ENGAGE META

September 13, 2026

Engage-Meta Initiative

Bridging Conceptual Knowledge and Operational Practices for Enterprise AI

Engage-Meta.com

PIERRE BONNET

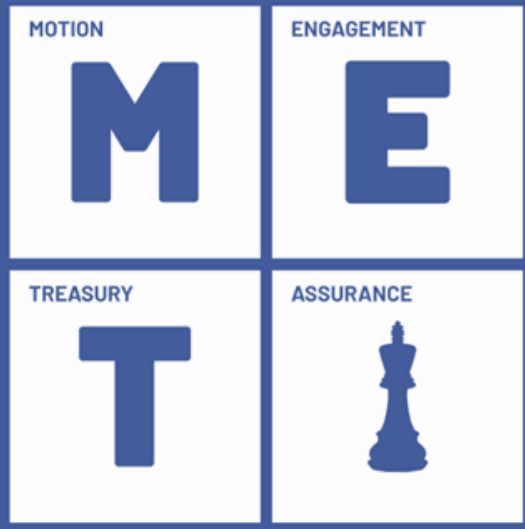
Executive leadership across strategy, architecture and delivery.

Agenda

- Engage-Meta Initiative
- Technical Architecture for AI
- Impact of AI on Human Skills
- How to Get Started the Right Way

ENGAGE-META INITIATIVE

Design Enterprise AI Systems



Building the Enterprise Information Foundations for AI

Engage-Meta is an open knowledge initiative dedicated to helping organisations build reliable Enterprise AI through better business knowledge, Enterprise Architecture and semantic information design. It combines an educational foundation with an architectural framework for Enterprise AI and Data transformation.

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ENGAGE META

PIERRE BONNET

AI & Data Consultant

30+

years in software, data and transformation

300+

engineers across an international organization

2018

Orchestra Networks acquired by TIBCO

Founder of Engage-Meta
Co-founder of Orchestra Networks
Former TIBCO VP Engineering

An international software executive who combines board-level judgment with the depth required to challenge Enterprise AI decisions.

