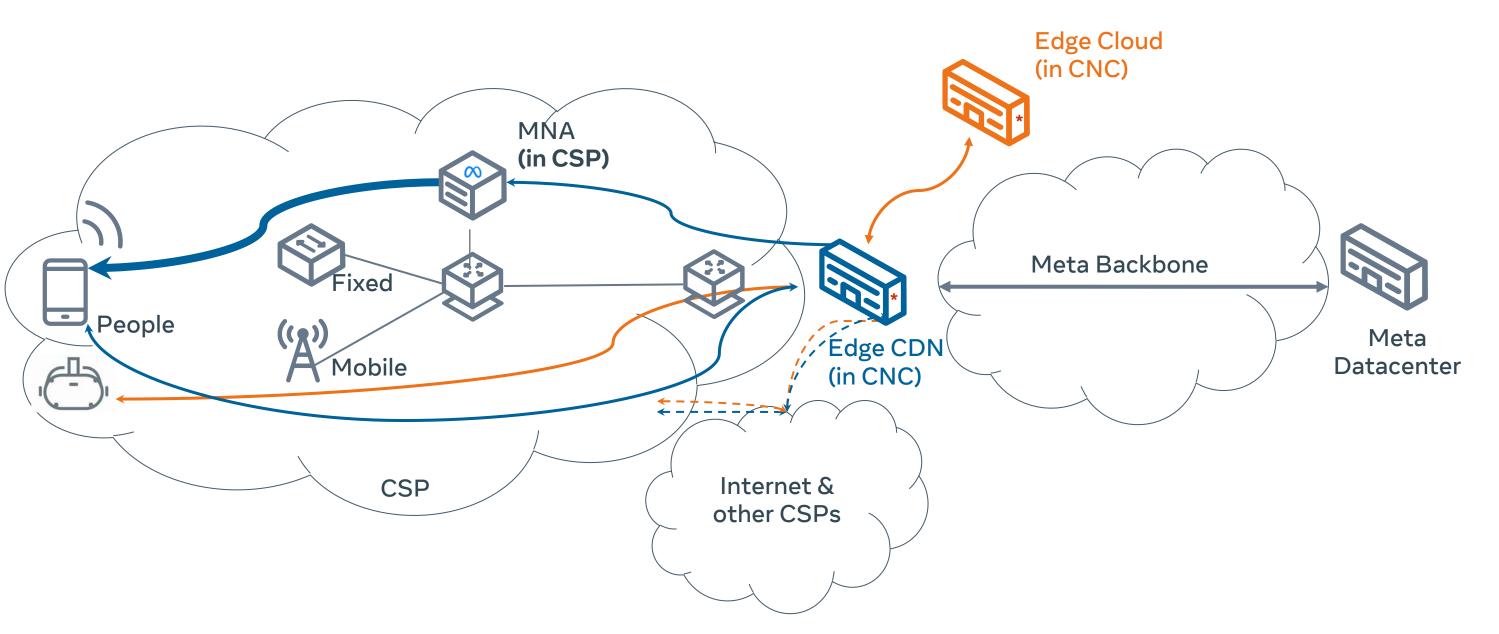
Network RTT

~25ms



Lowest

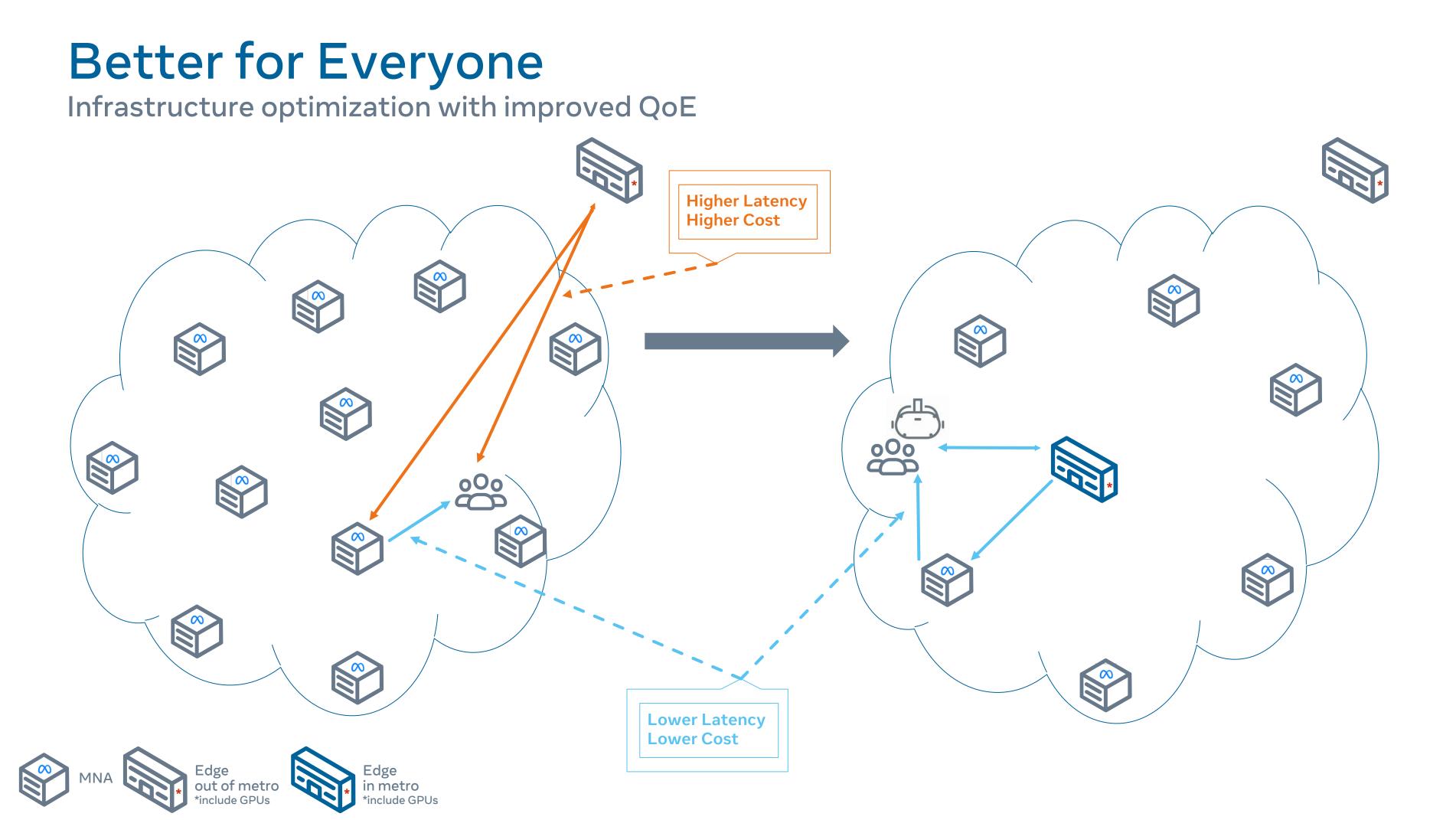
What problem are we solving?



