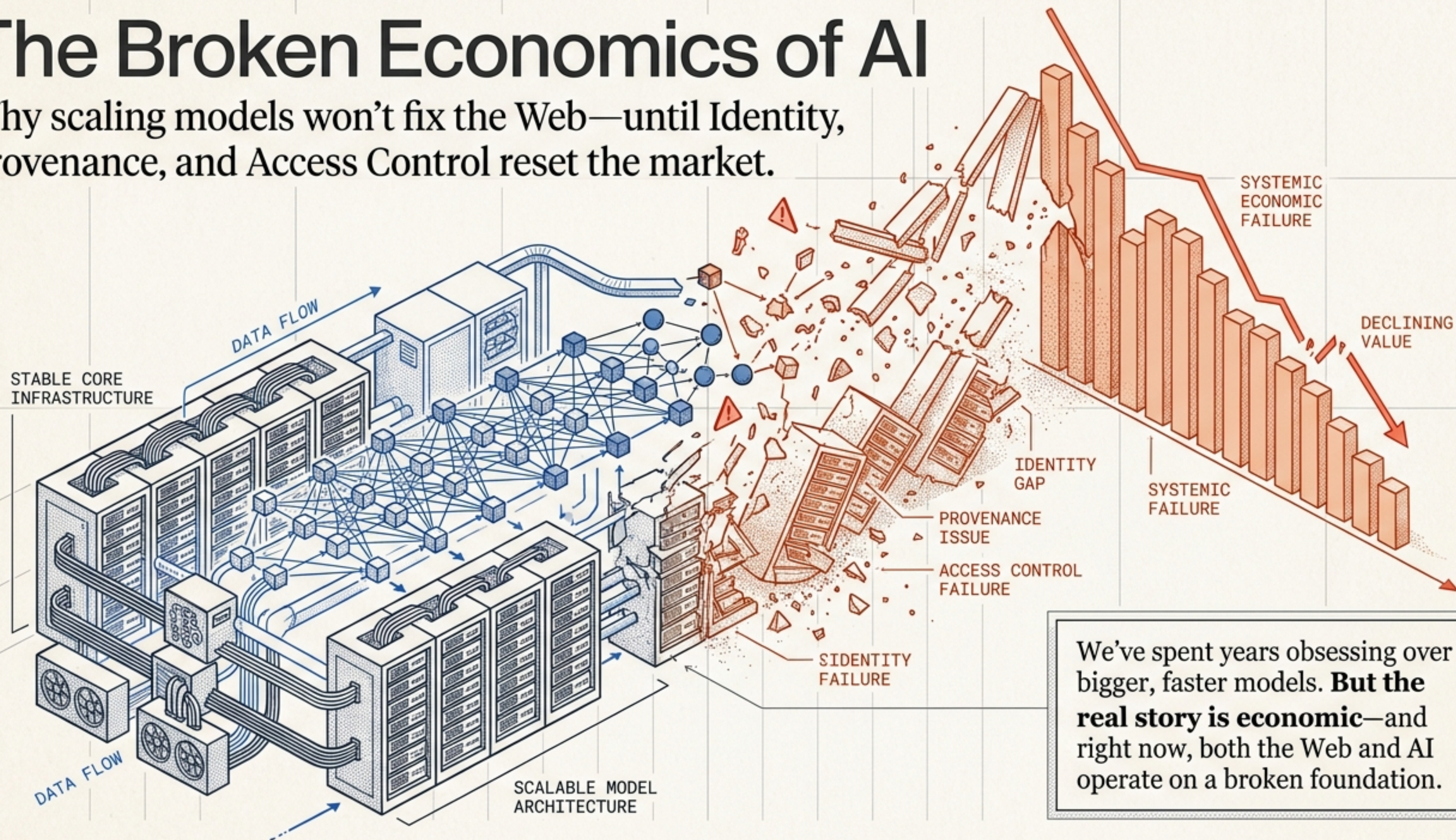
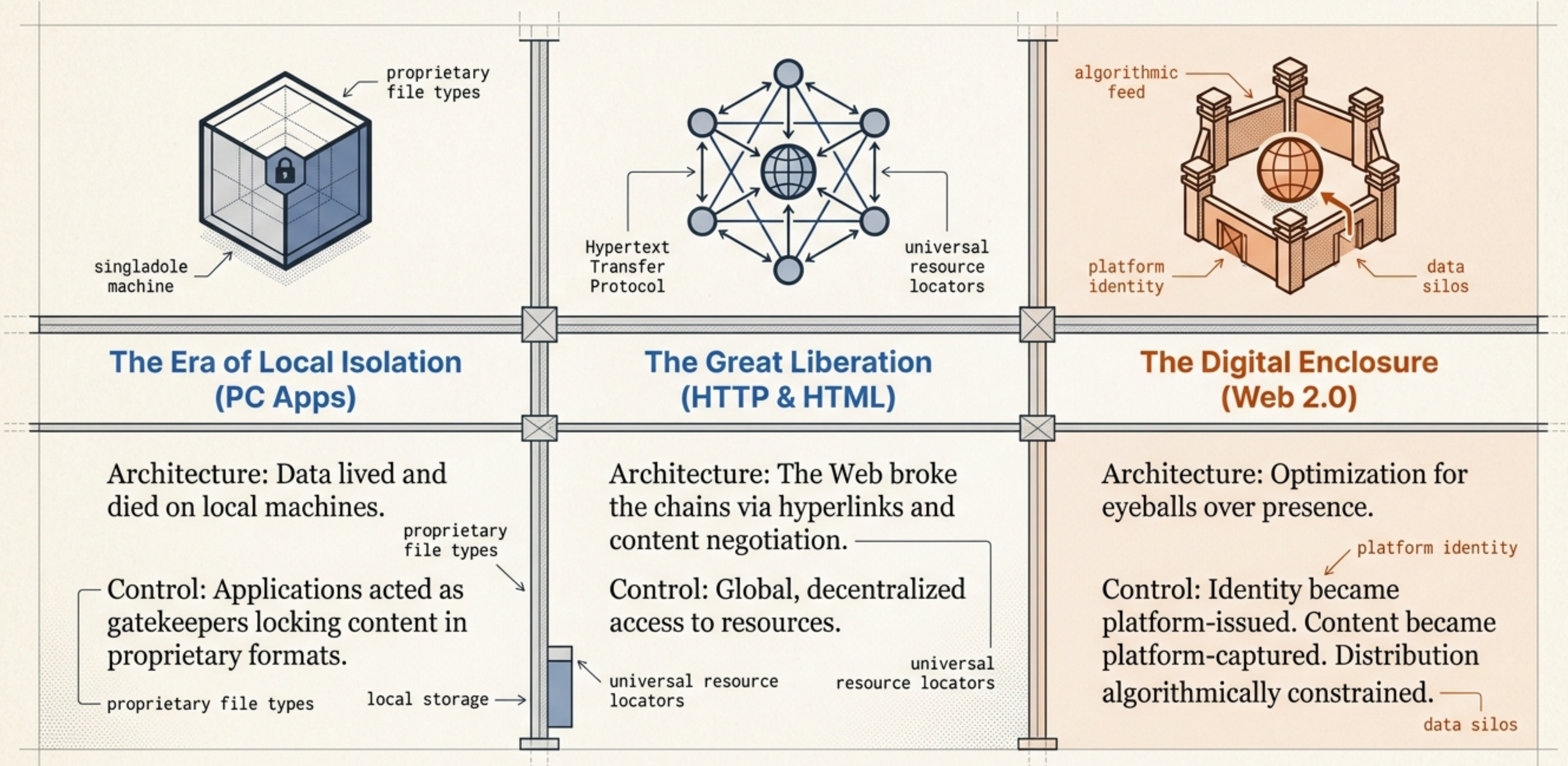


The Broken Economics of AI

Why scaling models won't fix the Web—until Identity, Provenance, and Access Control reset the market.

