

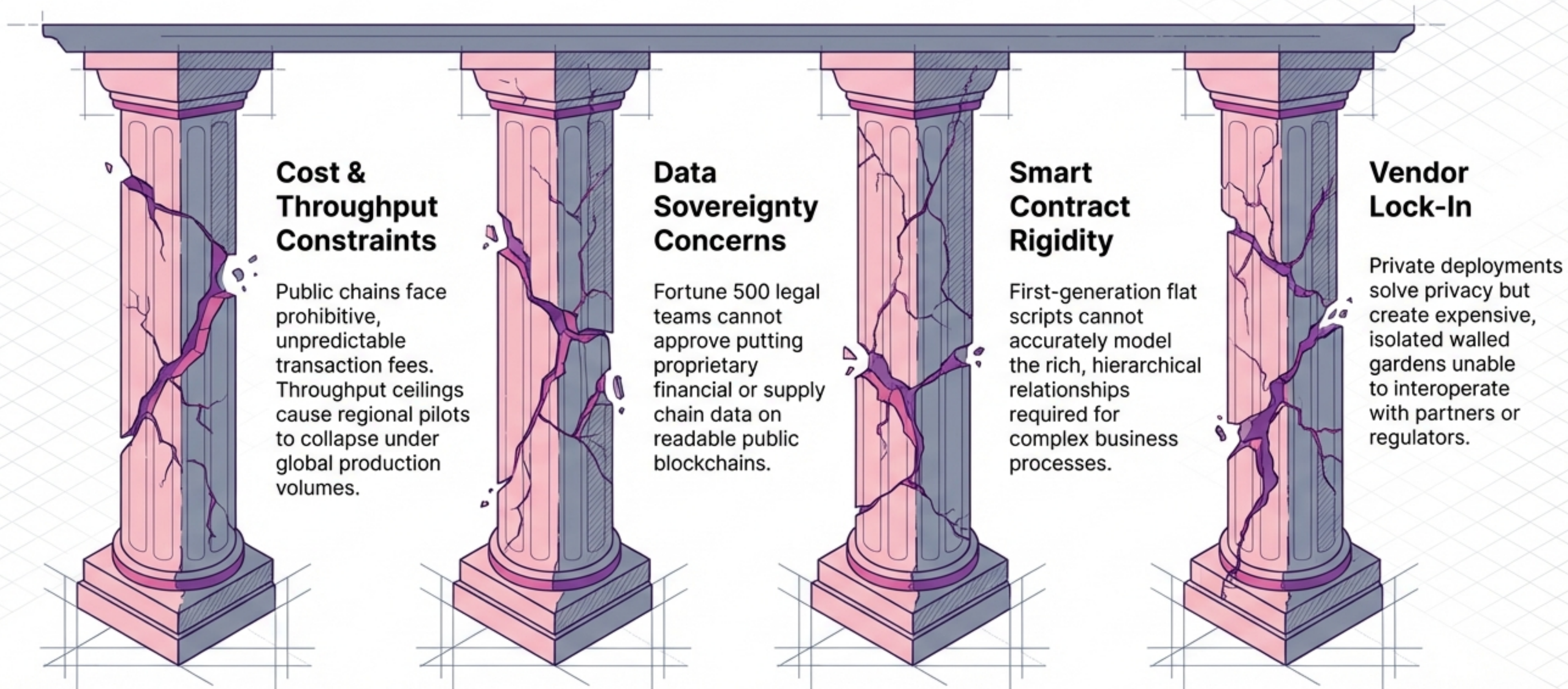


Rethinking Enterprise Decentralized Infrastructure

A Strategic Business Blueprint for Risk Mitigation,
Compliance, and Scalable ROI.

PraSaga Foundation | Nevada, USA | April 2026

First-generation enterprise blockchain has structurally stalled



Governance misalignment, not technical inadequacy, is the root cause of failure



Core Data Point: A 2026 study of 81 enterprise blockchain projects across 25 industries (drawing on 155 executive interviews) reveals **governance collapse** as the primary killer of production deployments.

Post-Mortem Diagnostic

Case 1 - TradeLens (Maersk/IBM)

Reached 150+ participants but died because competitors refused to put operational data on Maersk-controlled infrastructure. The \$10/container fee misaligned with market expectations.

Case 2 - we.trade (12 European Banks)

Collapsed due to irreconcilable disputes over cost allocation, data sharing rules, and compliance overhead for SME customers.

