Sustainable AI Systems

TRAIDA Service Offer Presentation

Transformative AI and Data Solutions

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What This Offer Is Really About

✗ It is not about tools, demos, or quick AI proofs of concept

✓ It is about building AI systems that actually work in production, scale over time, and remain economically sustainable

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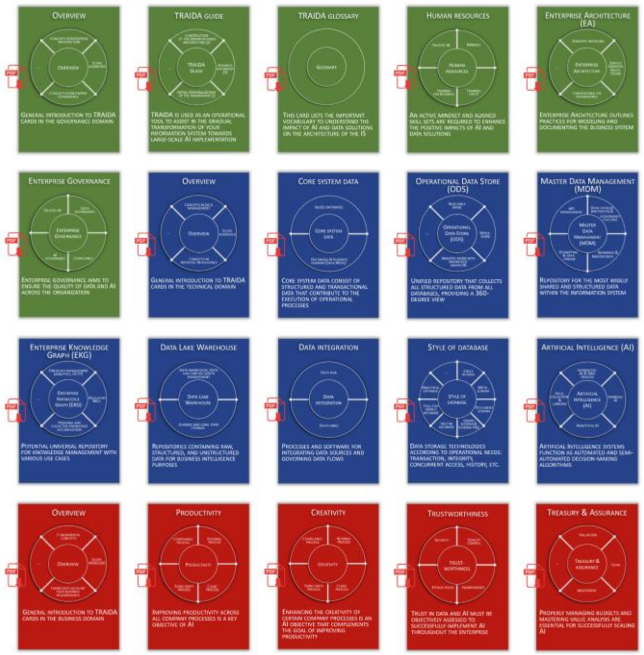
TRAIDA & SPU Foundations

TRAIDA

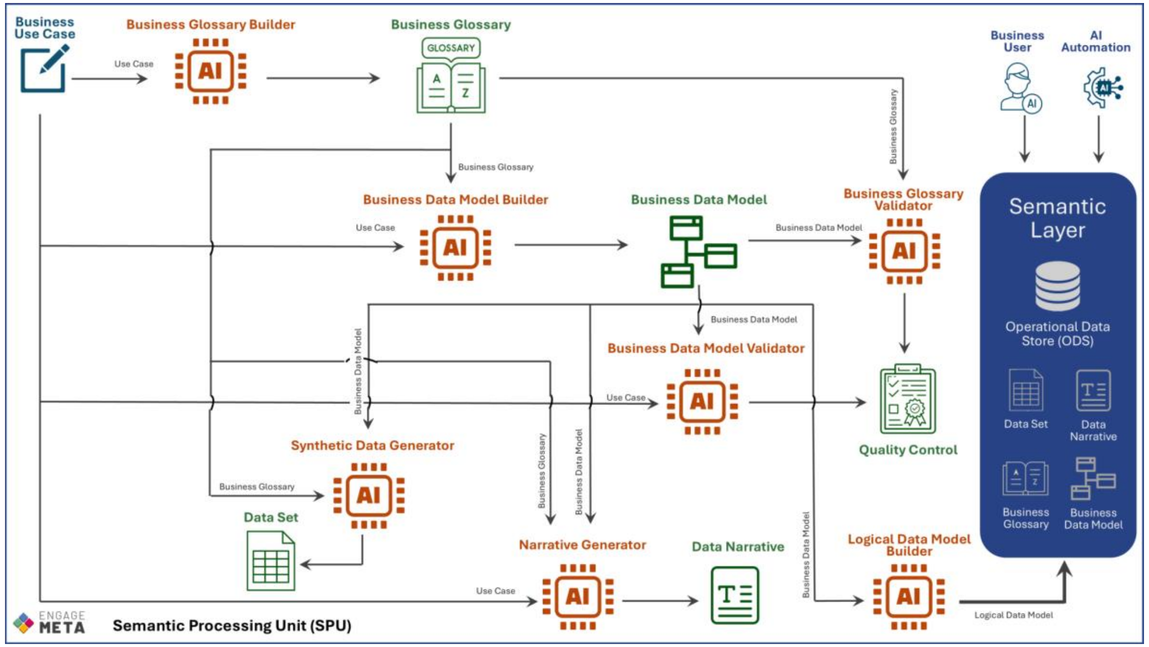
Transformative AI & Data Solutions



The TRAIDA framework consists of 20 cards and 65 topics to address AI and the associated data solutions