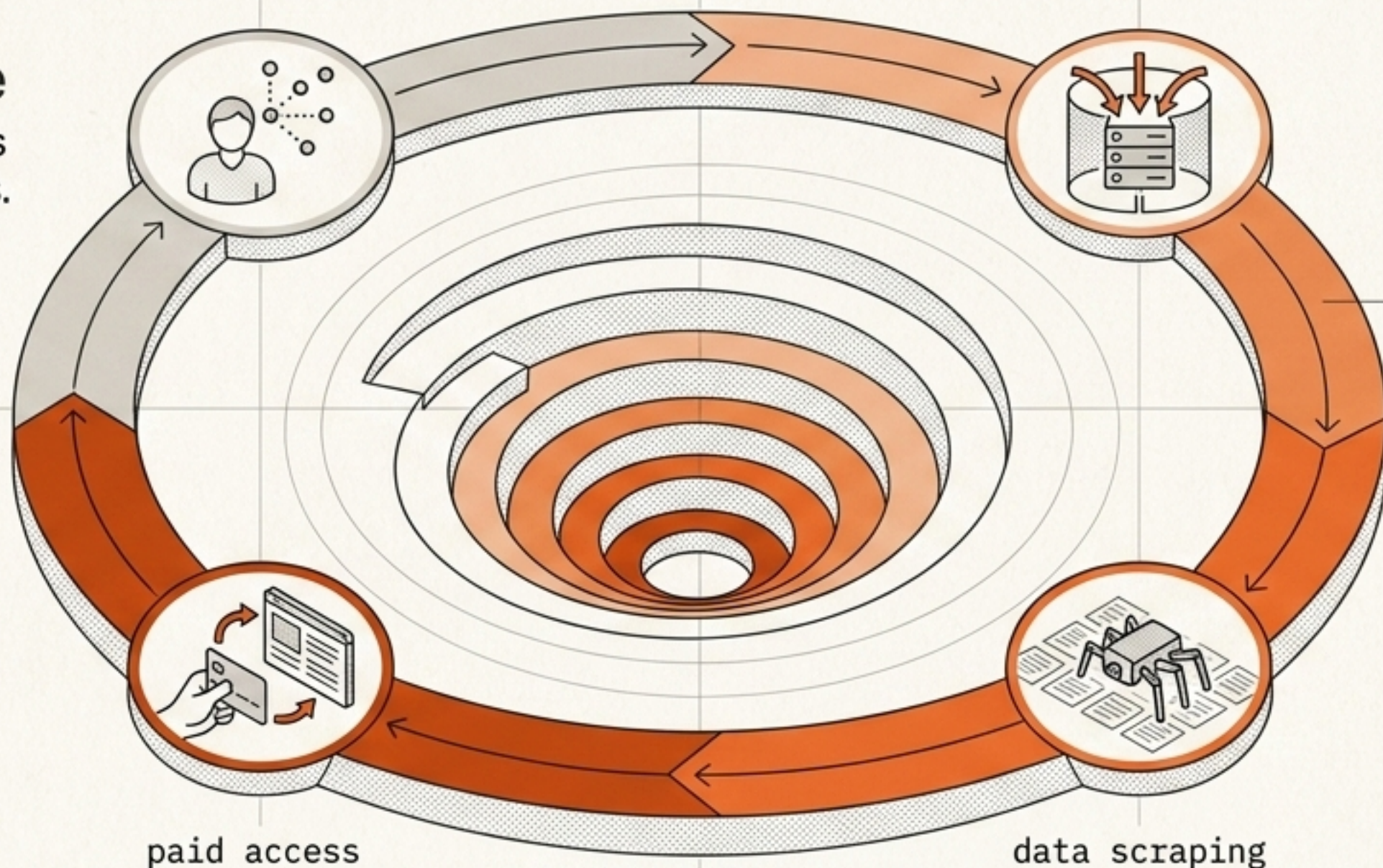


A Familiar Pattern: From Liberation to Capture



The AI Extractive Loop

Users Create
Raw material is generated by individuals.



Platforms Silo
Data is captured and monetized by centralized aggregators.

platform aggregators

Users Pay
Creators are charged to consume the very context they generated.

