

New AI-Communications

AI Internet is Born (A Huawei View)



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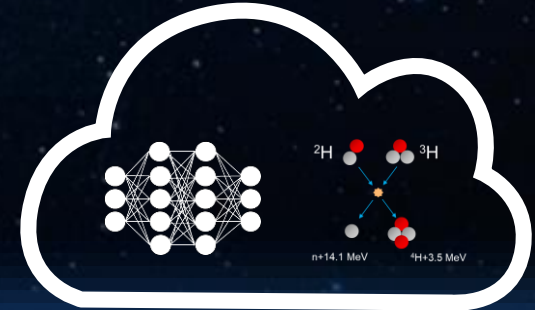
WWRF Huddle-2026
Septemeber 16, 2026
Istanbul

Wireless Network to Deliver Supper-Intelligence

To Everyone and Anytime and Anywhere



THIS IS 6G



Neuron Agent (10B)

Neuron Edge (100B)

Neuron Center (100T)

Wireless Network as AI Data Supplier

The Physical World Model Generator

NEXT 10 YEARS



Internet Scale Physical
World Twin Repertory

10^{21}

PAST 40 YEARS

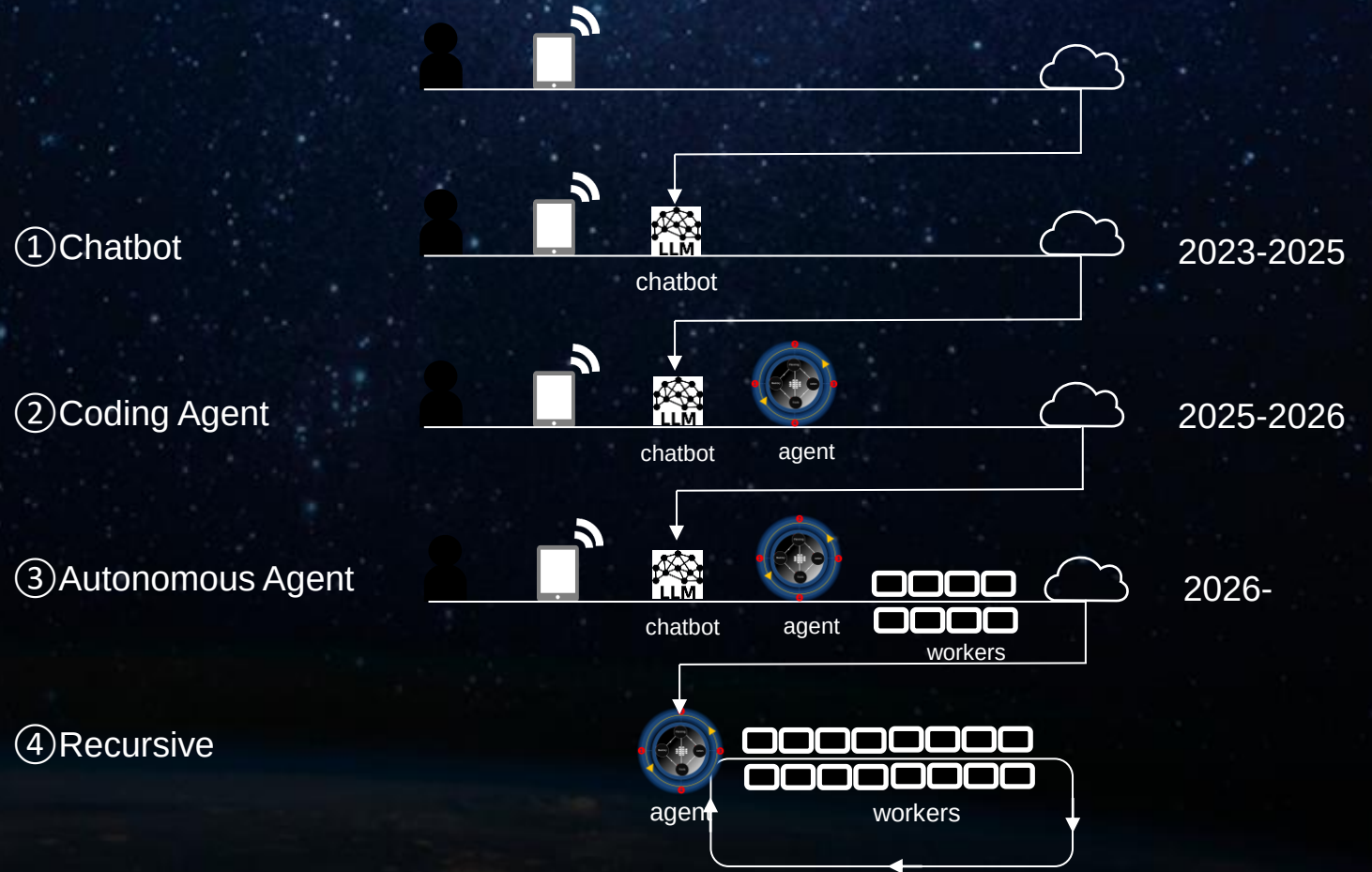
Internet Scale Natural
Language Repertory

