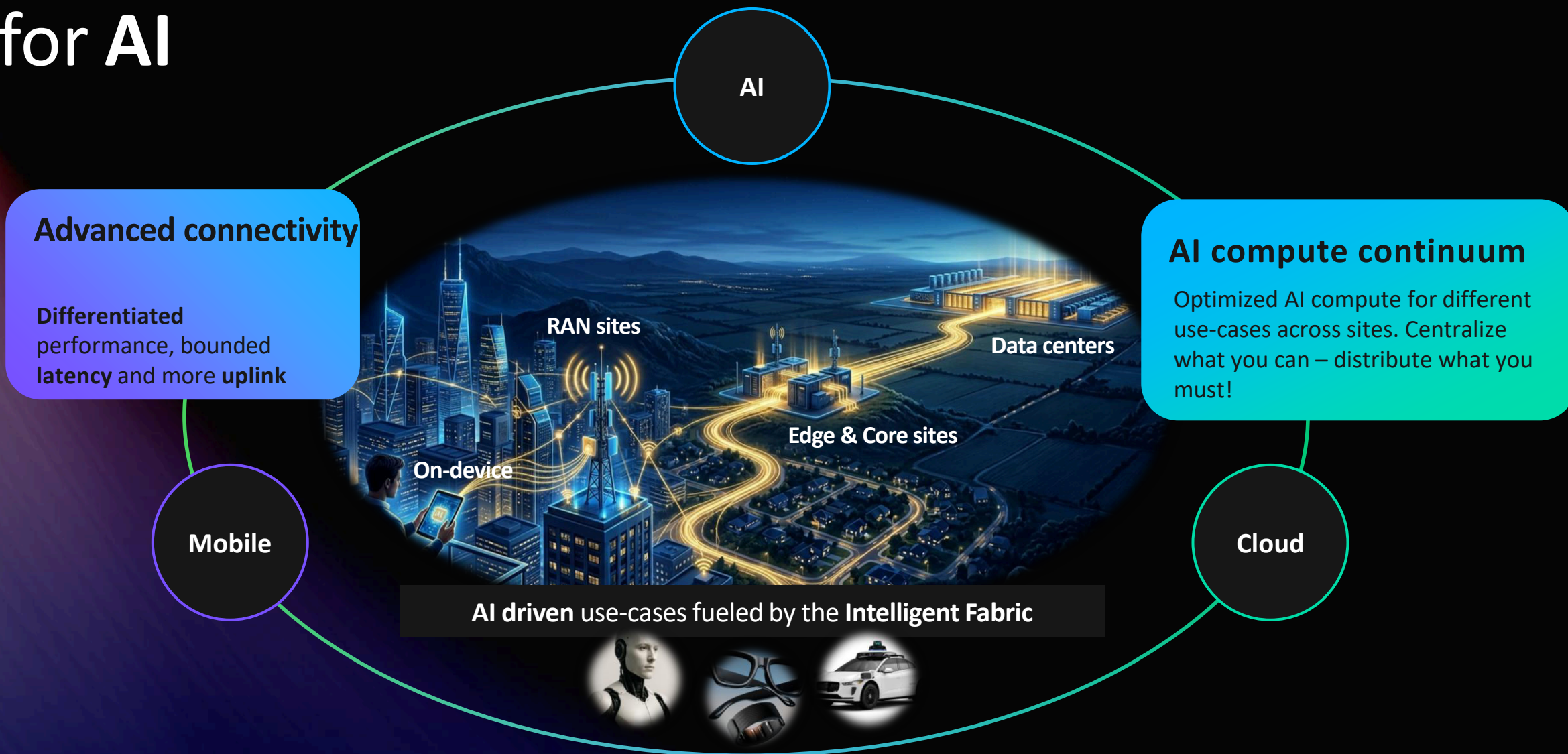


Next Horizon: Building the Foundation for 6G

The Intelligent Fabric & Best Networks for AI



Use Case Areas in 2030+: Consumers, Society, Industries

AI communication

Super-awareness and AI offload



Massive mixed reality

Immersive shared experiences



Autonomous mobility

Smart transport



Massive digital twin

Data collection and modeling



Resilient connectivity

Priority emergency communication



Spatial data engine