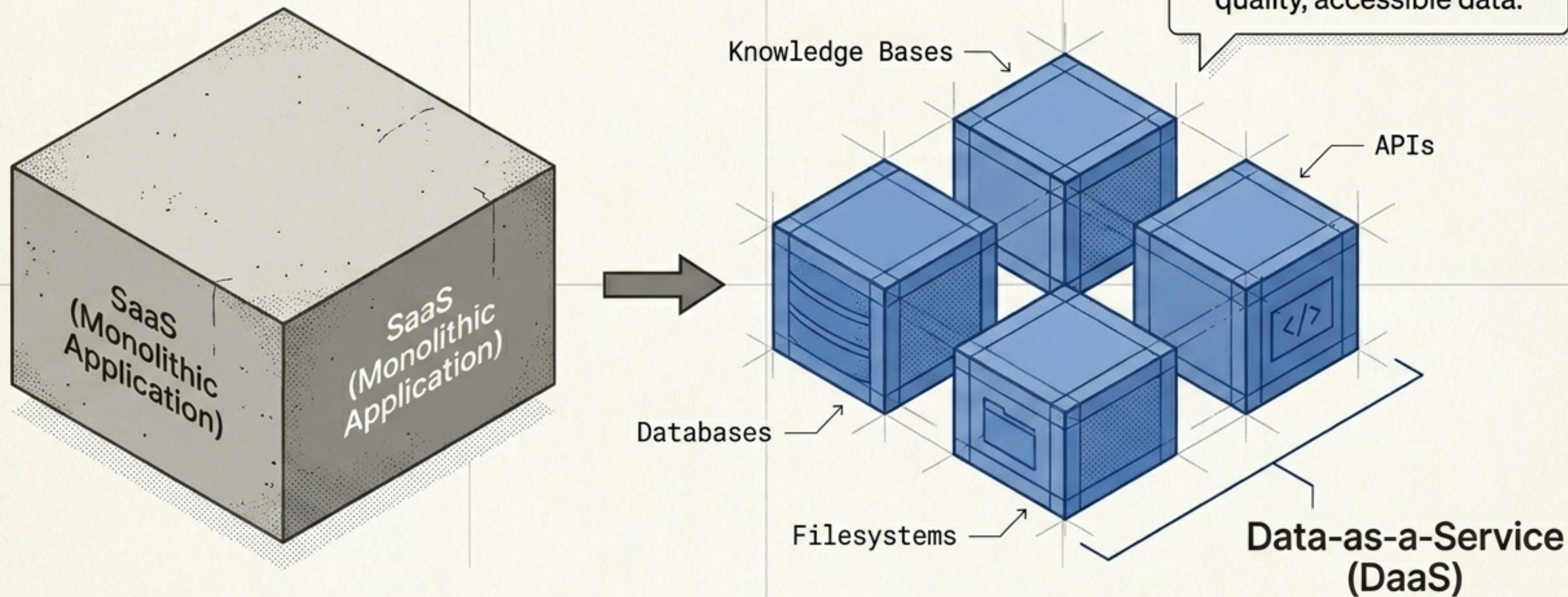
paid access

LLMs Crawl
AI models scrape and tokenize the trapped data.

data scraping

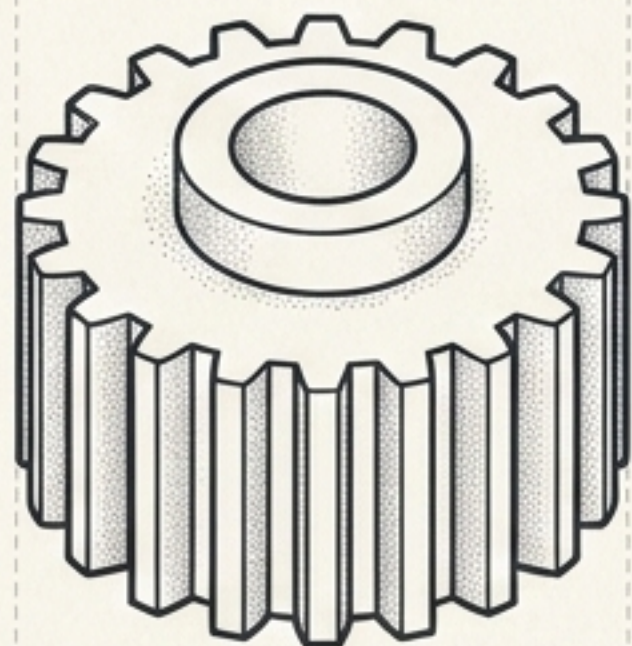
AI didn't create this problem. It exposed and amplified it.

Redefining Value: SaaS → DaaS



Value moves from GUI-centric applications to Data-as-a-Service (DaaS).

Expertise Becomes Executable: SaaS → SaS



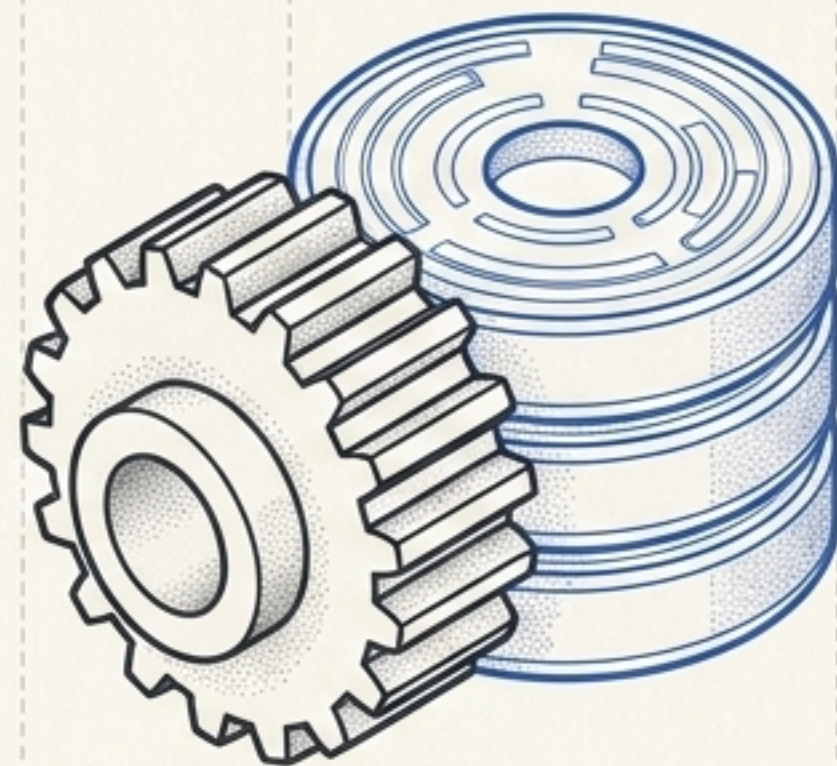
Procedures

+



Data Spaces

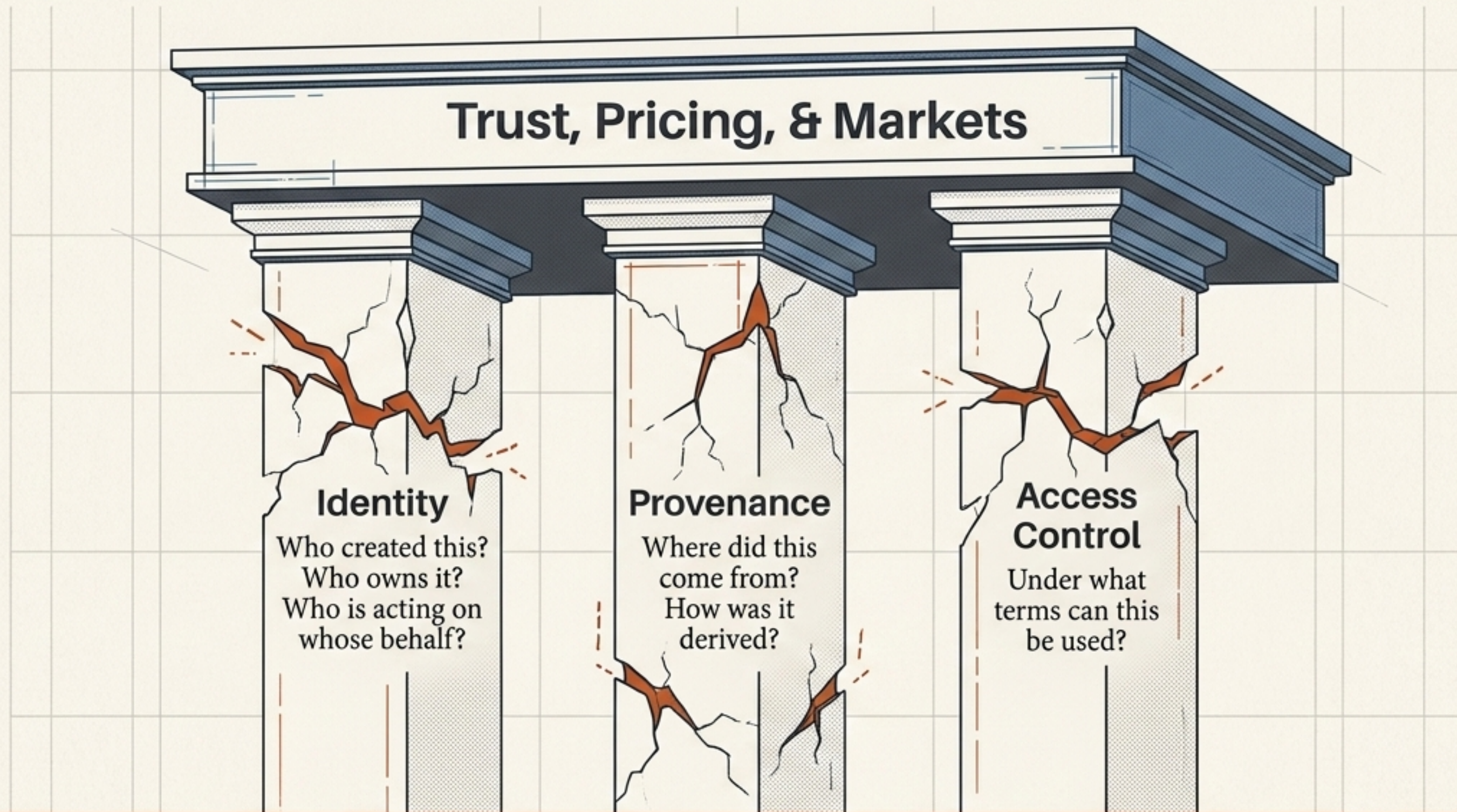
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Service-as-Software (SaS)
encapsulated as AI Agent Skills