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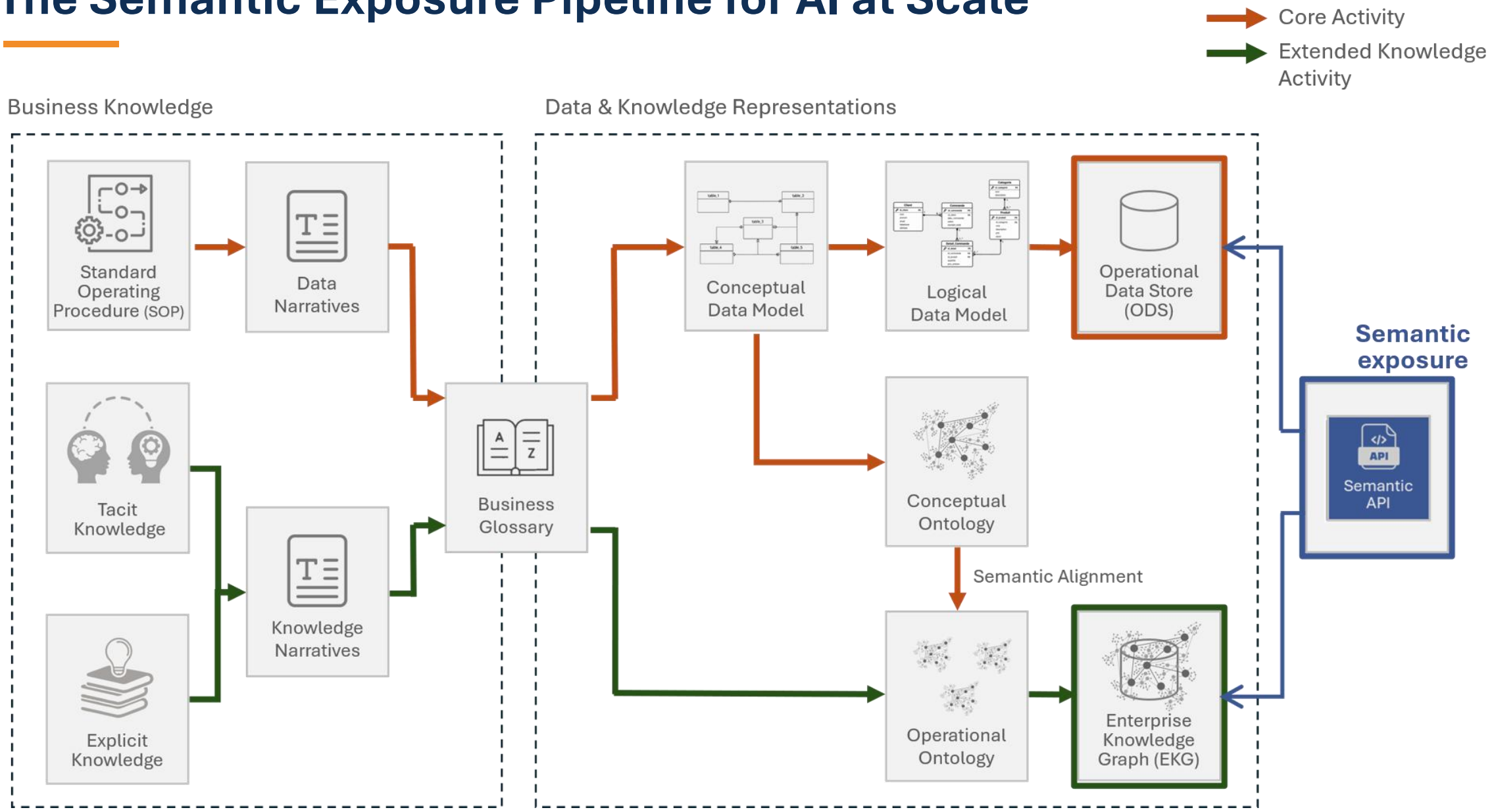
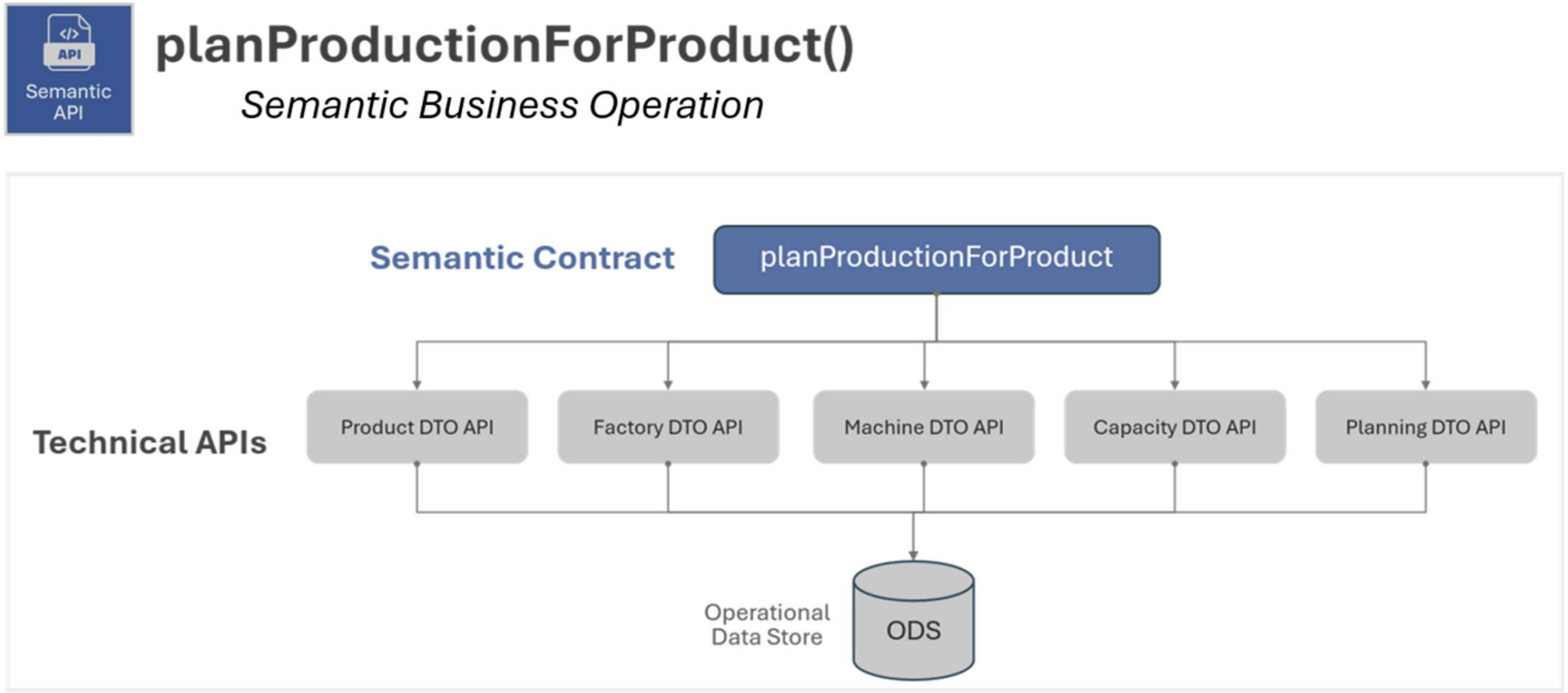
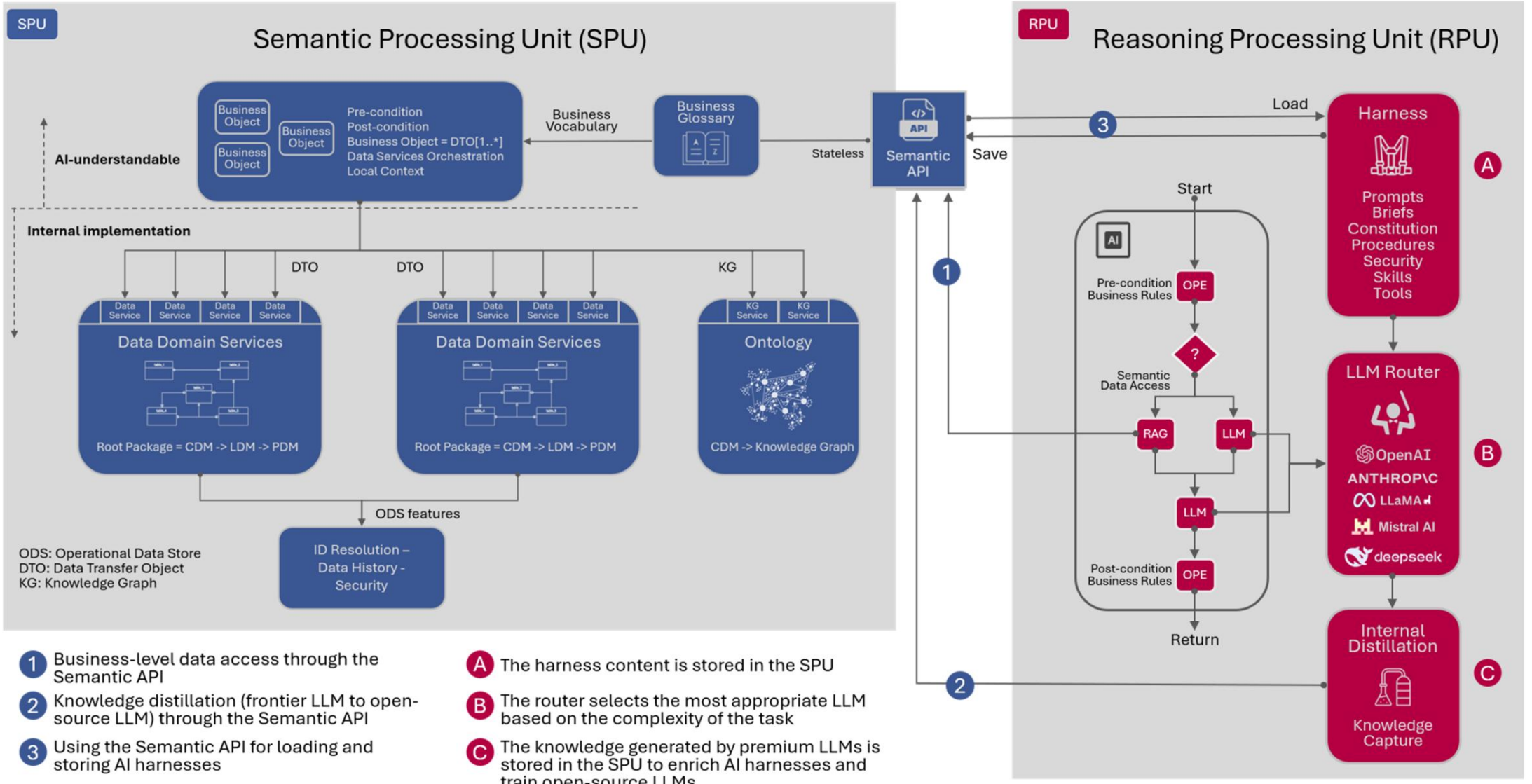
The Semantic Exposure Pipeline for AI at Scale