10^{12}

The Demise of Software and SaaS

The Re-Born of Mobile Application Ecosystem

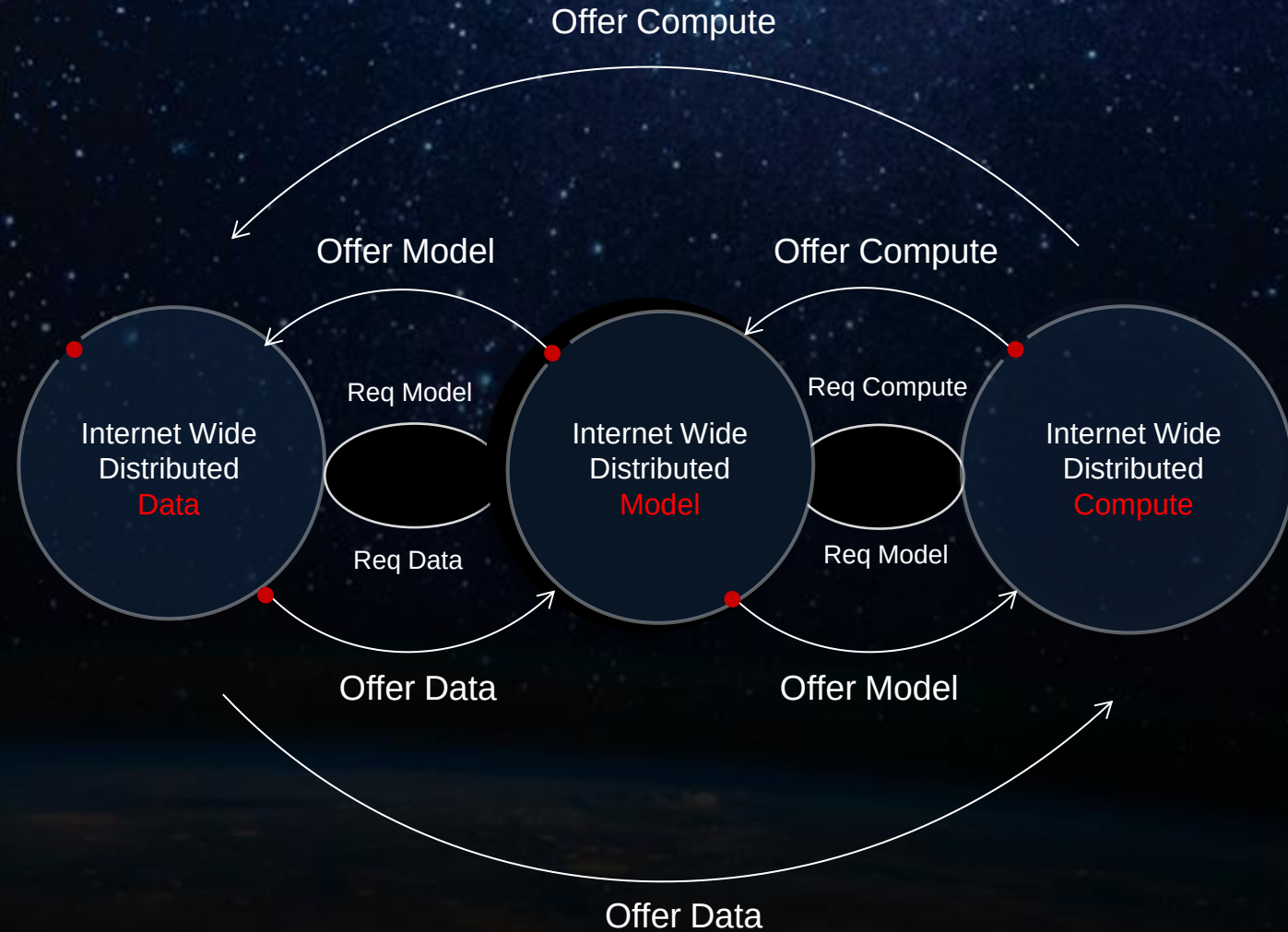
“every software
exists only for
one runtime”