Coordinate-based data exposure



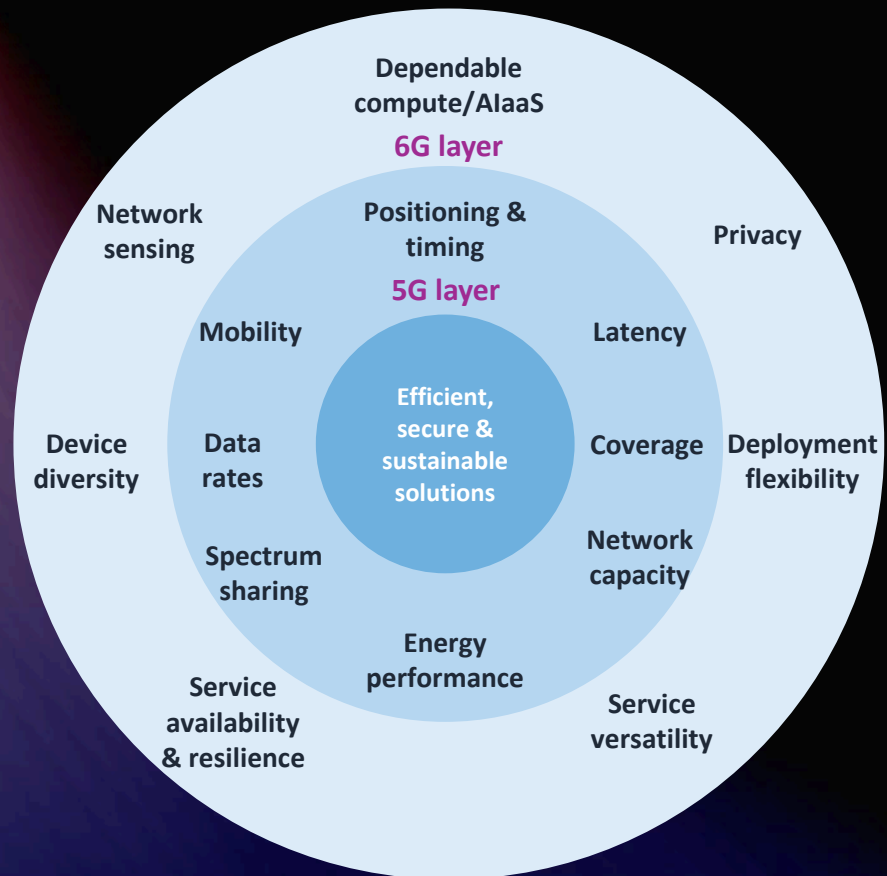
Global broadband

100% coverage



6G Going Beyond Communication

6G platform capabilities



Basic connectivity

Differentiated connectivity

Information services

AI and compute services

Cyber-physical interactions



Mixed reality



Global internet



Autonomous mobility



Resilient connectivity

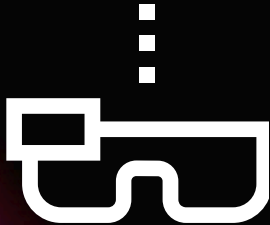
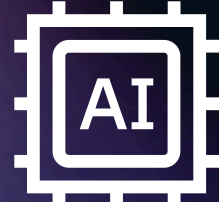