Semantic API Example



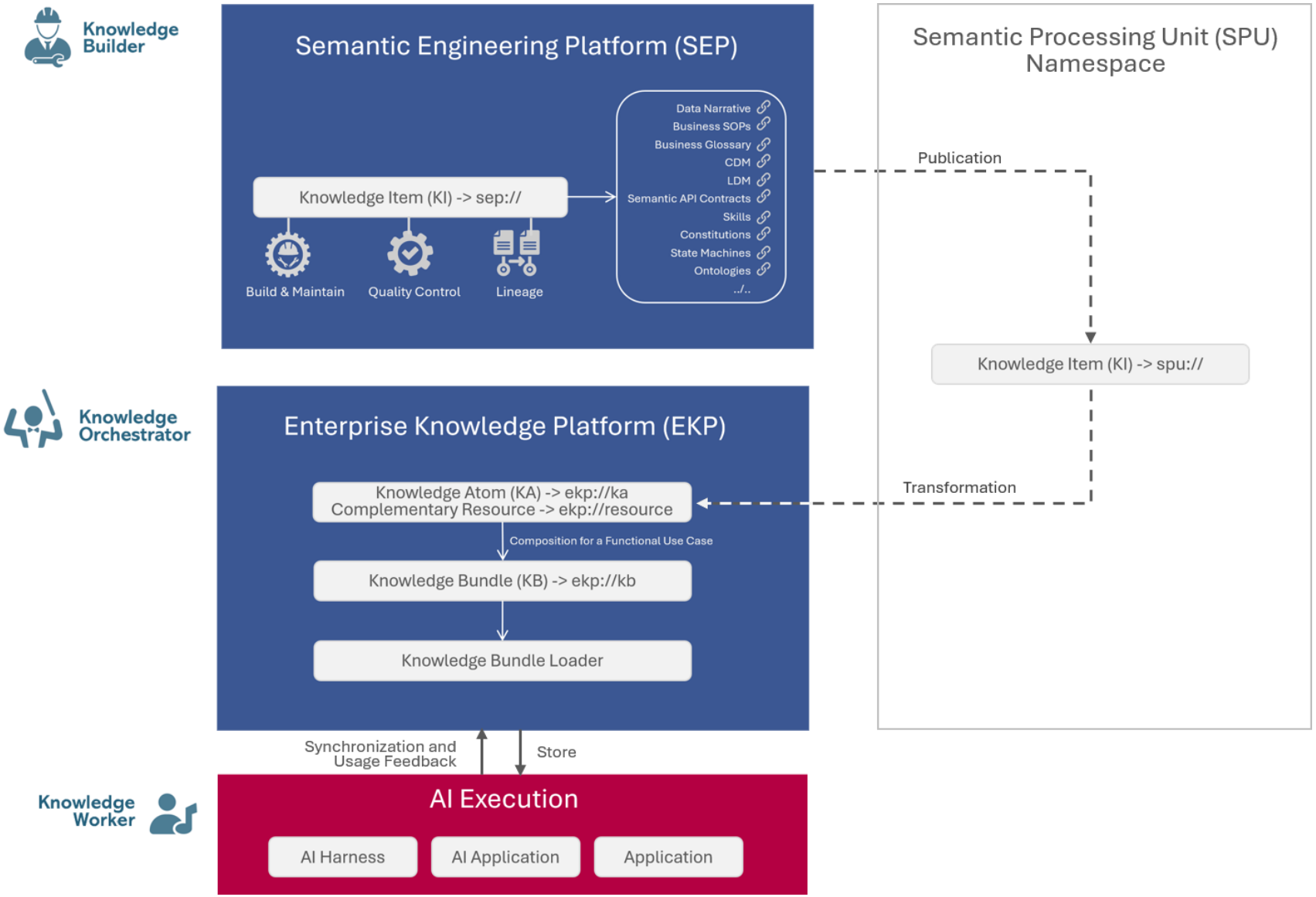
How Enterprise Knowledge Powers AI Reasoning