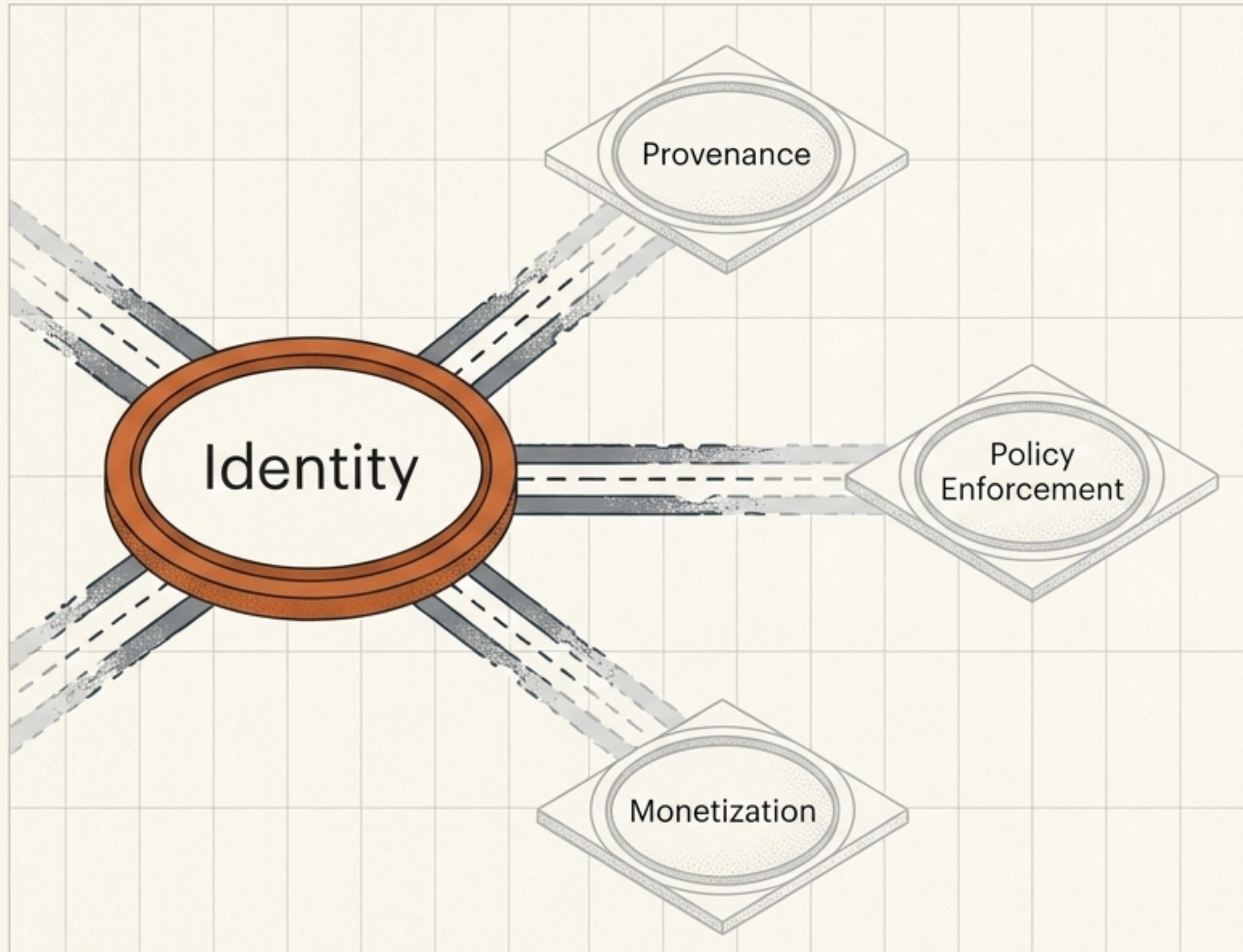
A service is no longer something performed by a human. It becomes a reusable, composable skill delivered programmatically.

The Foundation Fails: The Missing Primitives



Without these three primitives acting as first-class citizens, there is no trust, no pricing, and no market for AI Agent economies.

The Real Bottleneck: Identity



Identity remains fundamentally broken.