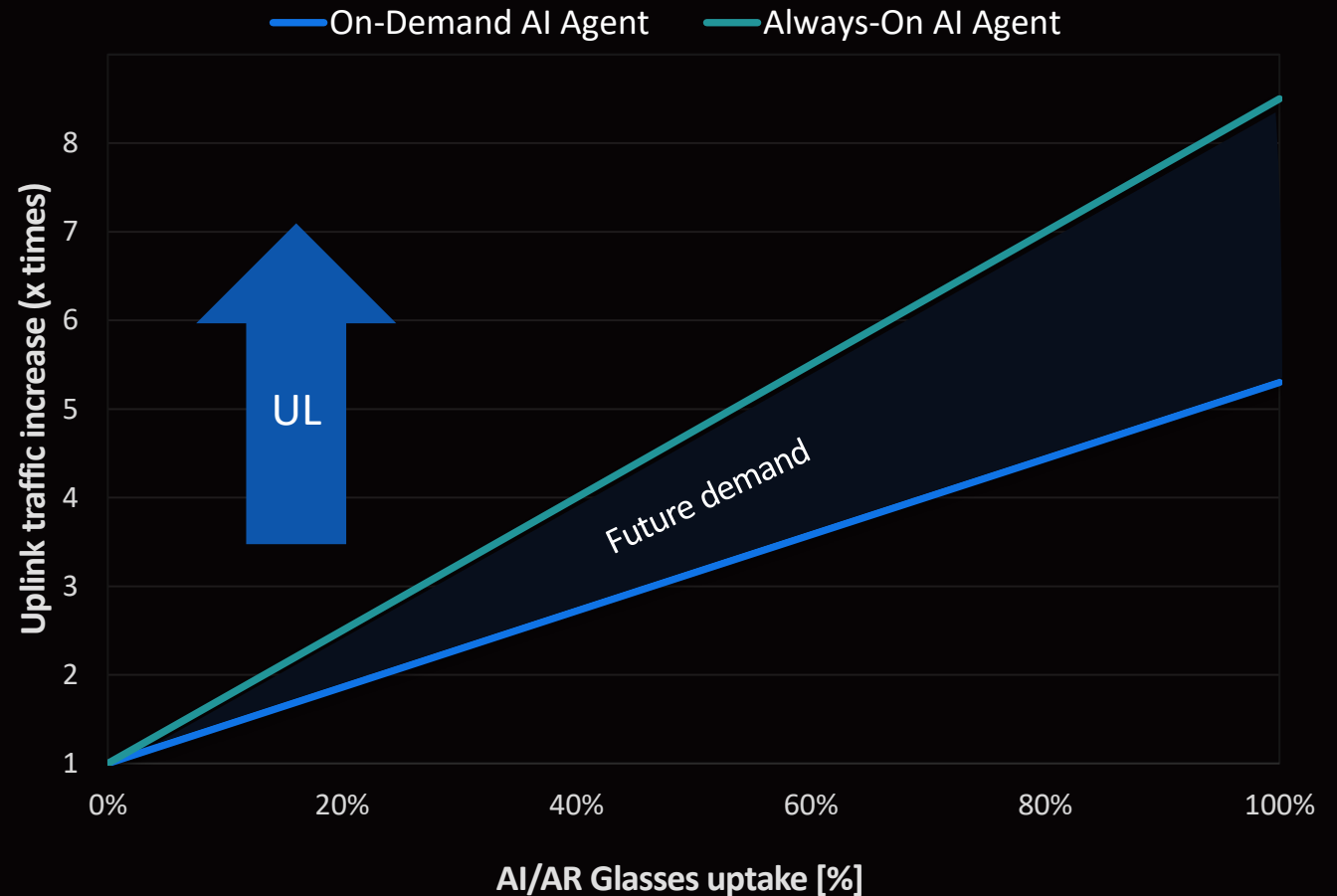
Spatial data



Massive digital twin

AI Will Usher in a New Inflection Point for Mobile Traffic Growth

	Short term Early adopters of AI glasses/AI-enabled devices, providing proactive assistance.
	Mid term Scale of consumer usage of AI assistants on smartphones, AI/AR glasses, etc.
	Long term Emergence and scale of AVs, humanoid droids, Physical AI, autonomous NW, etc.



The Path to 6G Accelerated by AI

5G

Scale & monetize
Network APIs & slicing
Cloud-native operations



AI-powered 5G

Autonomous networks
AI-optimized performance
Sensing



AI-native 6G

Full autonomy
New spectrum & ISAC
Tailored performance at scale



Industry 6G Timeline

Key milestones and phases

High-level 6G timeline