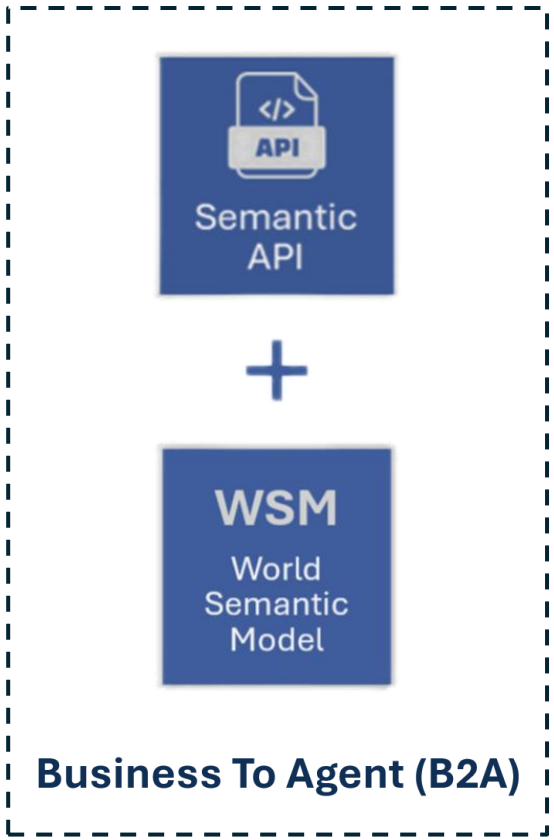
1. Business-level data access through the Semantic API
2. Knowledge distillation (frontier LLM to open-source LLM) through the Semantic API
3. Using the Semantic API for loading and storing AI harnesses