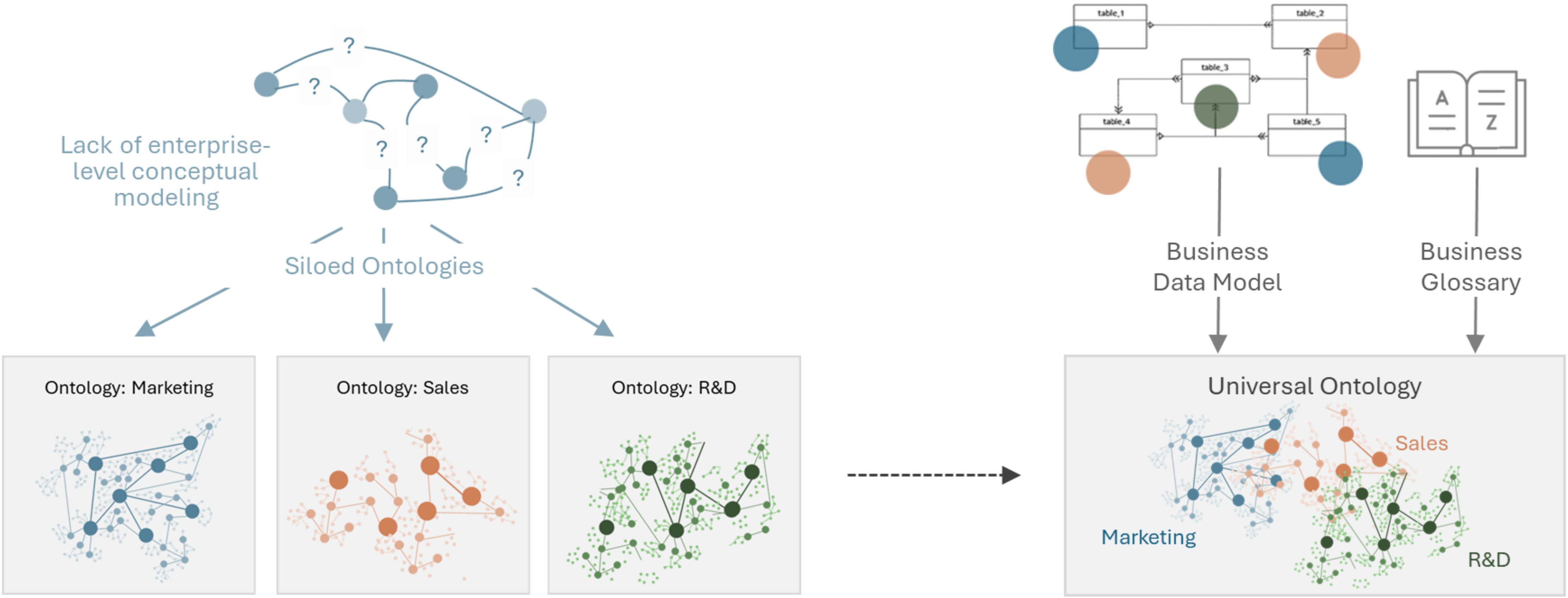
SPU

Semantic Processing Unit



The SPU is a method for building the Semantic Layer that relies on conceptual data modeling and is based on a set of specialized AI agents designed to assist with modeling

Business Data Model as the Foundation



These ontologies remain disconnected. They overlap, diverge, and quickly become inconsistent

This is how a universal enterprise ontology emerges -> Not by design alone but by grounding semantics in business reality

Offer 01: Secure the Foundation

OFFER 01

Semantic Layer
for Profitable AI

We use the Semantic Processing Unit (SPU) data modeling methodology and its 7 ChatGPT AI Modeling Agents to secure and accelerate the Business Data Model design. The work is carried out in close collaboration with your business and technical teams.