Case 3 - B3i (Insurance Consortium)

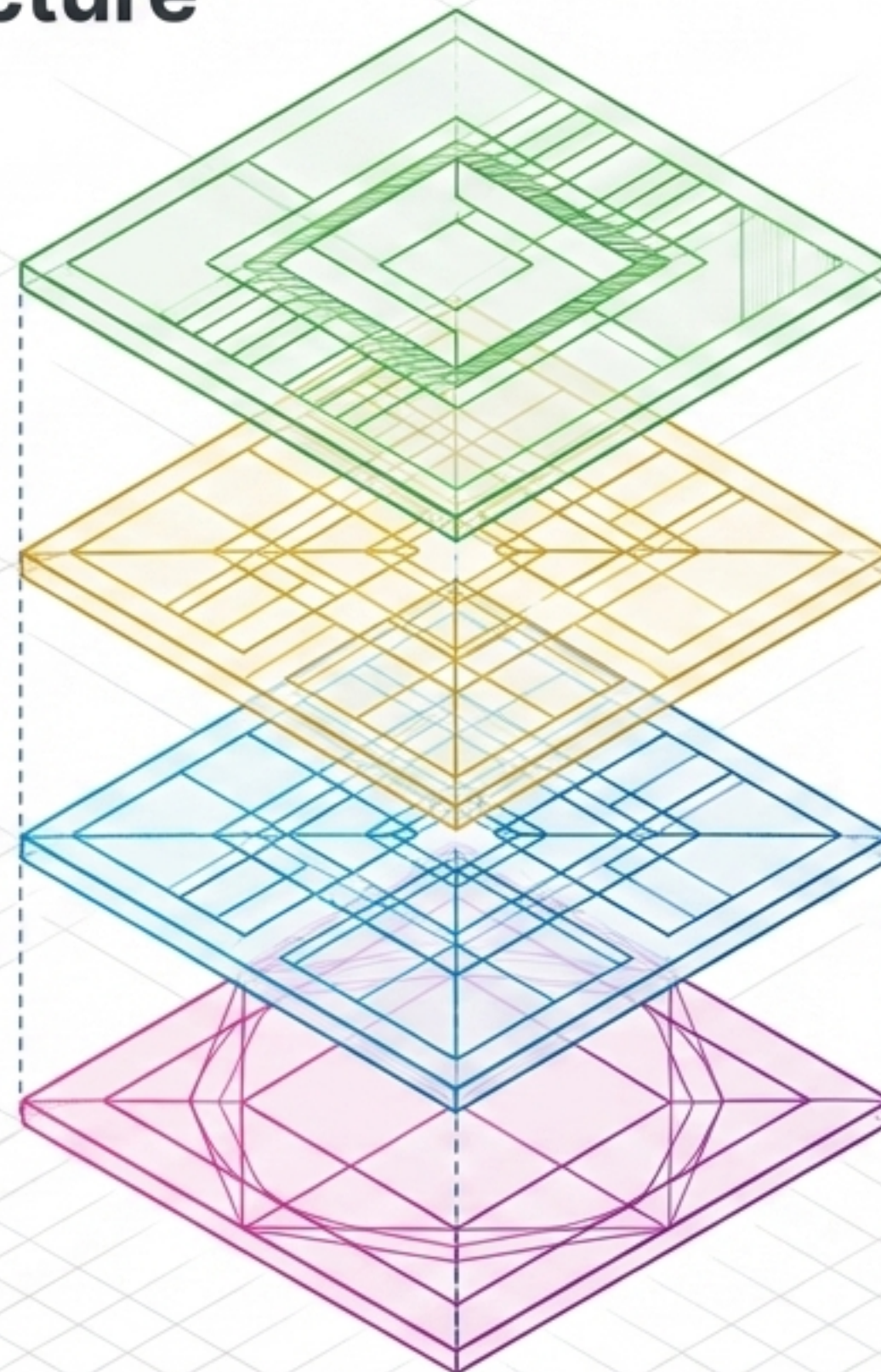
Failed because static smart contracts required unanimous political agreement among competitors on shared data schemas.