- Edge Compute vs Edge CDN •
- •
- •

Caching still important but can't solve this problem

Requirement to bring PoPs closer to people



Increased Presence

Reaching more people directly

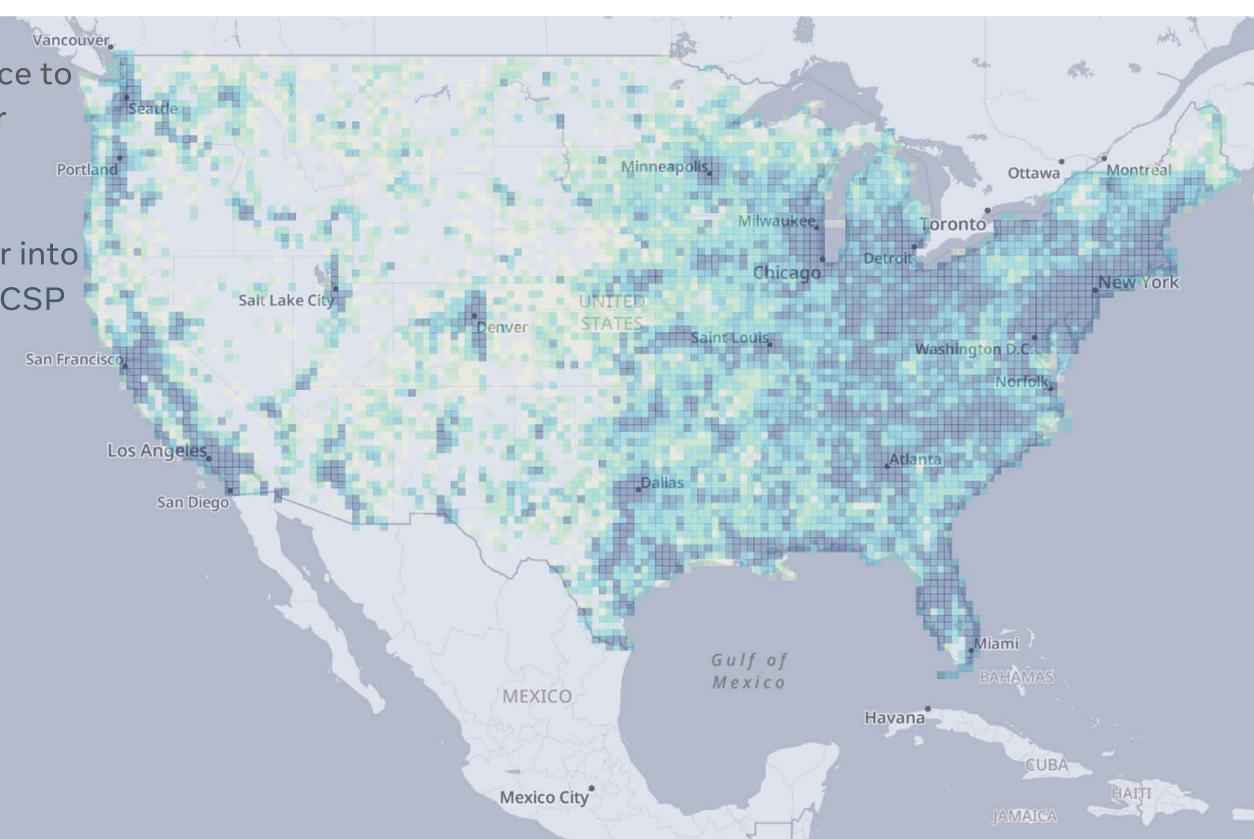
Moving beyond dedicated cache appliance to full Edge enables more services at higher quality for more people.

High density secondary markets deeper into regional network presence; aligned with CSP aggregation points

Reduces backhaul need for CSPs

Fostering new or existing carrier neutral colocation ecosystem

Ranked on impact and market readiness



Moving Beyond Legacy Peering

- Decentralization of Interconnection.
- Decrease dependence on large interconnection hubs.
- Future use cases drive higher bandwidth and lower latency, each with their own scaling challenges.
- Enable additional IP interconnection markets.
 - Underserved and tertiary markets.
 - Neutral colocation options remain critical.
 - Additional breakout and reach.

Leveraging this for Africa

- Smaller footprint
- Allows us to continue our Edge expansion across the region
- Compliment our mpMNA Deployments
- and...continue building further into the region

