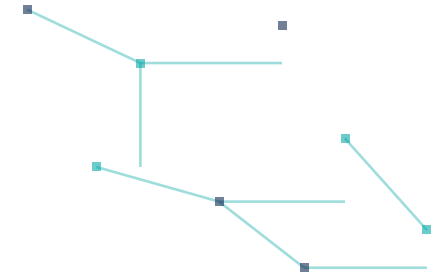


STOIC Road to a Hive Operating System:

ZynWorld as the Operational Testbed



Paul Wach, PhD, PMP (presenter)

Brad Philipbar (partner in awesome-ness)



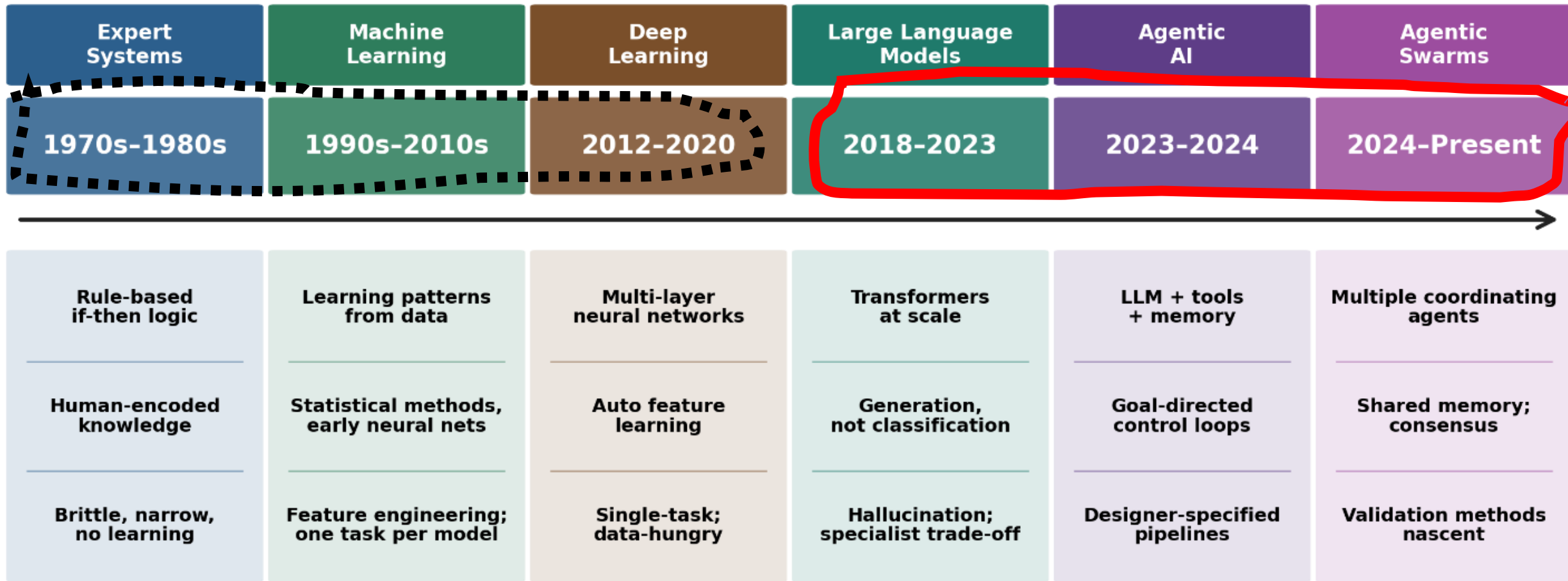
Perspective on AI History

--	--	--	--	--	--

Urgency?! Current cycles...days? Less?