The Business Data Model is the core component of your Semantic Layer. It enables you to train your AI systems and add the necessary RAG components to reduce hallucinations. You can then extend the Semantic Layer with ontologies (Knowledge Graphs) that are derived from the Business Data Model in a standardized way.

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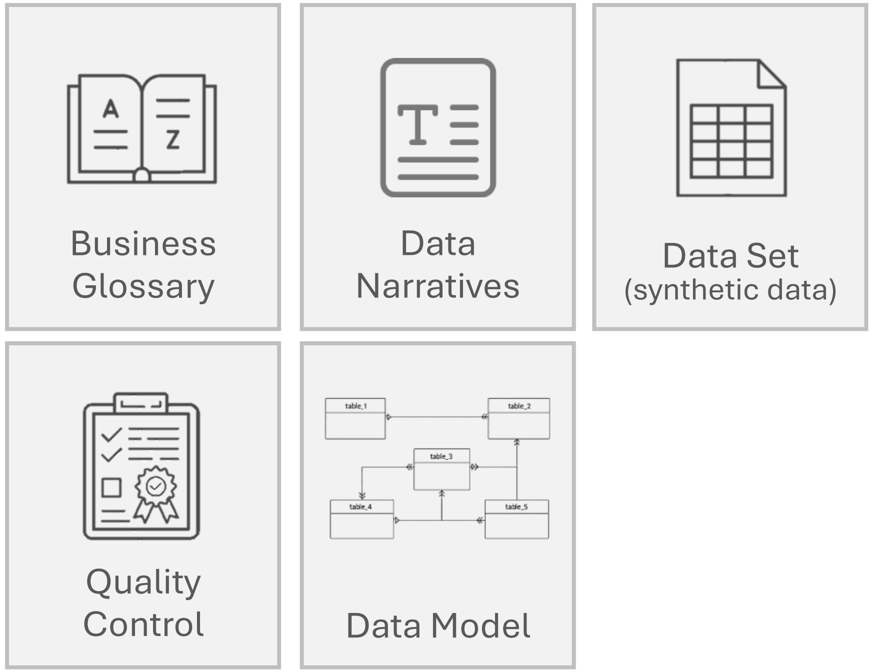
BUSINESS DATA MODEL IS TYPICALLY DELIVERED WITHIN **3–5 MONTHS** WITH LESS THAN **60 PERSON-DAYS** OF EXPERT EFFORT



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Offer 02: Decide Before You Invest

OFFER 02

Economics & Implementation Roadmap

for Profitable AI

The design outlines the IT solution choices tailored to your context, along with a roadmap for implementation. This may involve a fully SaaS-based no-code approach, a low-code solution, and integration with composable ERPs.

The following topics are covered: Business Architecture, Logical Architecture, Technical Stack, and Physical Architecture; Methodology and Governance; Financial Analysis; and Implementation Roadmap.