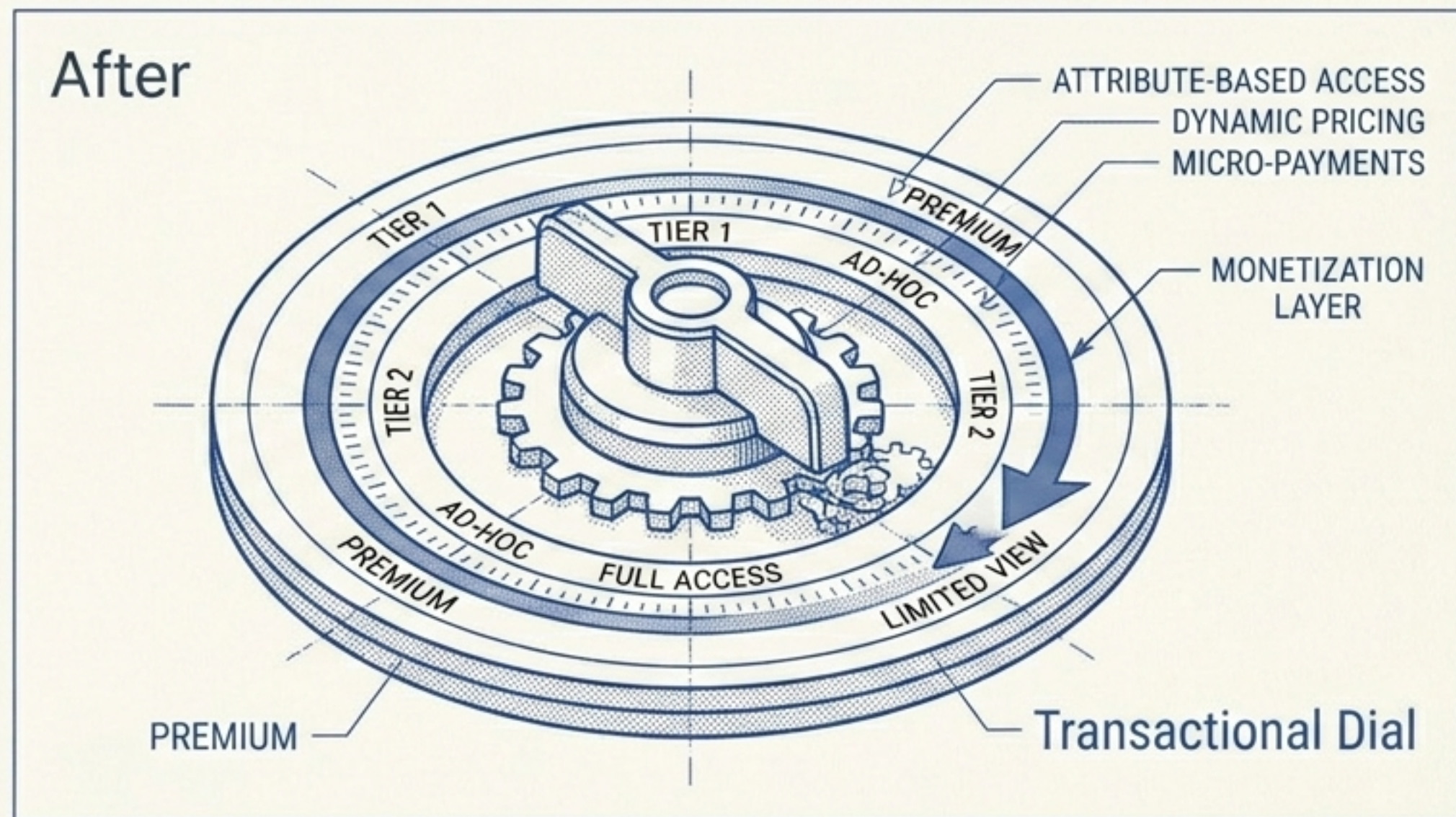
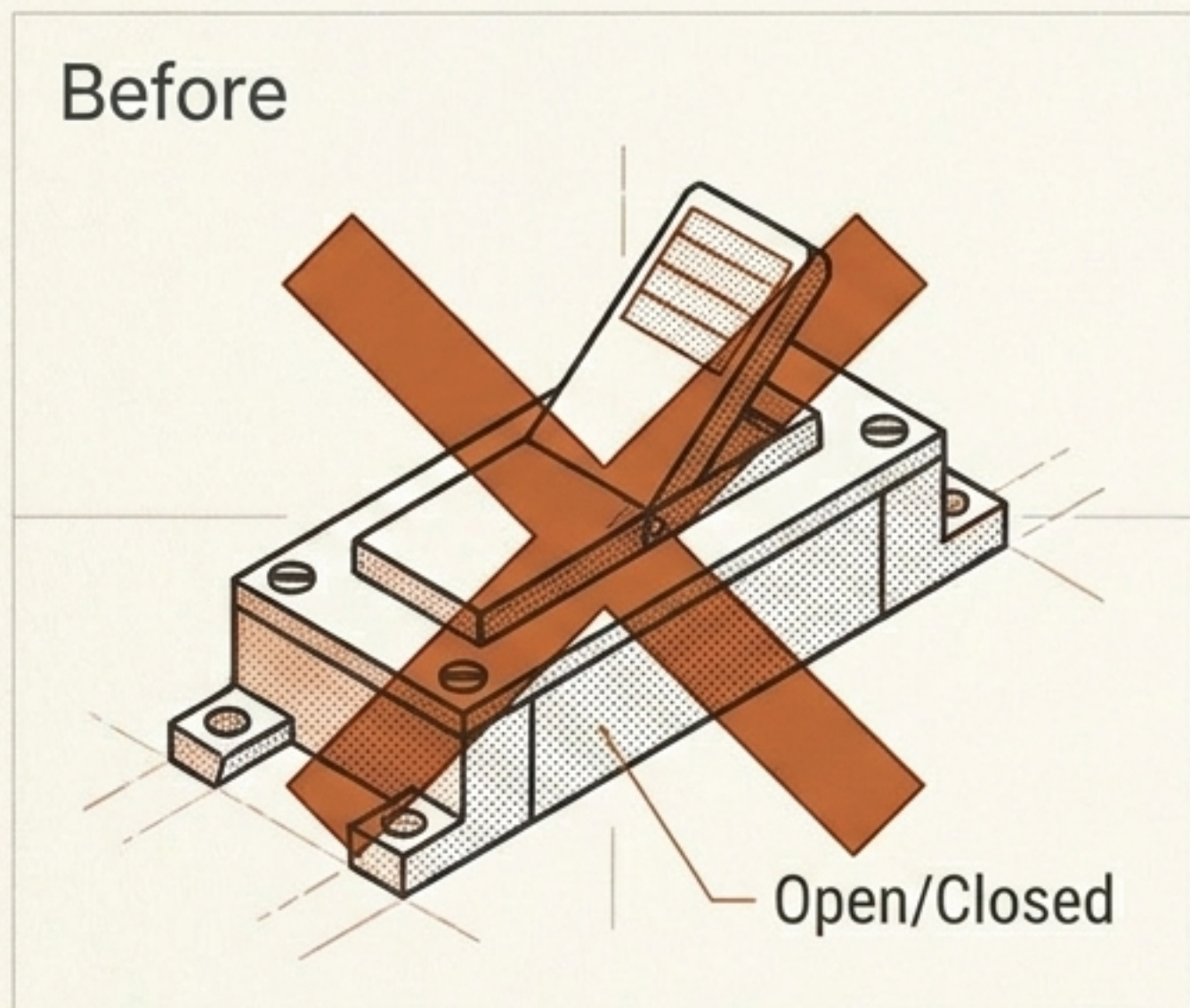
The Ripple Effect:

- Provenance fails.
- Policy enforcement weakens.
- Monetization collapses.

Fix identity, and everything else becomes viable. This is exactly what the Semantic Web facilitates.

The Economic Engine: ABAC

Fine-grained, attribute-based access control is not just for security—it is the monetization layer.