10-20 year cycles

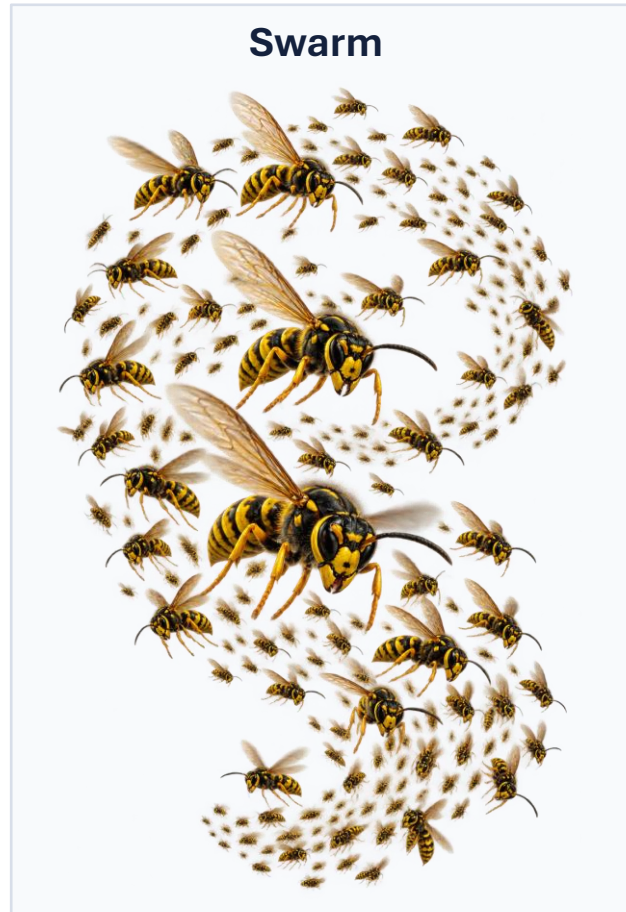
2-5 year cycles



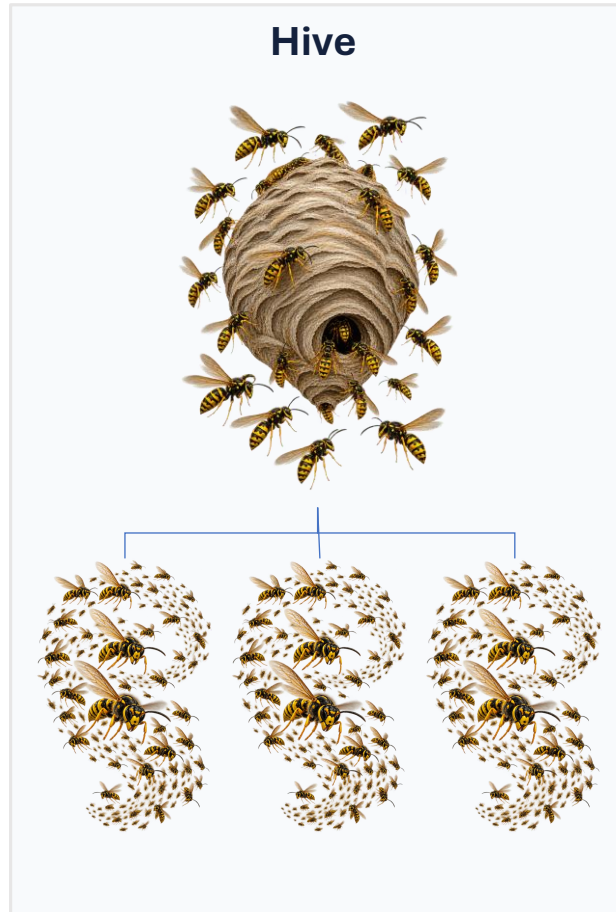
We Started Doing This a Year Ago



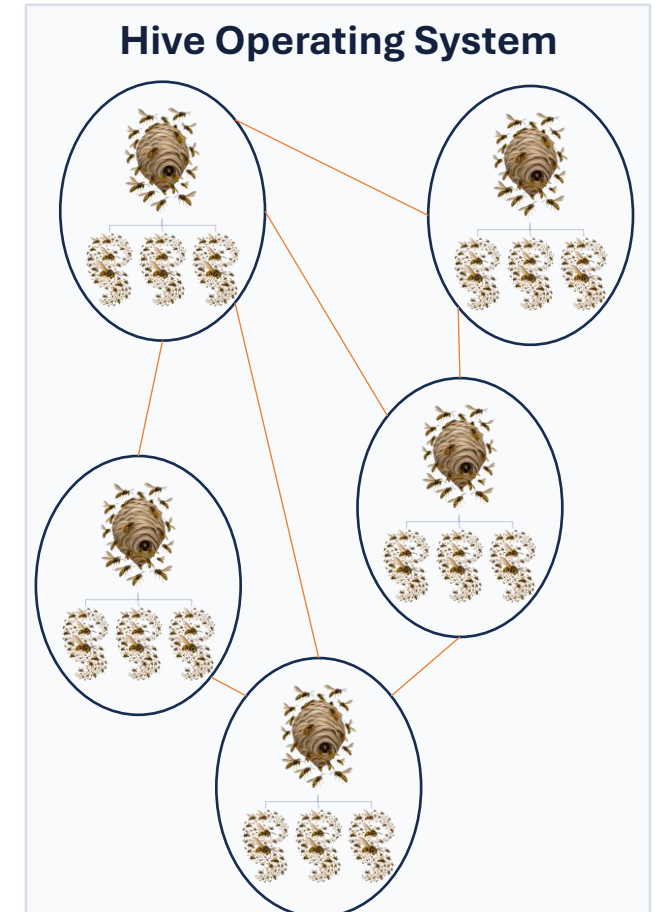
What is a Hive, Exactly?! ...And, Hive Operating System?!?!?