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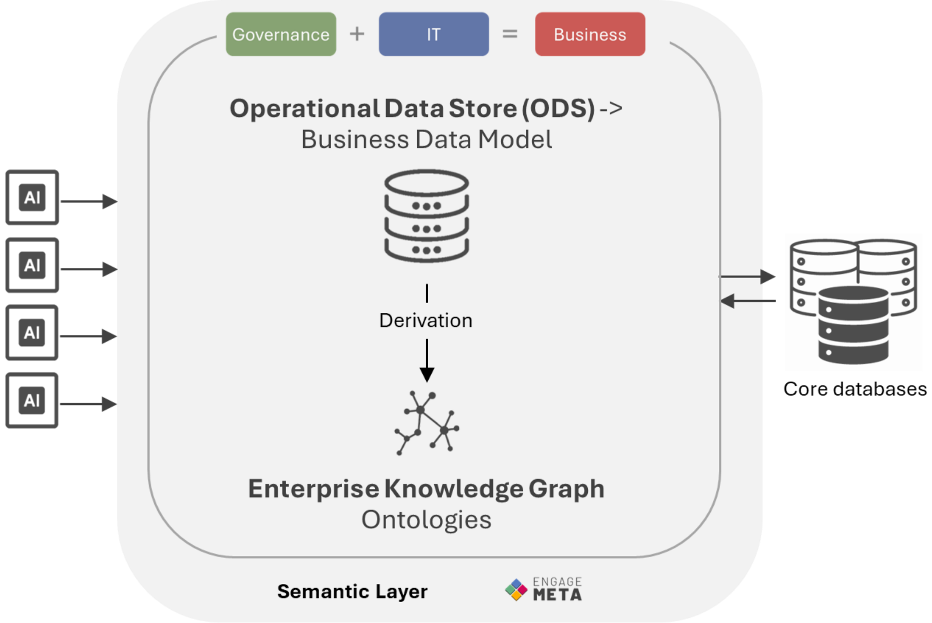
THE ARCHITECTURE SURVEY, ECONOMICS & ROADMAP IS TYPICALLY COMPLETED IN UNDER **3 MONTHS** WITH FEWER THAN **30 PERSON-DAYS** OF EXPERT EFFORT



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Offer 03: Remove Dependency

OFFER 03

Enabling IT teams
for Profitable AI

With the “TRAIDA Enablement Program” we train your IT teams in NoCode - AI - Data through an 8-week support program that includes: the TRAIDA Masterclass and Workshop, four practical assignments, and the development of a first version of the TRAIDA methodology tailored to your context.

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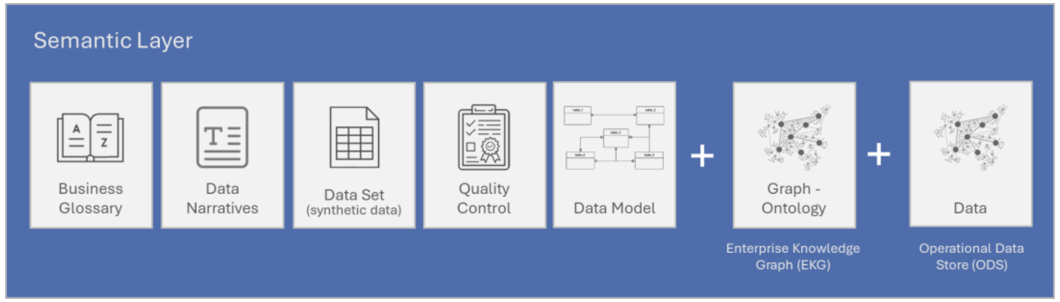
THIS PROGRAM ENABLES YOUR TEAMS TO SUSTAINABLY OWN, OPERATE, AND EVOLVE THE SEMANTIC LAYER AND AI ARCHITECTURE



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Entry Points

MasterClass
TRAIDA

- A half-day discovery masterclass followed by a half-day, context-specific workshop, designed to help decision-makers and technical leaders align on the fundamentals of AI- and data-driven IT transformation.
- This session provides a shared understanding of key architectural, data, and AI concepts, and creates a first structured dialogue around opportunities, constraints, and next steps.

Stater Pack
NoCode Data & AI

- A hands-on starter package to experiment with NoCode–Data–AI, combining a first database, a simple automation workflow, and an initial LLM step in a SaaS environment.
- This package is intended as an educational and engagement accelerator, not as a production system, helping business and technical teams concretely explore NoCode–Data–AI principles before scaling.

