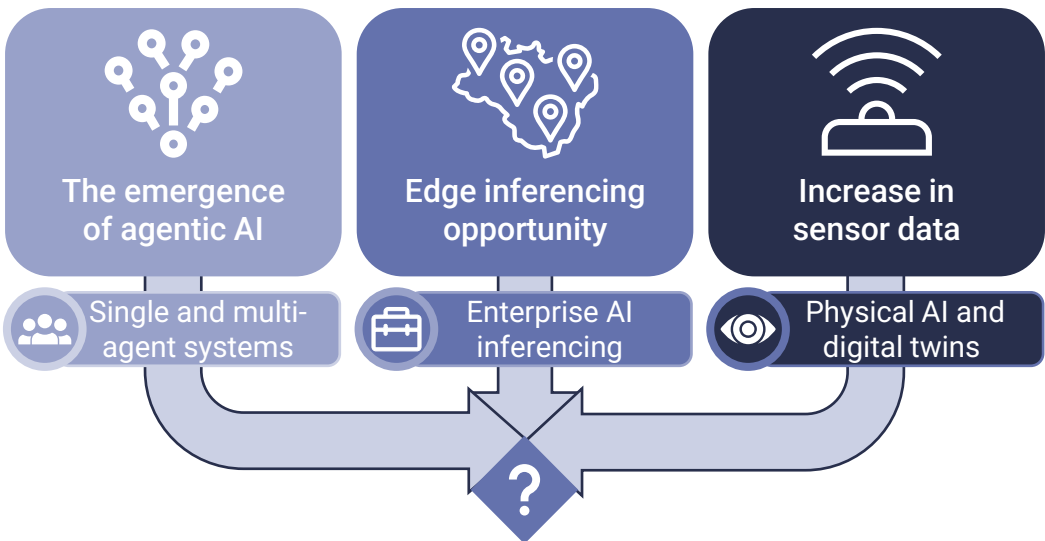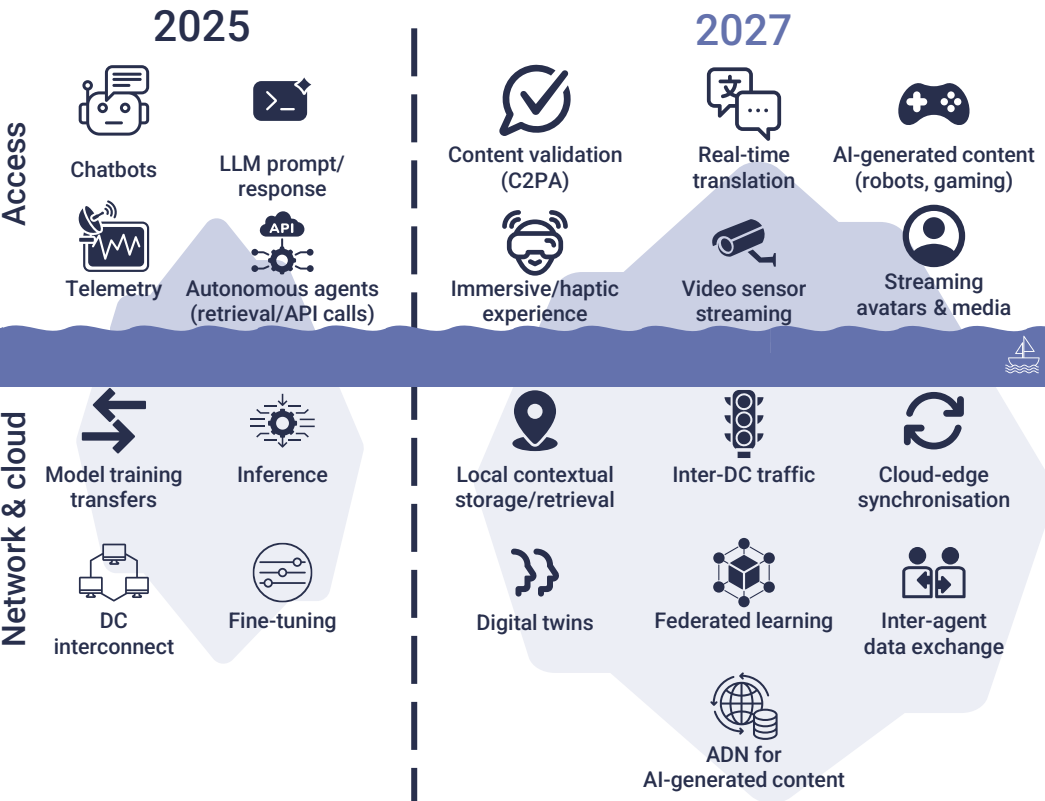# STL PARTNERS

How telcos can become more relevant enablers of AI

This infographic outlines how AI is reshaping infrastructure and enterprise demands, and where telecom operators can play a central role in enabling AI deployment.