Wireless Internet for World-Wide AI Computing

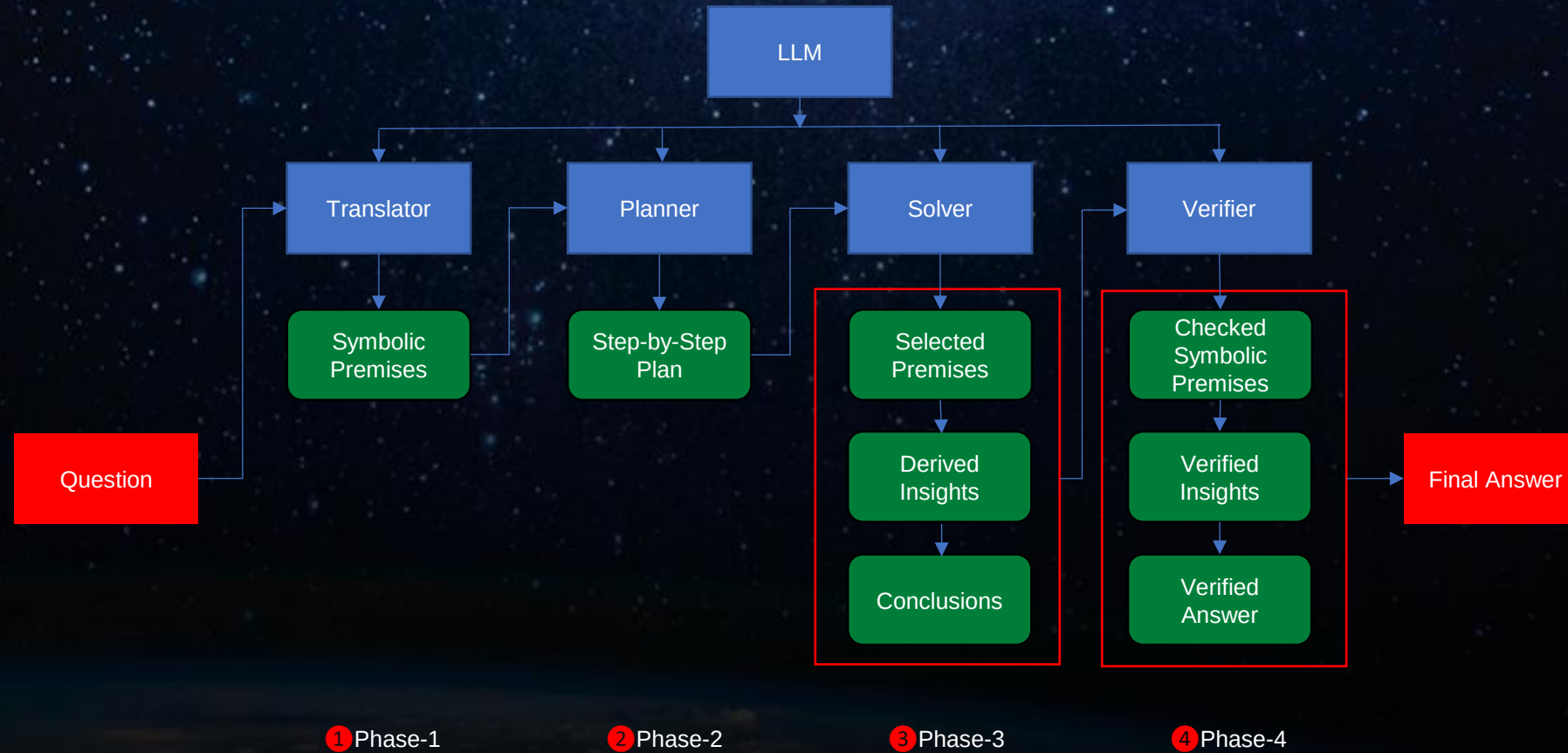
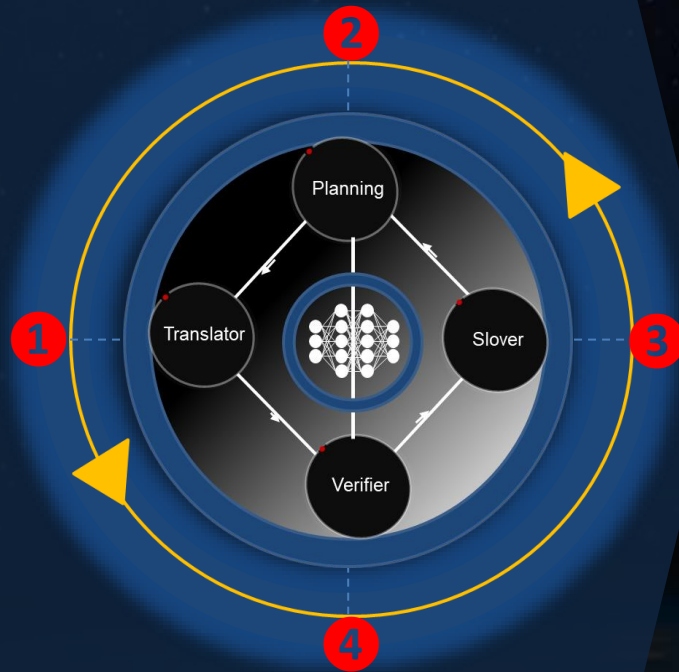
Global Compute, Data, Power Supplier scaling into post 2030