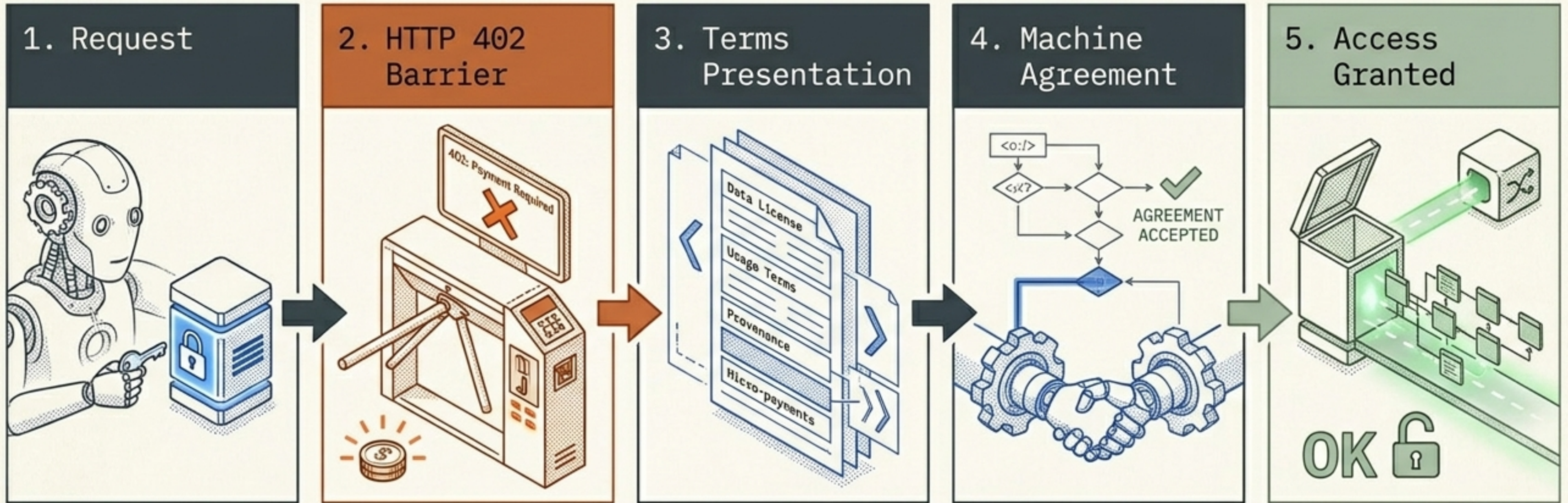


- Access becomes transactional, not binary.

- Applies seamlessly to both:

- Data (DaaS)
- Skills (SaS)

Visualizing the Agentic Transaction



1. Request

AI Agent attempts access to a dataset or skill.

2. HTTP 402 Barrier

System returns Payment Required protocol.

3. Terms Presentation

Granular terms and ontologies are presented to the Agent.

4. Machine Agreement

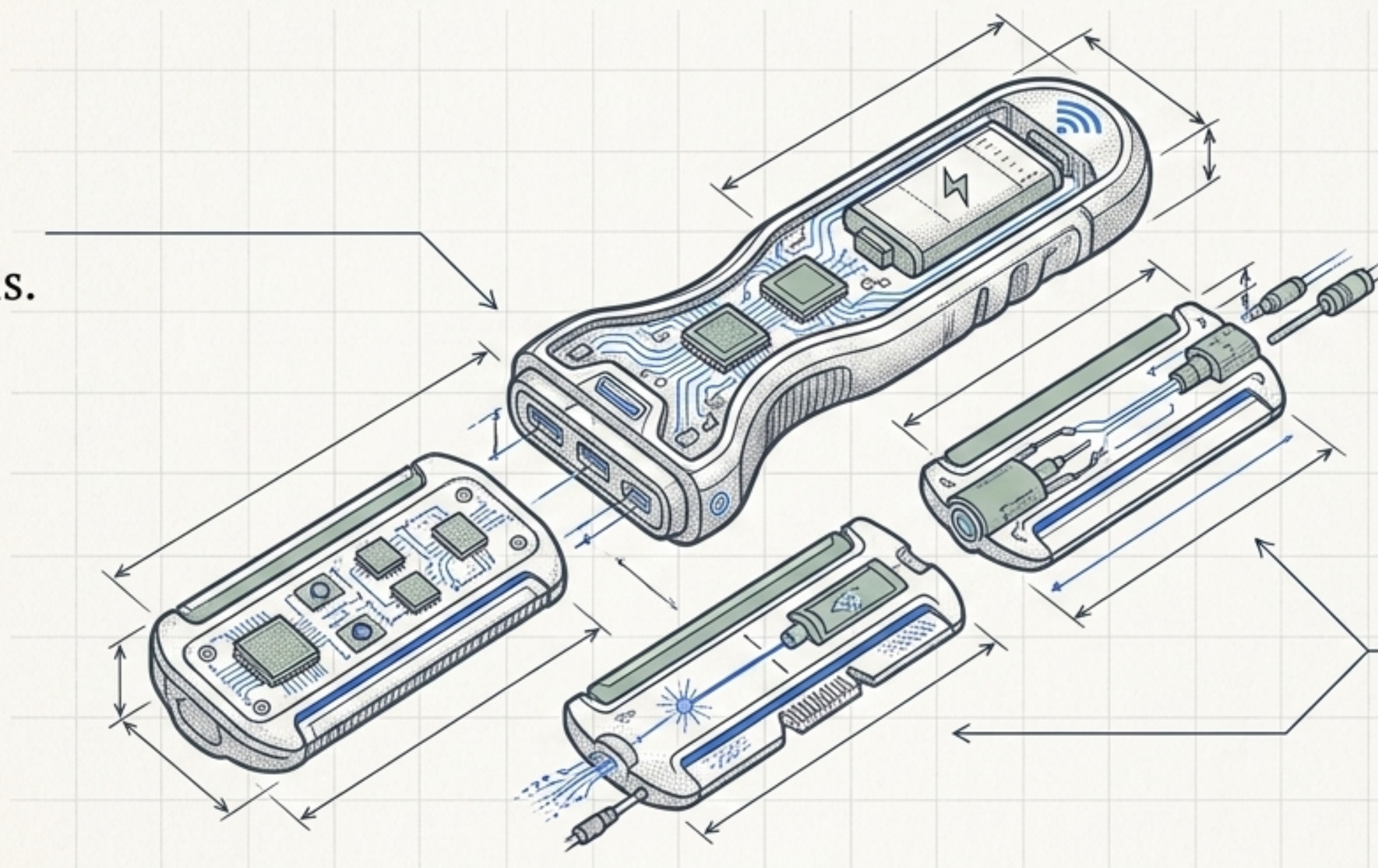
Agent programmatically evaluates and accepts terms.

5. Access Granted

Data/Skill payload is unlocked and delivered.

The Razor-and-Blades Model, Reimagined

The Handle:
Agents and Skills.



The Blades:
Access to granular
data and specialized
expertise.