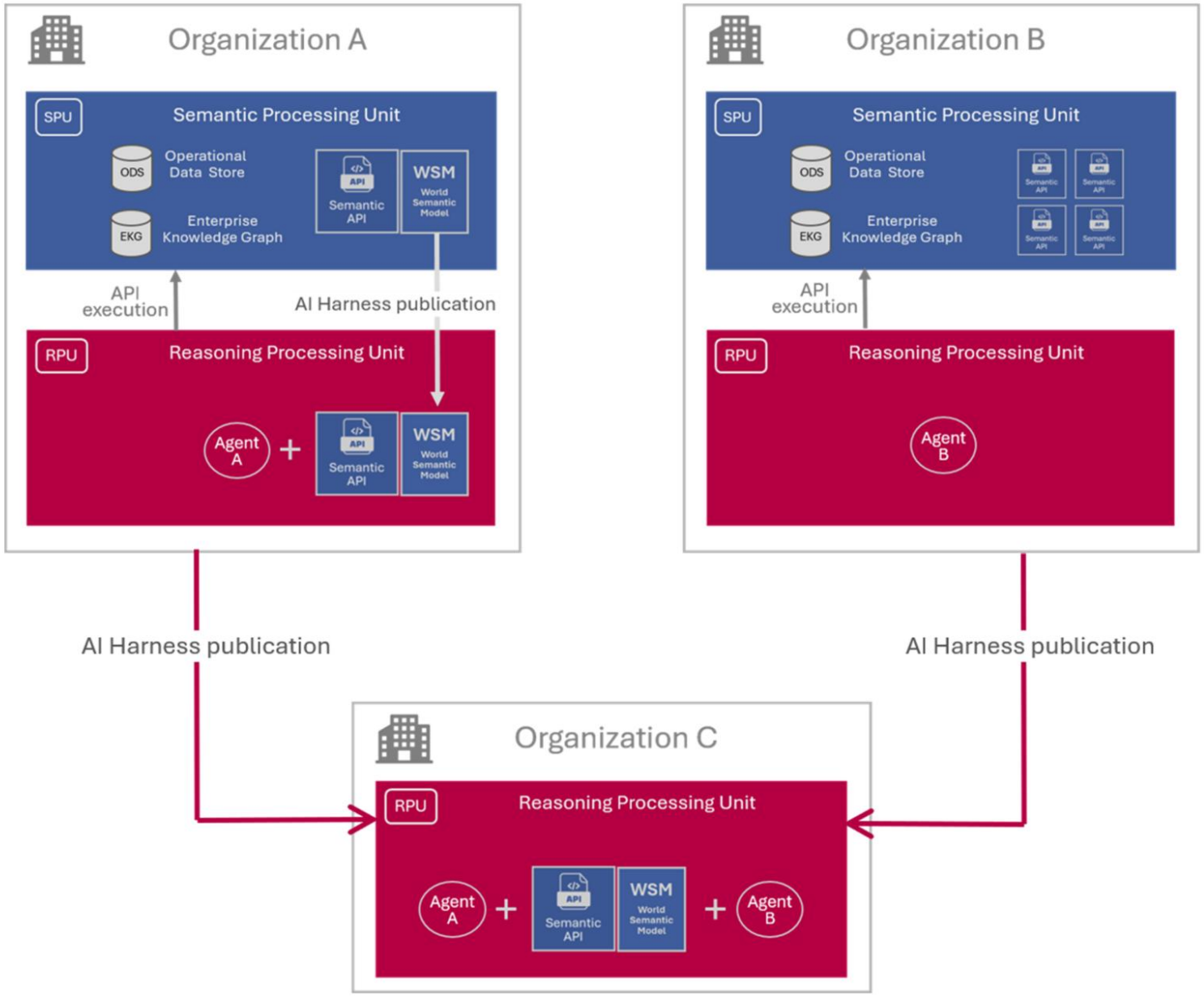
- A The harness content is stored in the SPU
- B The router selects the most appropriate LLM based on the complexity of the task
- C The knowledge generated by premium LLMs is stored in the SPU to enrich AI harnesses and train open-source LLMs

AI Harness Knowledge Governance



Agentic Economy



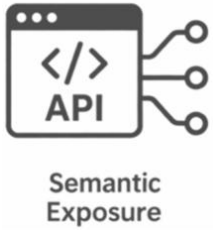


Knowledge Assets for AI at Scale

Enterprise Business Glossary - Data Narratives - Knowledge Narratives

Conceptual Ontology - Operational Ontology - Enterprise Knowledge Graph (EKG)

Conceptual Data Model for a business domain - Logical Data Model - Logical Naming Convention