“users own a piece of the AI models trained on their data”



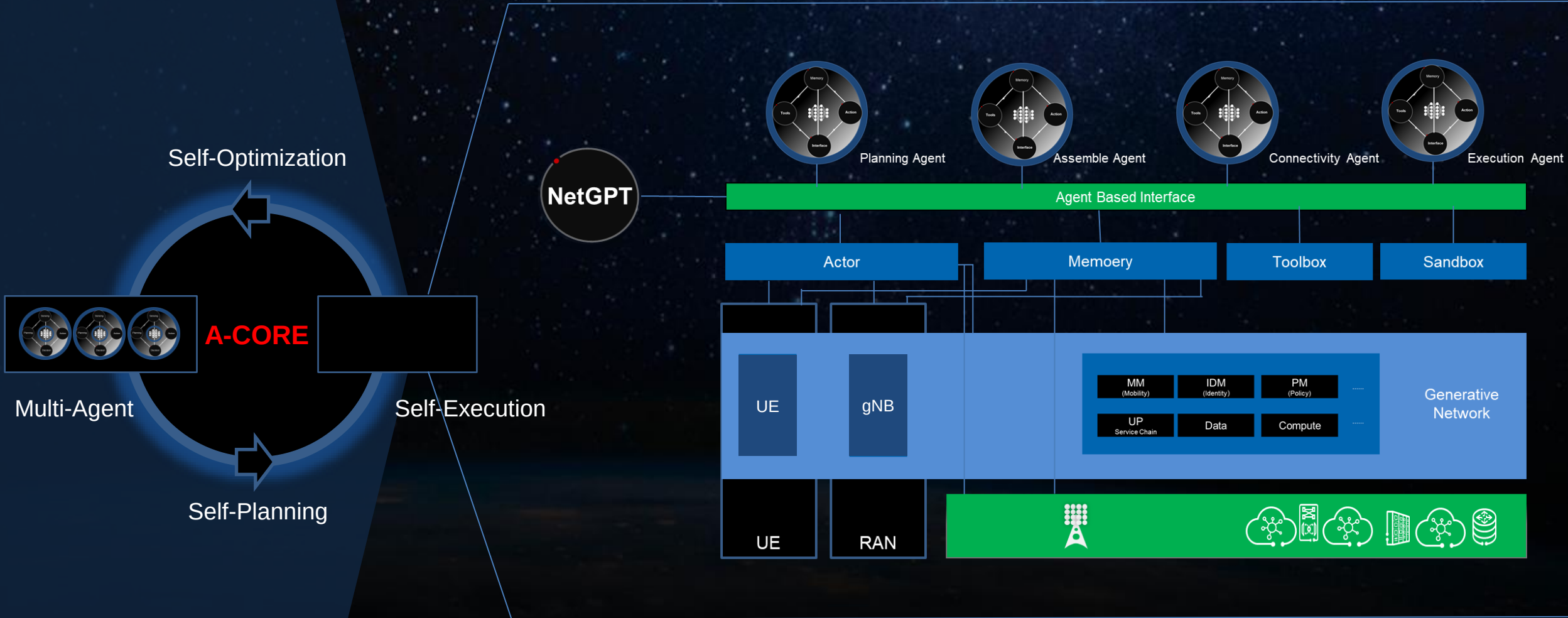
AI Agent Functionalities

Autonomous, self-planning, self optimization, self decision



Agentic Core Networks

Autonomous Planning, Evolving Core Network for Generative Mobile Service



AI Communications Trustworthy