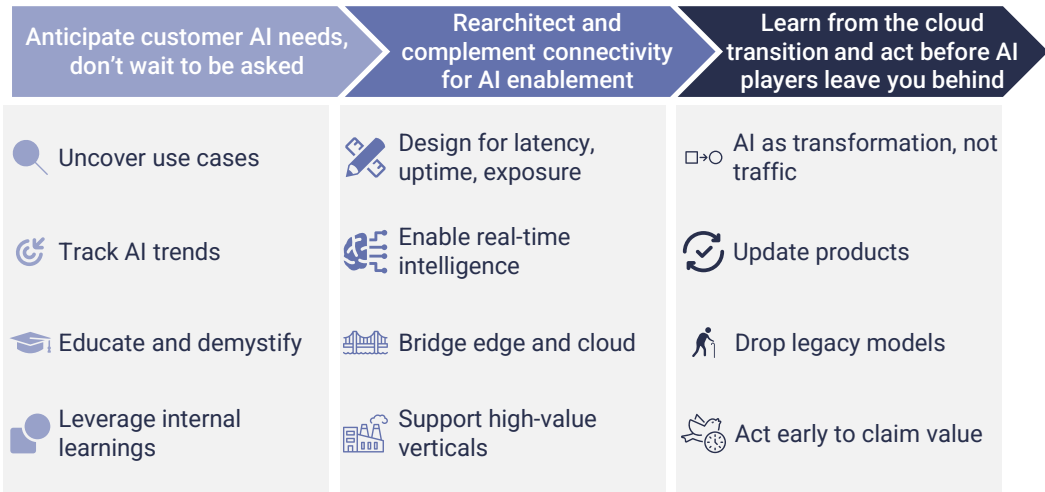## Telcos must embed AI today while anticipating evolving customer needs and these trends:

The emergence of agentic AI	Edge inferencing opportunity	Increase in sensor data
Single and multi-agent systems	Enterprise AI inferencing	Physical AI and digital twins

?

AI hasn't reshaped connectivity yet, but telcos must act to seize growing network, cloud and edge opportunities – now and ahead.

2025 | 2027

Access

2025:
- Chatbots
- LLM prompt/response
- Telemetry
- Autonomous agents (retrieval/API calls)

2027:
- Content validation (C2PA)
- Real-time translation
- AI-generated content (robots, gaming)
- Immersive/haptic experience
- Video sensor streaming
- Streaming avatars & media

Network & cloud

2025:
- Model training transfers
- Inference
- DC interconnect
- Fine-tuning

2027:
- Local contextual storage/retrieval
- Inter-DC traffic
- Cloud-edge synchronisation
- Digital twins
- Federated learning
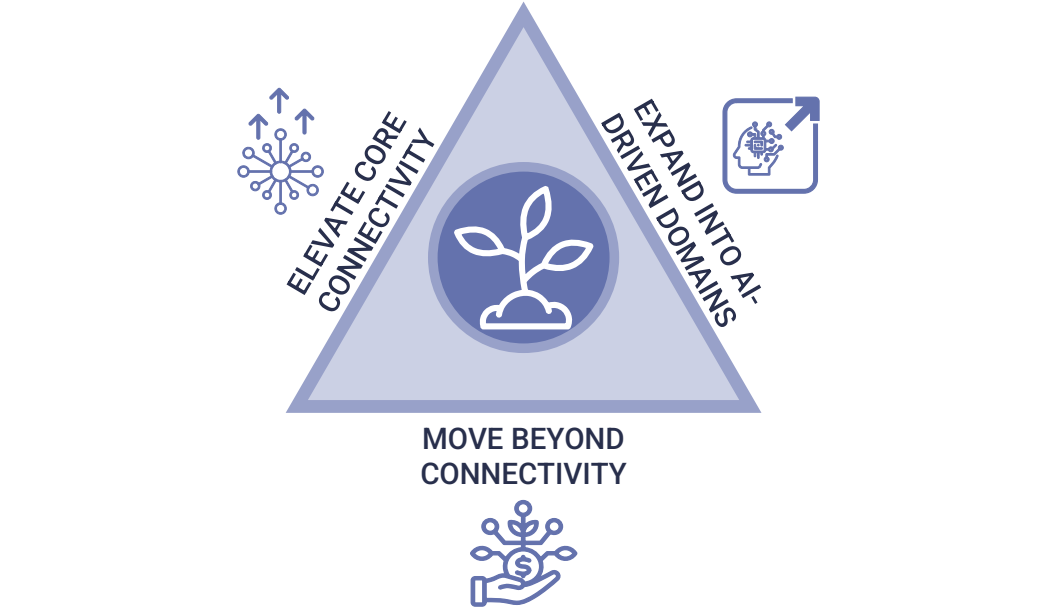- Inter-agent data exchange
- ADN for AI-generated content

- Most operators currently see only a small portion of AI traffic, as most data exchanges do not cross their networks.
- We expect this to continue, with most AI workloads running in the cloud or increasingly on user devices and on premises.
- But new AI trends will drive fresh data flows between AI infrastructure, creating opportunities for operators.

Telcos could become insightful enablers by proactively addressing long-term customer AI needs.

Anticipate customer AI needs, don't wait to be asked	Rearchitect and complement connectivity for AI enablement	Learn from the cloud transition and act before AI players leave you behind
Uncover use cases	Design for latency, uptime, exposure	AI as transformation, not traffic
Track AI trends	Enable real-time intelligence	Update products
Educate and demystify	Bridge edge and cloud	Drop legacy models
Leverage internal learnings	Support high-value verticals	Act early to claim value

This positions operators to engage meaningfully in enterprise AI conversations and unlock three major growth opportunities:

- ELEVATE CORE CONNECTIVITY
- EXPAND INTO AI-DRIVEN DOMAINS
- MOVE BEYOND CONNECTIVITY

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