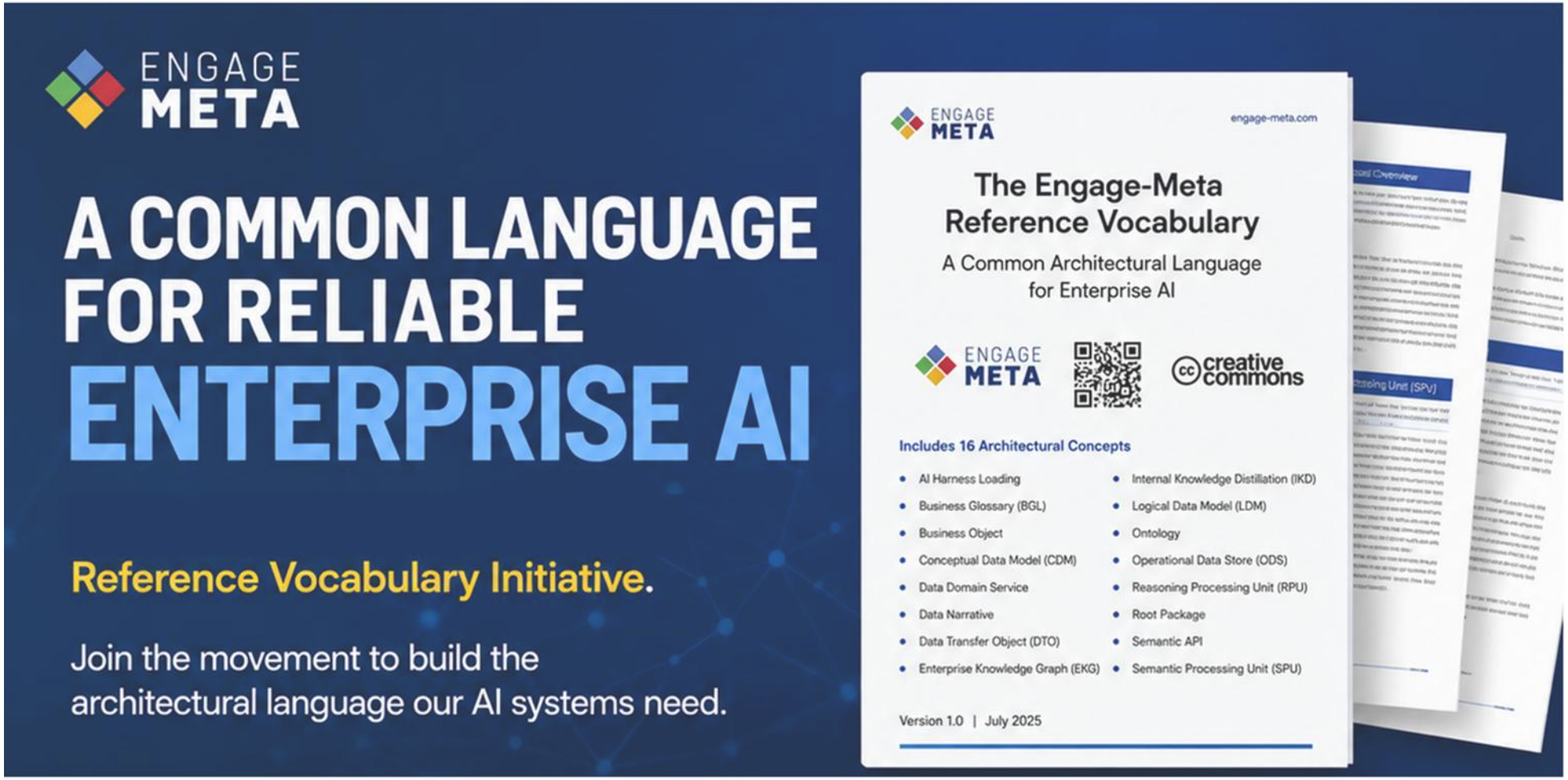


Semantic API contracts - Business operations - Business Objects - Technical API bindings

Operational Data Store (ODS) design - Identity Resolution - Data History - Data Quality rules

Implementation of all or part of the Semantic Exposure Pipeline – SPU Knowledge Organization – Governed Knowledge Exposure to AI Agents

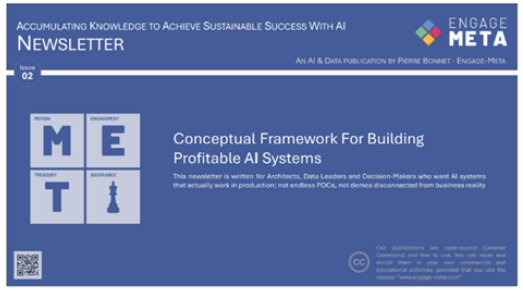
A Common Language for Reliable Enterprise AI