Ensure AI and Networking Trustworthy by Distributed Multi-Lateral Verification



AI Communications Security

Protect Data Privacy and Sovereignty

AI INTERNET TRANSMITS INTELLIGENCE NOT DATA

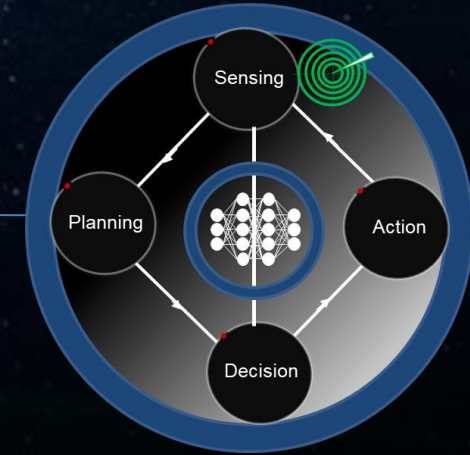


Privacy

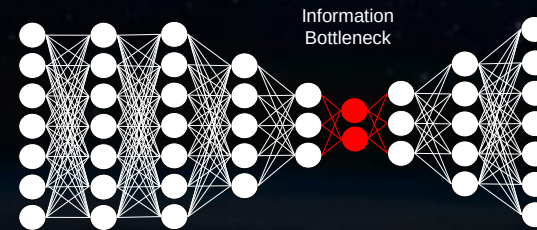
① Token Level



③ Agent Level



② Model Level