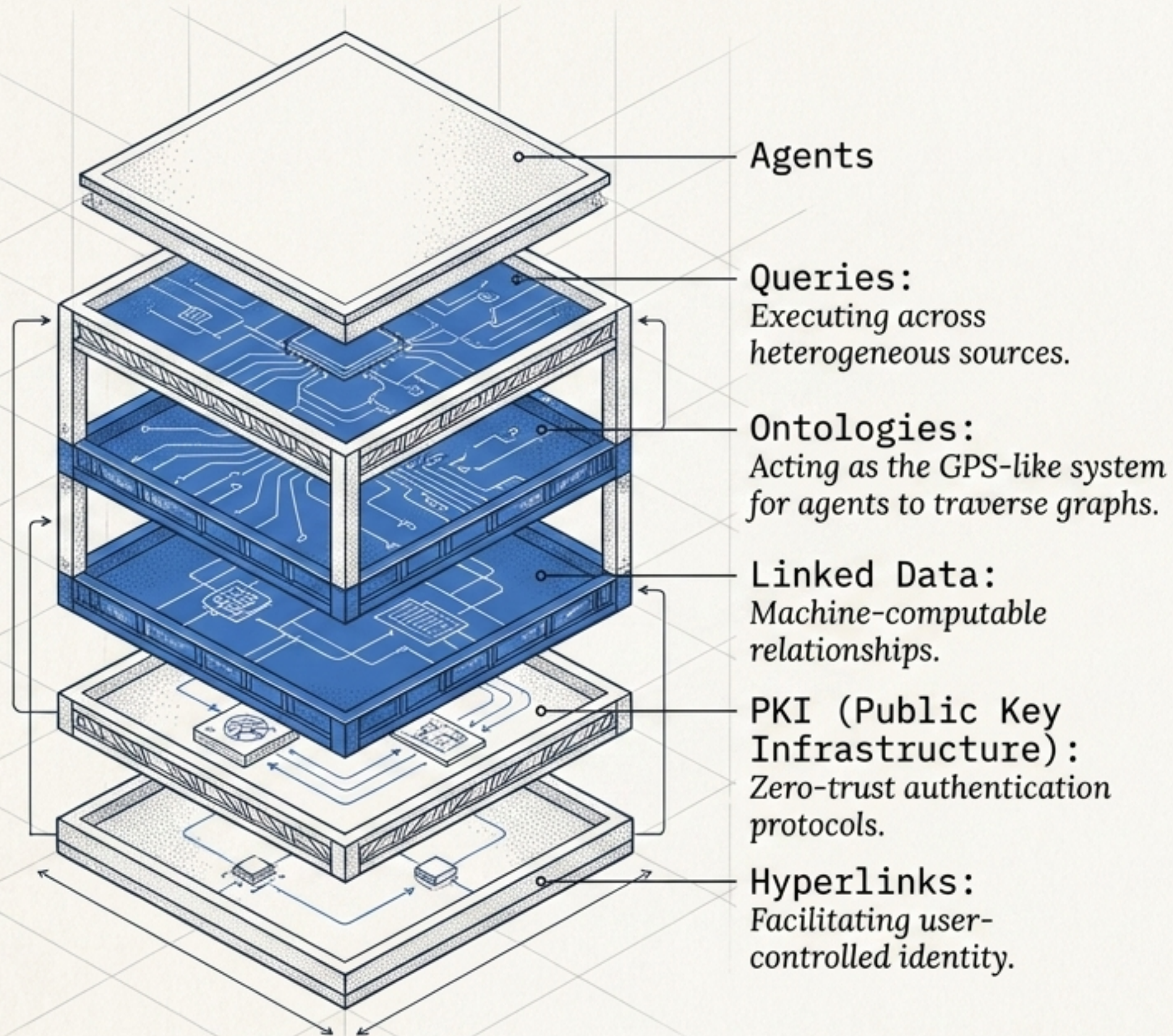
The Modern Upgrades:

✓ Pricing is fine-grained.

✓ Terms are machine-enforced.

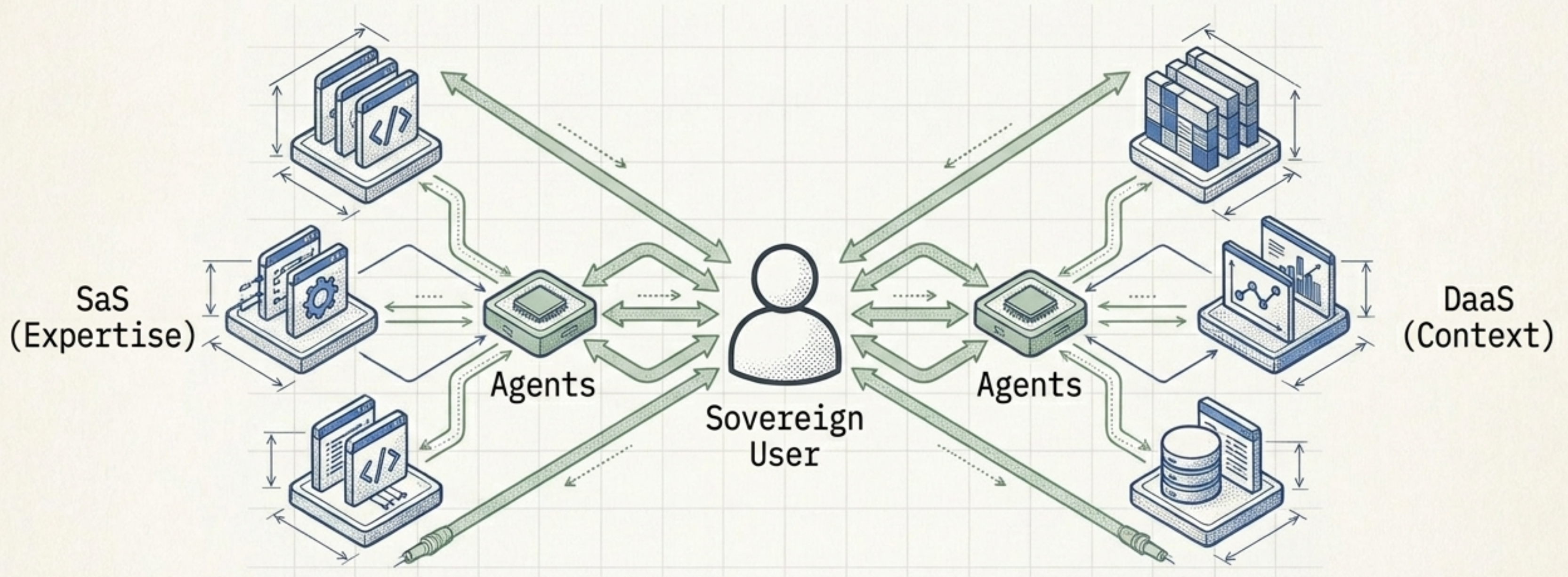
✓ Policies are ontology-driven.

The Return of the Web (via the Semantic Web)



The Semantic Web is the natural, operational complement to the age of AI Agents.