Static architecture forced structurally unresolvable governance disputes

| The Governance Dispute | The Architectural Root Cause |
|-----------------------------------|--|
| Data format and schema conflicts. | Static smart contracts required unanimous pre-deployment agreement. No mechanism existed to adapt models locally. |
| Competitive data exposure. | Permissioned chains offered all-or-nothing visibility. No ability to share selectively while remaining on the same chain. |
| Ownership and control battles. | Consortium infrastructure forced competitors' data to flow through a rival's system. Trust-building cannot fix structural conflicts of interest. |
| Payment and cost allocation. | Absence of a native economic model meant all funding, revenue sharing, and cost-bearing had to be negotiated externally among competitors. |

PraSaga replaces consortium politics with structural architecture

To survive enterprise realities, infrastructure cannot merely mitigate governance disputes—it must architecturally eliminate them.



SagaStandards – Governance, Schema, Compliance



SagaChain – Sharding, Enclaves, Scalability

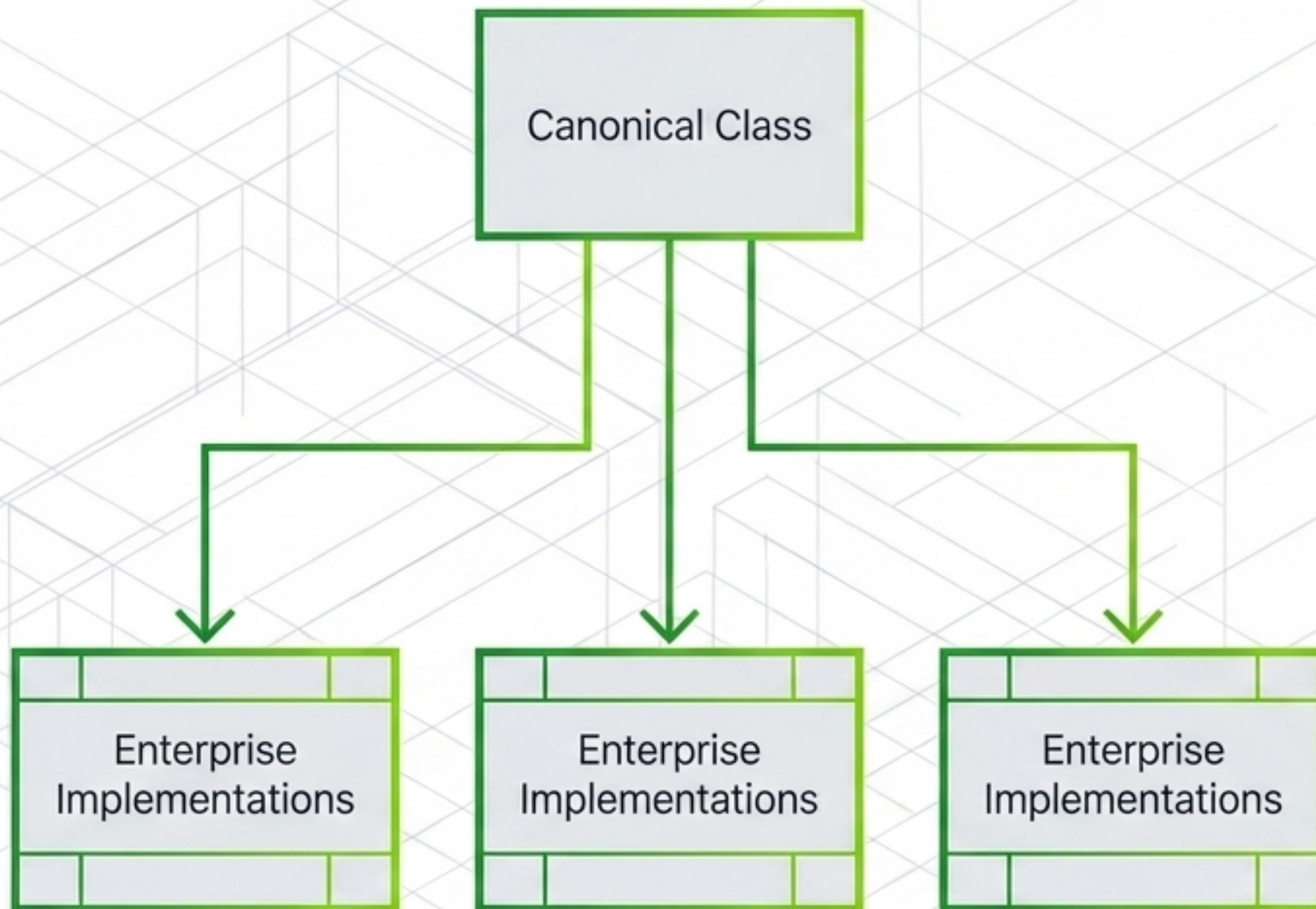


SagaEnterprise – Business Impact, Industry Applications



PraSaga Foundation – The unified permissionless ecosystem

SagaStandards eliminates schema negotiation through architectural inheritance



The Mechanism

Instead of bilateral negotiation, participants inherit standards-ratified domain objects and extend them locally with proprietary fields. Updates are versioned on-chain automatically.