Computational Irreversibility to retrieve training data set or inferencing input

Security

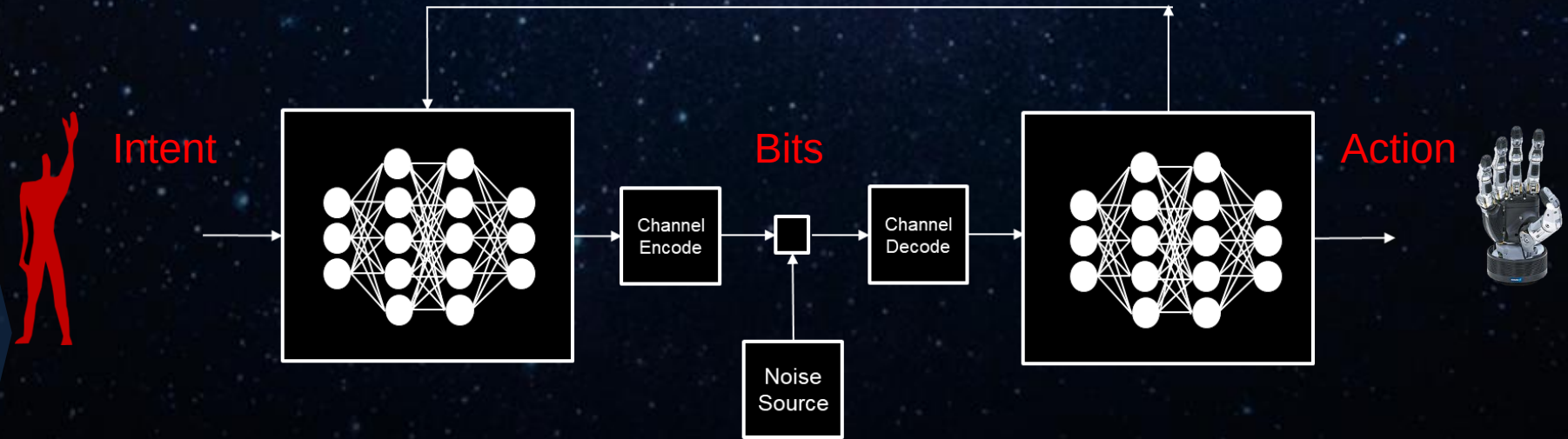
Post-Shannon Era Communications

Transition into Weaver Paradigm



1949

1. Technical
2. Semantic
3. Effectiveness

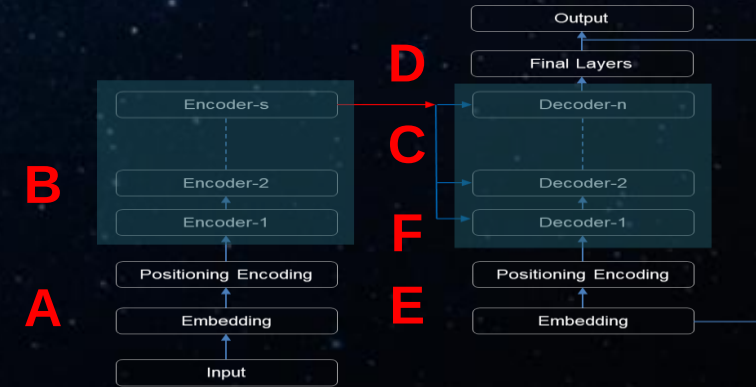
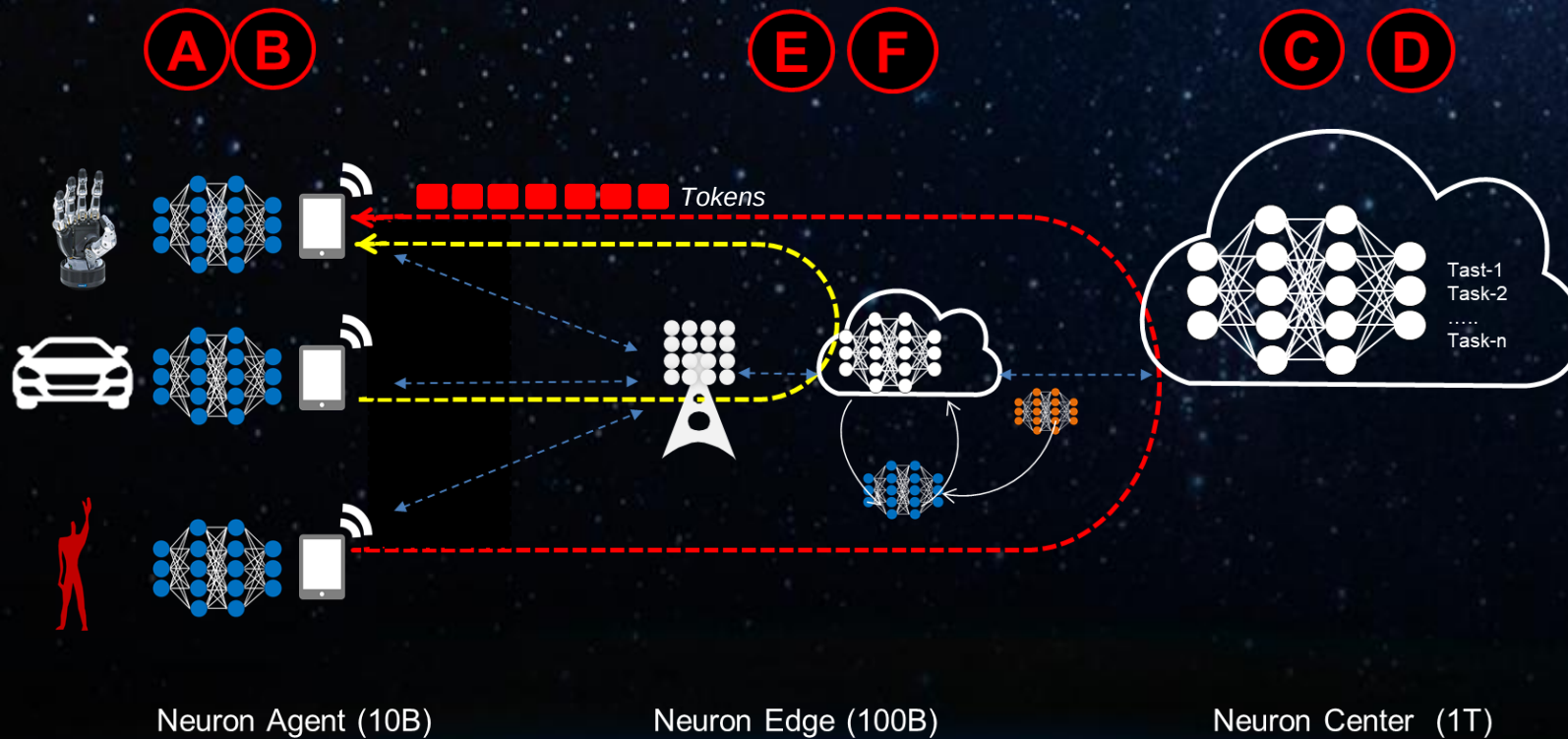