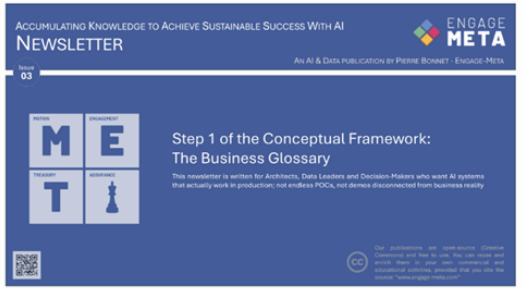
Practical White Papers

1. Why AI needs Semantics

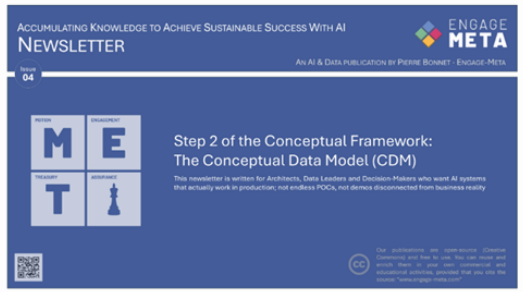
2. Conceptual Framework



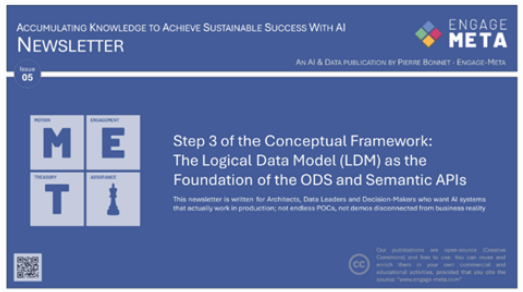
3. Business Glossary



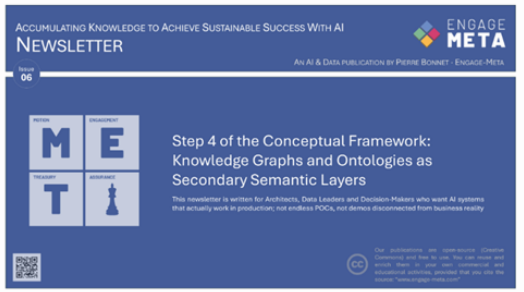
4. Conceptual Data Model



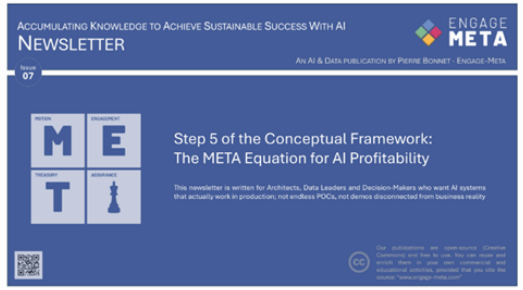
5. Logical Data Model — Semantic API



6. Knowledge Graphs & Ontologies



7. META Equation For AI Profitability



8. Putting It All Together

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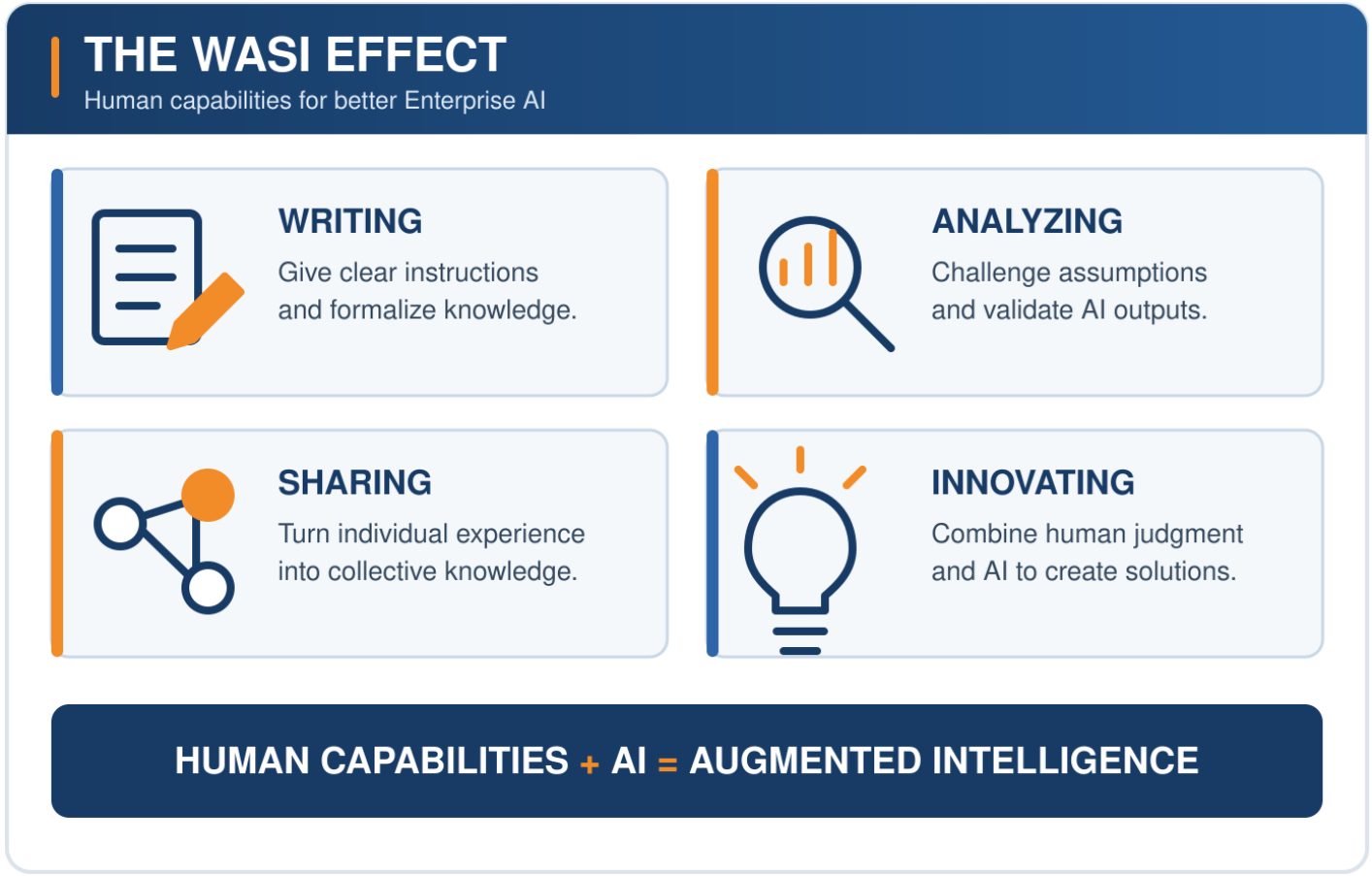
- **Impact of AI on Human Skills**
- How to Get Started the Right Way

The Soft Skills for Augmented-Human Capabilities



Knowledge management reinforces the human–AI feedback loop by capturing relevant tacit knowledge and transforming it into governed, reusable enterprise knowledge

The stronger the WASI capabilities, the more effectively people and AI can work together; and the more reliable and valuable Enterprise AI systems become

Four Questions for Human–Agent Collaboration (1/4)

M

MOTION

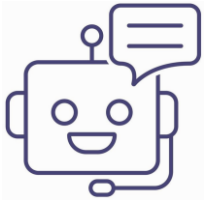
MOTION — MOVE

Why must we act?

Clarifies the purpose and sense of necessity that sustain commitment over time.

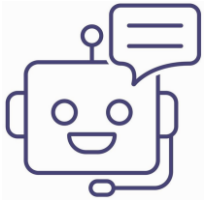
PURPOSE | VALUES | AMBITION

RESULT: SUSTAINED DIRECTION



Why Should I Act?