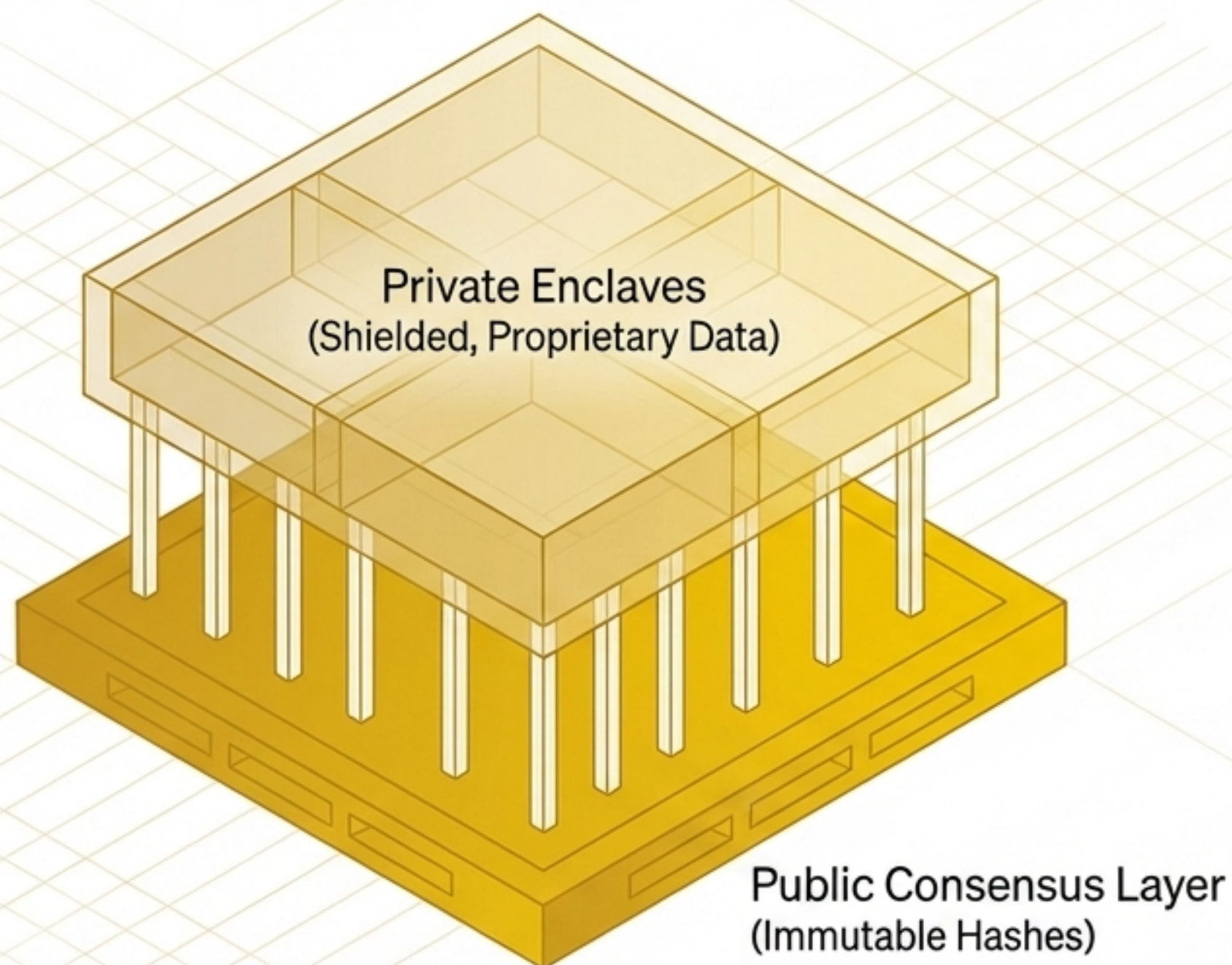
The Asset Base

SagaStandards inventory already contains 752 canonical files with over 8,000 class declarations spanning aerospace, automotive, pharma, finance, and government.