- Inner Shannon Channel
- Outer Weaver Channel

He envisioned the embedding and transformer

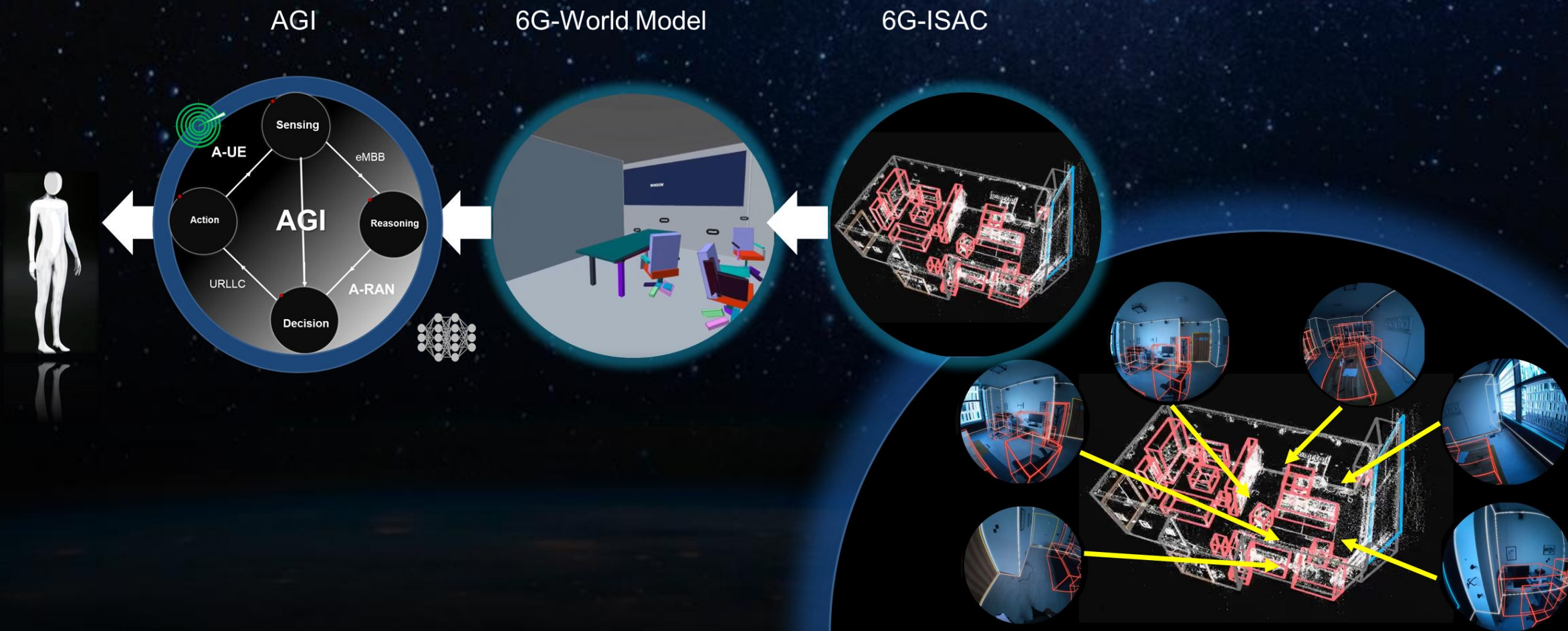
AI Token Communications

Reliable low Latency Streaming and Always-on Connectivity for AI



6G ISAC for World Model

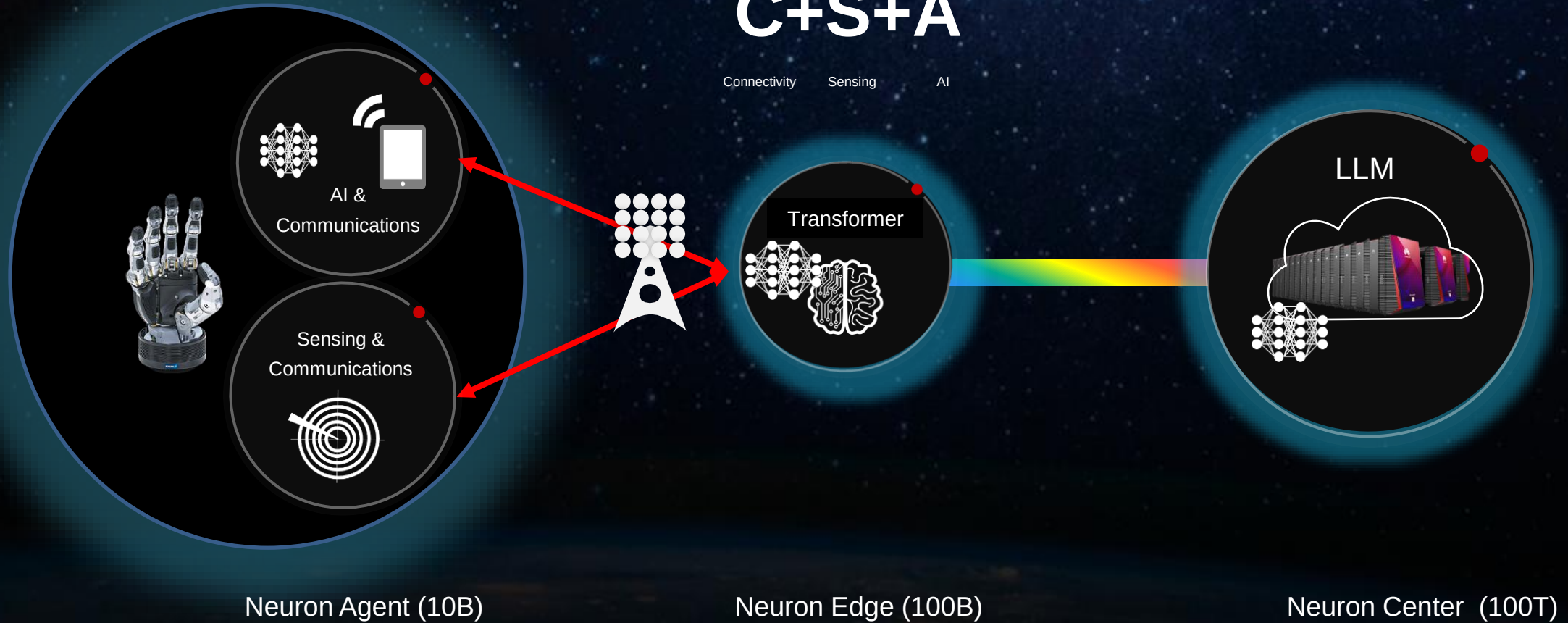
The ISAC Point-Cloud can be used to build the realtime Physical World Model