~1 task/workflow
Specialized



Multi-task/workflow
Multi-specialized



Major-roles (e.g., CTO, CISO)
Cross-organization

The “O” Word, Again?! Yes, Ontologies

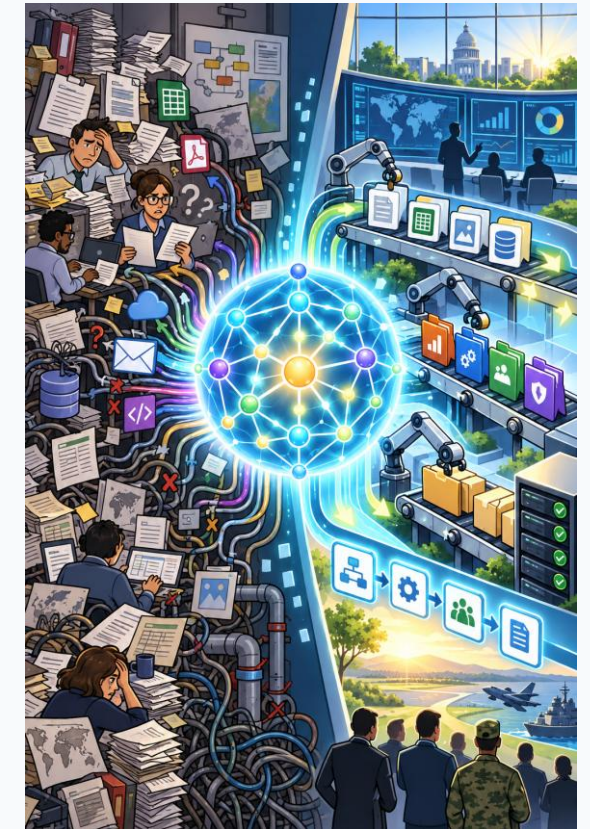
Coherence



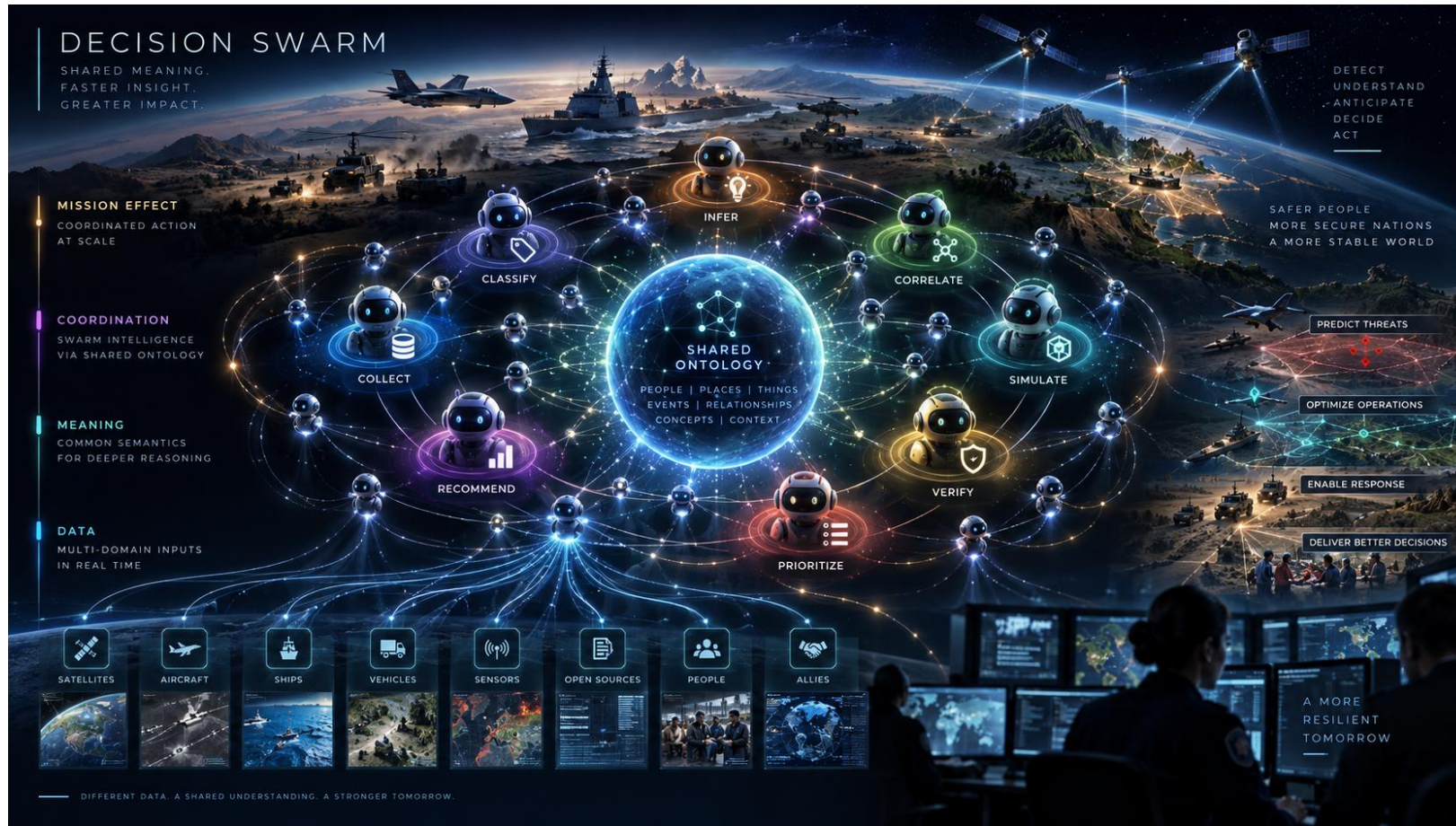
Reasoning