Four Questions for Human–Agent Collaboration (2/4)



What Should I Do to Minimize the Risk of Getting It Wrong?

Four Questions for Human–Agent Collaboration (3/4)

TREASURY — FINANCE

How will value be created and sustained?

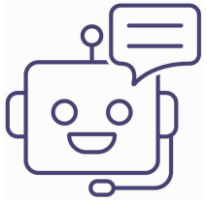
Examines the resources and mechanisms required to make the activity sustainable.

RESOURCES | FINANCING | VALUE

RESULT: SUSTAINABLE VALUE

T

TREASURY



How Should I Create Sustainable Value?

Four Questions for Human–Agent Collaboration (4/4)

ASSURANCE — PROTECT

How will the activity and value be protected?

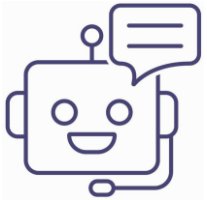
Defines the governance and safeguards that protect stakeholders and created value.

GOVERNANCE | RISKS | SAFEGUARDS

RESULT: RESPONSIBLE GROWTH

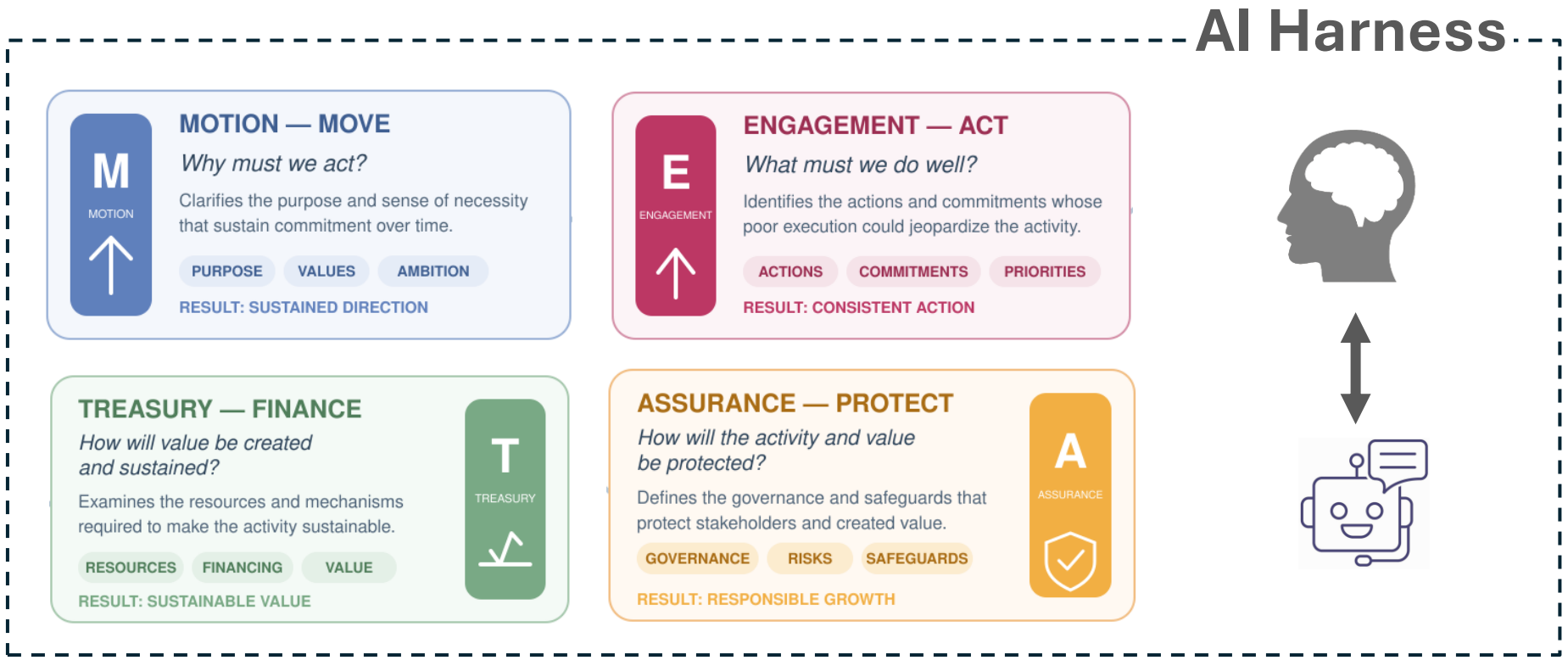
A

ASSURANCE



What Should I Protect?

META Provides a Shared Reasoning Framework for Human–Agent Collaboration



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Step 1 — Explore

Understand your business objectives, AI opportunities and existing information foundations

Step 2 — Evaluate

Assess the gaps between business ambition, knowledge, data, architecture and AI capabilities

Step 3 — Build & Learn

Start with a bounded business domain, measure value, govern what you learn and progressively scale

Explore Engage-Meta Further

Thank You

PIERRE BONNET - Contact me to discuss your Enterprise AI priorities

pierre.bonnet@hlfl-consulting.com · engage-meta.com

Explore Engage-Meta

HLFL Consulting is Pierre Bonnet's advisory company. Engage-Meta is the open-source community behind the reference framework