What You Actually Get

Following Slides

OFFER 01

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for Profitable AI

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LIMITATIONS OF THE SCOPE OF WORK

- **Scope limitation:** Up to 10 functional domains (e.g., Admin & HR, Planning & Supply, QA, R&D, Production, Finance & Accounting, Marketing, Sales).
- **Attribute limitation:** Approximately 10 business attributes per table. Beyond this threshold, modeling value decreases, as further refinement naturally occurs during development and use-case customization.
- **No reporting-specific modeling:** Reporting will be handled generically through a dedicated reporting tool, to be evaluated and positioned during the parallel technical study.
- **No unstructured data modeling:** Only essential metadata will be captured for governance purposes. A graph-oriented database will be evaluated to transform document repositories into actionable knowledge.

DELIVERABLES OF THE WORK

- **Business Data Model:** produced with Visual Paradigm, using the XMI standard, covering both the conceptual level (UML Class Diagrams) and the logical level (Entity-Relationship Diagrams).
- **Business Glossary & Codification Rules:** Delivered as an Excel file.
- **Synthetic data & Business Narratives** to explain the Business Data Model.
- **Methodological support:** Guidance to ensure business use cases reach the level of detail and quality required for effective data modeling. This use-case list also underpins the implementation plan addressed in the technical architecture work and later serves as the basis for organizational process modeling.
- **Autonomy enablement:** Our SPU (Semantic Processing Unit) method and TRAIDA AI Assistants, included in the engagement, will subsequently enable you to independently evolve your business glossary and Business Data Model.

USING THE SPU, AN ENTERPRISE-SCALE BUSINESS DATA MODEL IS TYPICALLY DELIVERED WITHIN **3–5 MONTHS**, WITH LESS THAN **60 PERSON-DAYS** OF EXPERT EFFORT.

Offer 02

Economics & Implementation Roadmap

for Profitable AI

The design outlines the IT solution choices tailored to your context, along with a roadmap for implementation. This may involve a fully SaaS-based no-code approach, a low-code solution, and integration with composable ERPs.

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Limitations of the scope of work

- **Audience**: The report is intended for decision-makers responsible for committing human and financial resources to the company's AI and data transformation.
- **Scope limitation:** The deliverable consists of a report of up to 40 pages, accompanied by a presentation deck of approximately 20 slides.
- **No technical implementation or POC:** This engagement is limited to architecture design and analysis. It does not include technical implementation, software development, testing, or the execution of proofs of concept (POCs).

Deliverables of the work

- **Technical architecture and financial analysis report:** Designed to support enterprise-scale AI implementation. The technical stack is structured around the following layers: data management (such as Supabase with RLS) and Knowledge Graph; data integration (EDA, ETL, EAI...); rapid application development (such as Retool, Mendix...); automation (such as N8N, ProcessMaker...); security; and governance.
- **Financial scope**: Organized around an analysis of CAPEX, OPEX, ROI, and NCO.
- **Roadmap**: based on an inventory of use cases (typically fewer than 100, produced during the construction of the Semantic Layer), a 3-year roadmap is developed with two or three deployment scenarios.

Thanks to our methodology, the architecture survey is typically completed in under **3 months** with fewer **than 30 person-days** of expert effort.

Offer 03

Enabling IT teams for Profitable AI

With the "TRAIDA Enablement Program" we train your IT teams in NoCode - AI - Data through an 8-week support program that includes: the TRAIDA Masterclass and Workshop, four practical assignments, and the development of a first version of the TRAIDA methodology tailored to your context.

Limitations of the scope of work

- The program is designed to support up to 20 engineers, organized into four working groups.
- This is not a programming or tool-usage training course, but a strategic enablement program focused on building a deep understanding of the technical foundations required to deploy profitable AI at scale. Achieving this objective requires strengthening capabilities in data modeling, information system architecture, and artificial intelligence.