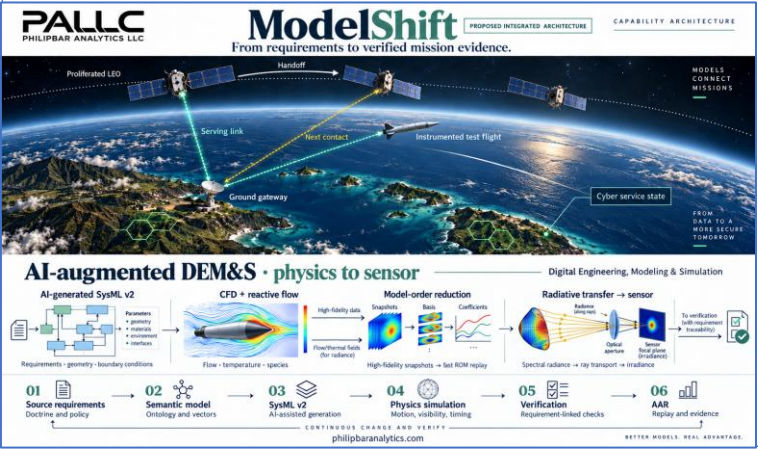
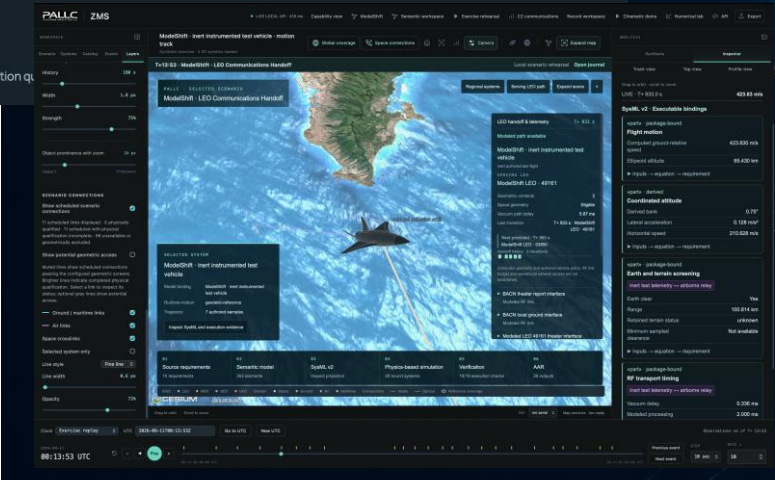
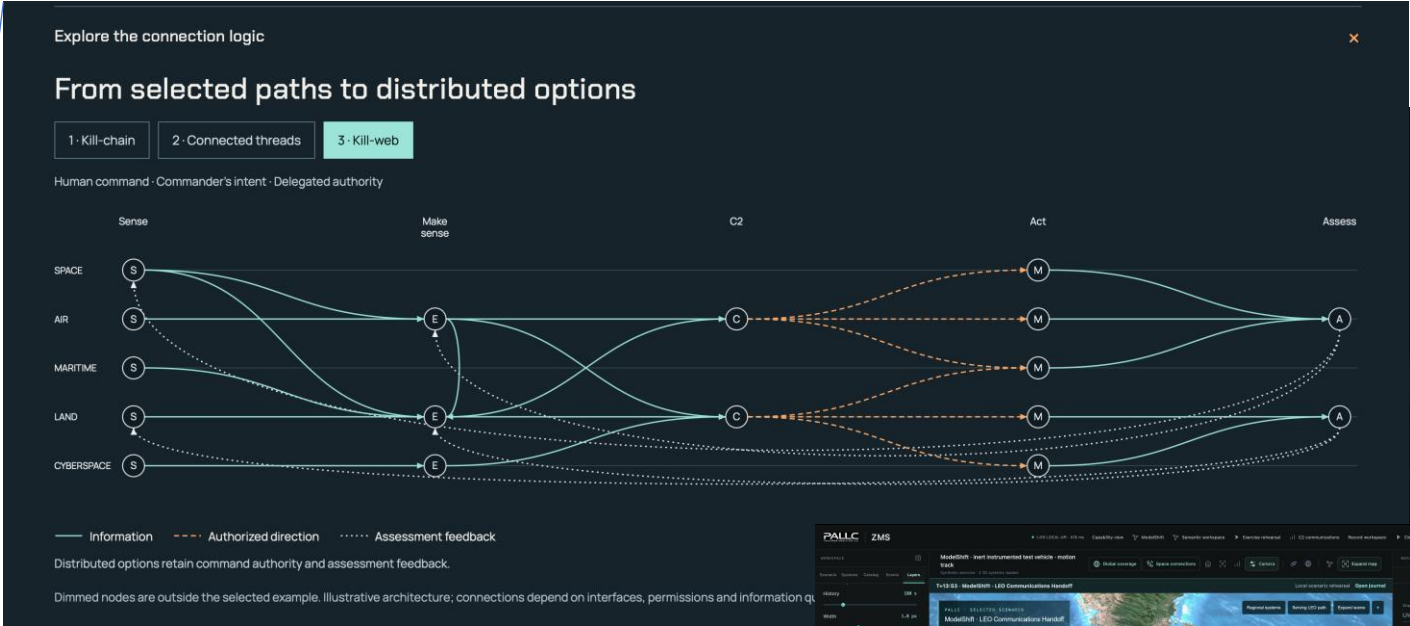
Automation/Streamlining