Standards Alignment

Domain structures translate recognized global standards (ISO 20022, GS1 EPCIS, HL7, ISDA, S1000D) directly onto the blockchain.

Private enclaves resolve the data sovereignty paradox



Private Execution

Proprietary data runs on segregated, permissioned shard groups. Only authorized nodes execute transactions; competitors never receive your data.

Public Verification

Cryptographic hashes of these transactions reach the public chain.

Business Impact

Organizations achieve the exact data sovereignty of a private walled-garden blockchain, but backed by the immutable security, auditability, and interoperability of a public network. Legal and compliance teams can finally say “yes.”

First Class Objects model real-world assets, not flat tokens

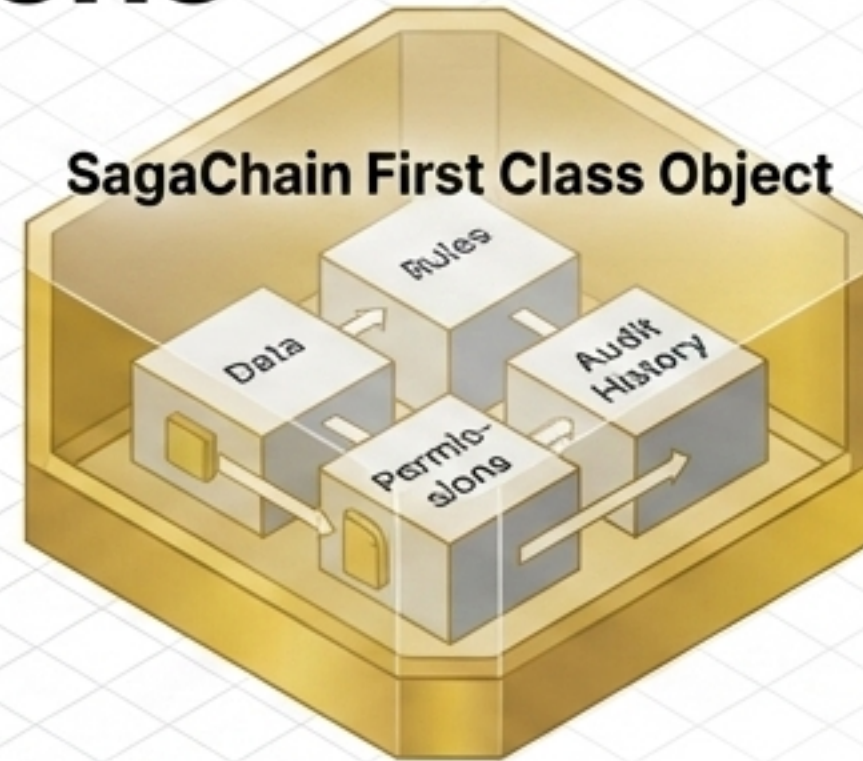


Traditional Smart Contract



Flat token transactions

SagaChain First Class Object



Self-contained digital twins

Infinite Scalability

SagaChain utilizes native sharding. Infrastructure costs scale linearly with usage—capacity planning becomes a predictable budgeting exercise, not an engineering crisis.

Object-Oriented Architecture

Complex business entities (loan portfolios, pharma batches, aircraft engines) exist as self-contained digital twins.

Business Impact

The implementation mirrors actual business processes rather than forcing enterprises to flatten their operations into primitive, sequential token transactions.

A permissionless ecosystem eliminates ownership and payment disputes



Pillar 1: Structural Independence

SagaChain is a permissionless public network governed by a DAO (one account, one vote). There is no commercial consortium to capture.

SagaStandards operates independently, modeled on ISO/IEEE.