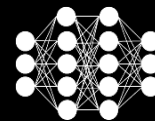
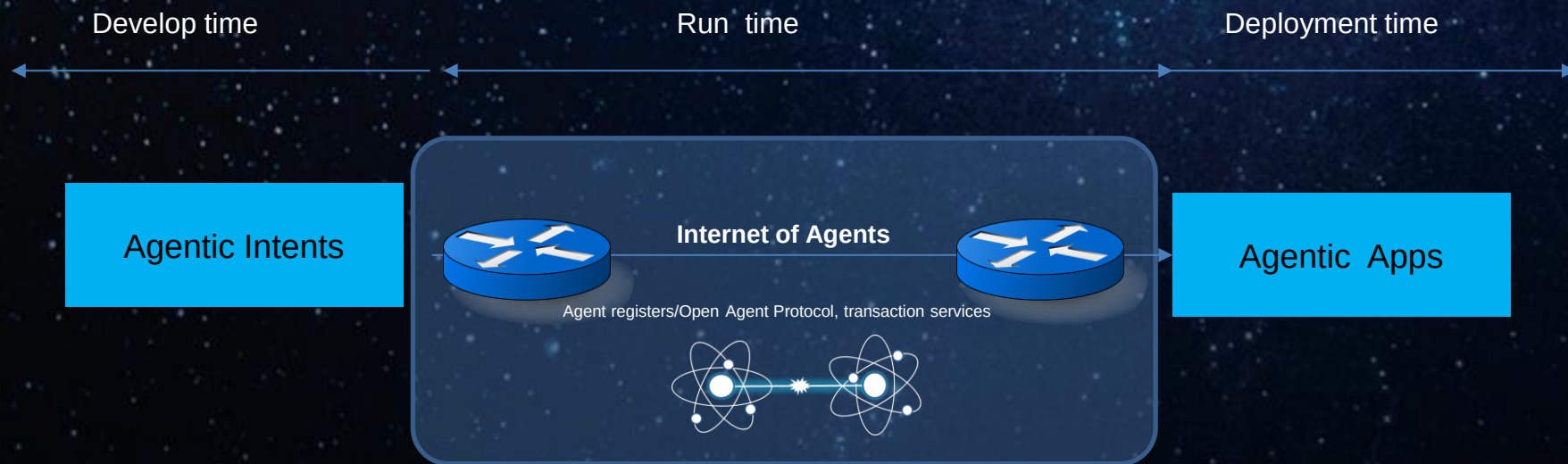
The A-RAN Architecture

The Total Integration of the Communications, Sensing and AI is the New Radio for 6G

Beyond Connectivity Companion:
▪ *Personalized Ambient Sphere*



Summary: AI Internet Concept



RESOURCES



Thank You.

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