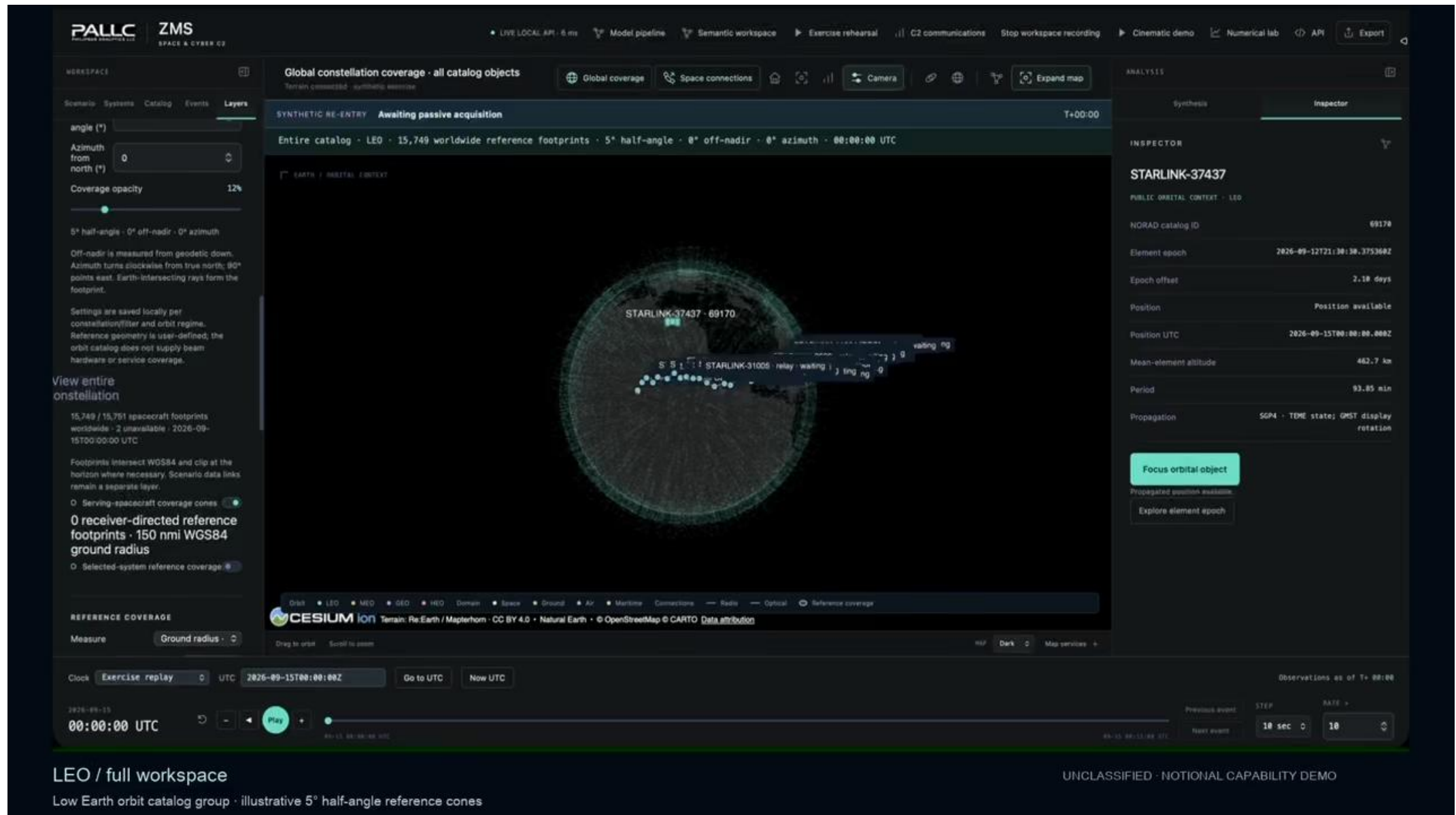
Ontology is Important Now, Perhaps More Than Ever



Our Practical Applications



Our Practical Applications



Closing Thoughts on Where We Think Things are Headed





Thank you. Questions?

Paul Wach, PhD, PMP

Researcher, AI & Systems Engineering

paulwach@arizona.edu



WySE AI Labs