Deliverables of the work

- ✓ The program consists of four structured exercises delivered over an eight-week period. Each exercise is launched with a half-day session led by our consultant to present the objectives and expected outcomes. Over the following two weeks, our consultant provides support through Q&A exchanges and online working sessions, with a total availability of approximately one day per exercise.
- ✓ Upon completion of the program, each participant receives a "TRAIDA Expert" certificate, awarded based on a final TRAIDA quiz.
- ✓ The engagement also includes a dedicated presentation deck (approximately ten slides) detailing how the TRAIDA methodology is customized to your context, as well as access to the TRAIDA AI Assistants for building the Business Glossary and Business Data Model.
- ✓ By the end of the program, your engineering team is expected to be autonomous in applying NoCode–AI–Data principles, with a strong strategic understanding of their implementation.

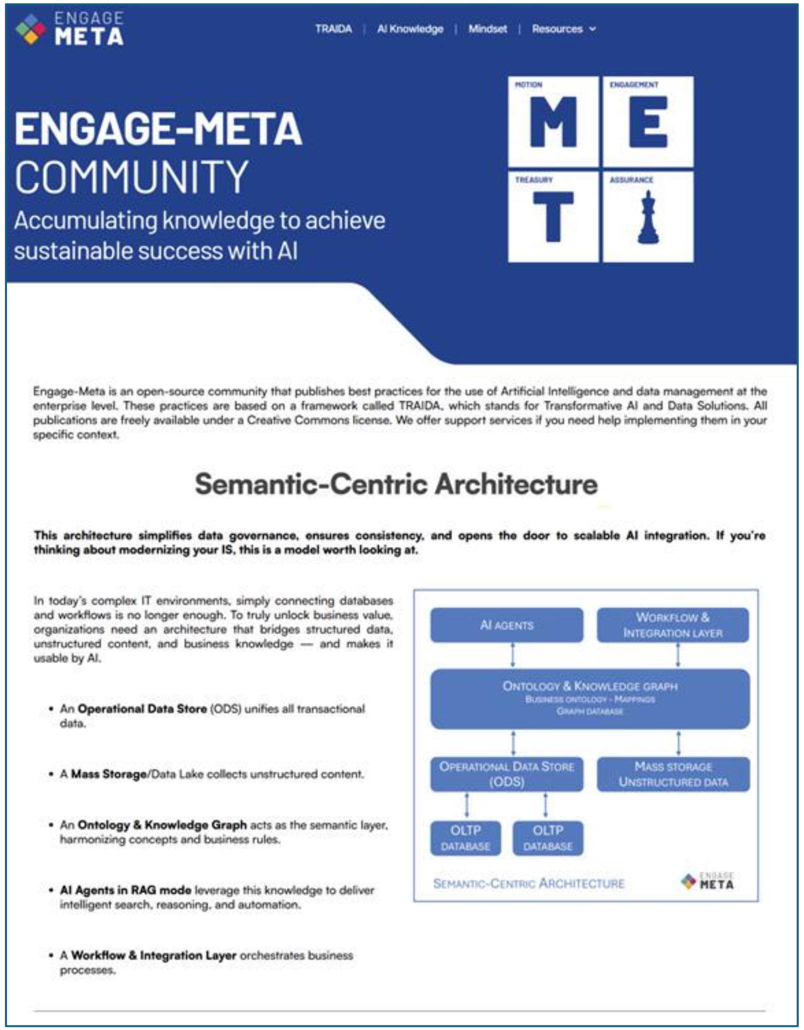
This program completes the Engage-Meta journey by enabling your teams to sustainably own, operate, and evolve the Semantic Layer and AI architecture defined in Offers 01 and 02 without long-term dependency on external consultants.

Contact us

ENGAGE-META IS AN OPEN-SOURCE COMMUNITY THAT SHARES BEST PRACTICES FOR ENTERPRISE-LEVEL AI AND DATA ARCHITECTURE

ALL THE CONTENT IS ON THE ENGAGE-META COMMUNITY SITE WITH **FREE ACCESS (OPEN SOURCE)**

WWW.ENGAGE-META.COM



Thank you!

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