The Agentic Web: Undoing Web 2.0

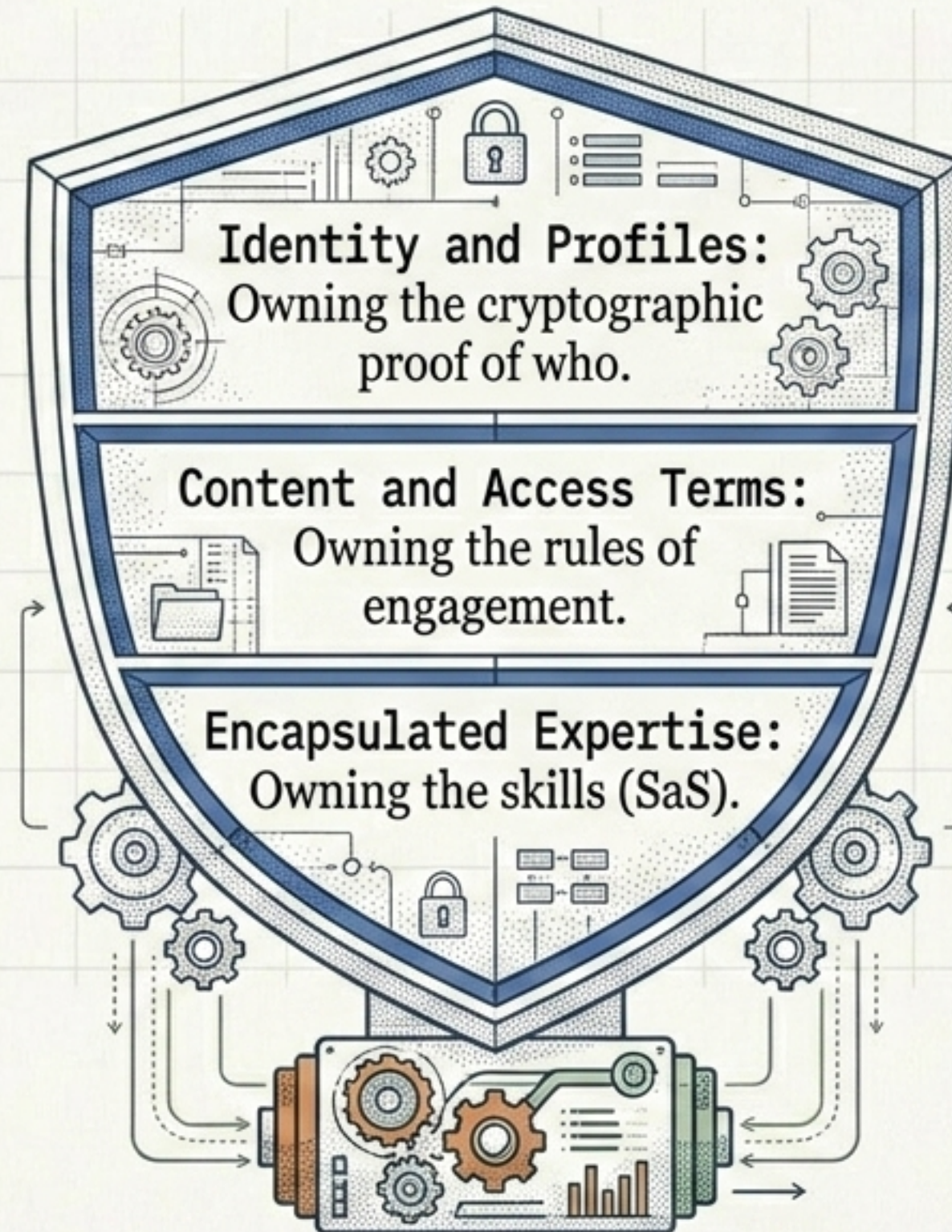


Core Mechanics

- Agents act explicitly on behalf of users.
- Skills encapsulate expertise (SaS).
- Data spaces provide context (DaaS).

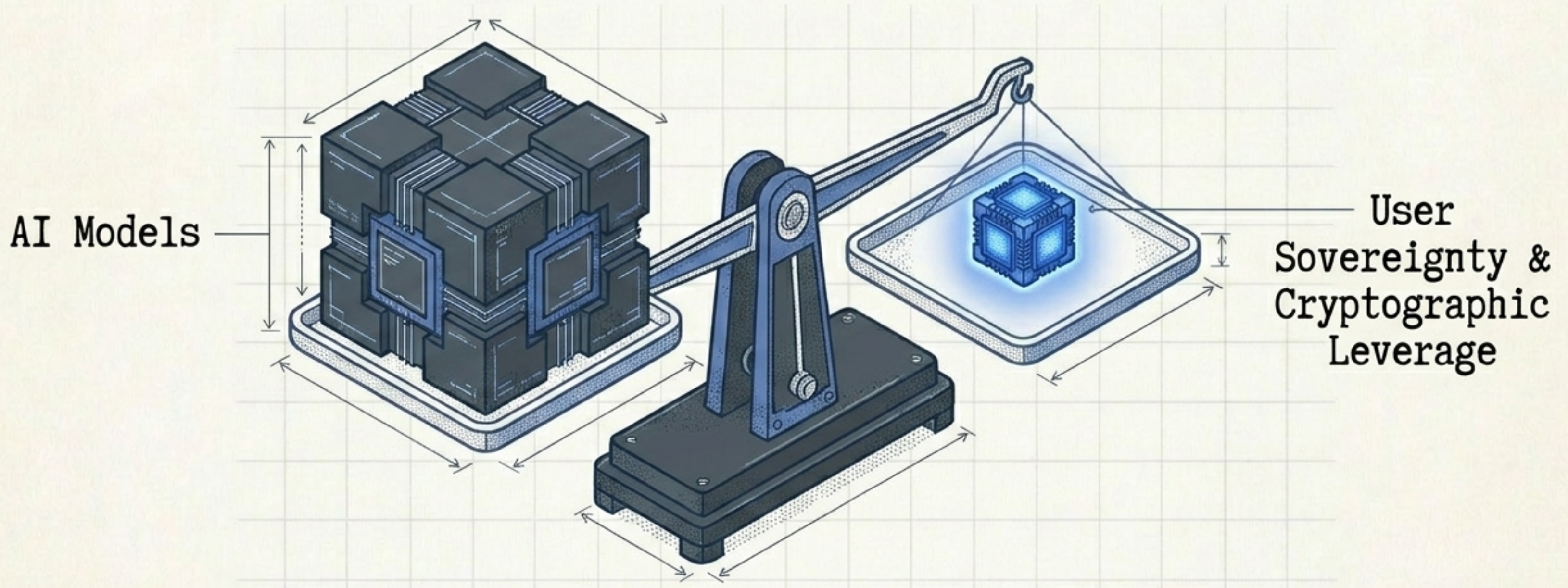
Restores User Sovereignty, Content Control, and Economic Participation.

Restoring Balance: The User Mandate



All enforced dynamically using ABAC, Ontologies, and Machine-enforceable policies.

The Economic Correction



- DaaS turns data into an asset.
- SaaS turns expertise into an asset.
- ABAC turns access into a market.

AI agents aren't just automating workflows; they are forcing a reset of the Web's economic model. We are witnessing the emergence of true counter-leverage for technology end-users and enterprises alike.