Pillar 2: Native Economic Layer

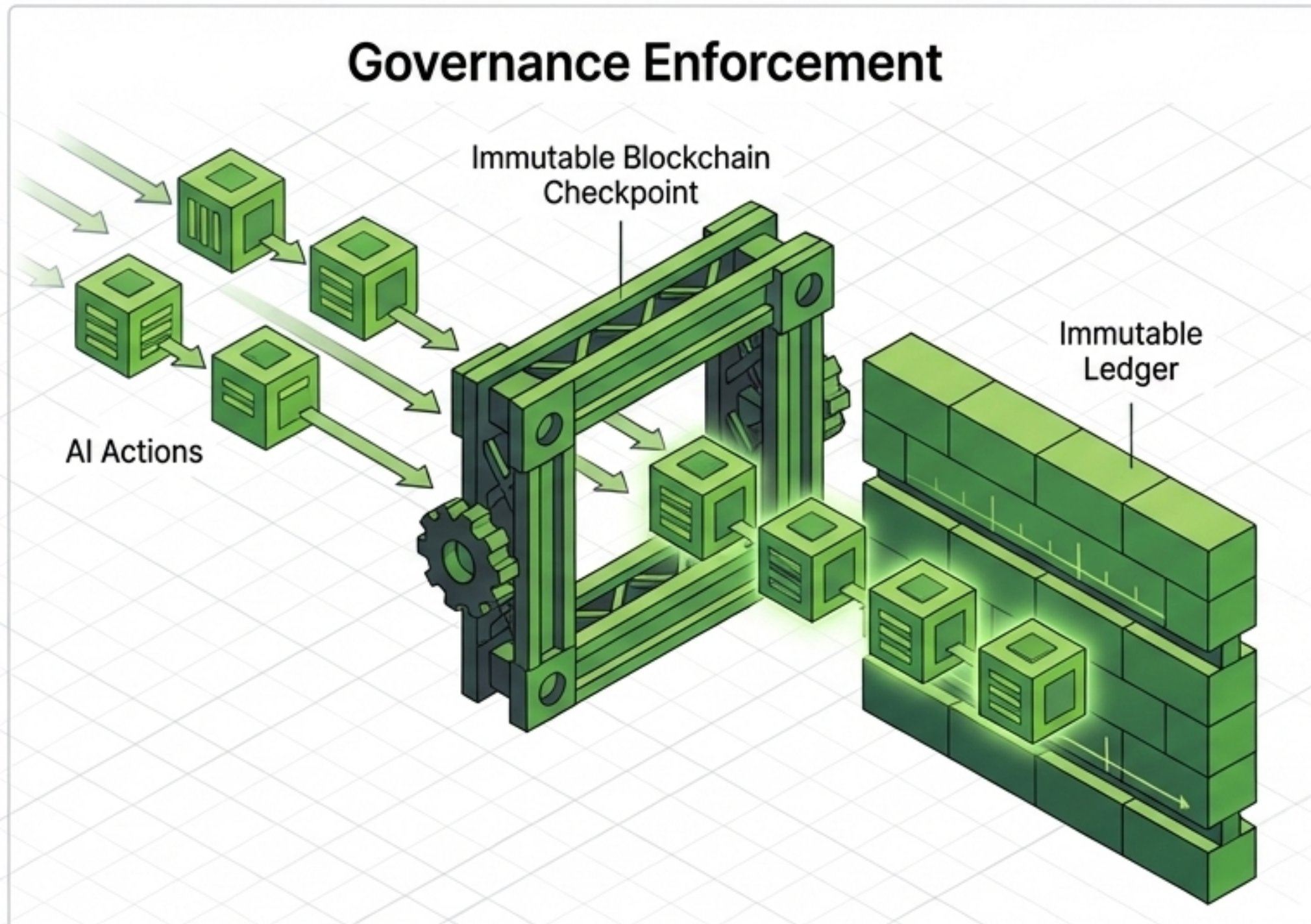
The payment dispute is solved by protocol-level economics.

SagaCoin (\$PSC) provides a monetary policy designed for enterprise transactional utility.

The Result:

Ecosystem builders do not negotiate fee models among themselves. Organizations simply configure their business logic on top of a neutral, self-sustaining monetary layer.

AI governance becomes non-bypassable architectural infrastructure



SagaAI Capability

Provides an enforcement layer where every AI action is evaluated against pre-defined governance rules. Every evaluation (pass or fail) is permanently recorded on-chain.

Immutability

No party—not even the system operator—can circumvent, alter, or retroactively dispute the record.

Regulatory Alignment

Operates as executable infrastructure aligned directly to ISO/IEC 42001, the NIST AI Risk Management Framework, and the EU AI Act.

Business Impact

Board members and regulators receive an immutable, independently verifiable record of AI governance. No retroactive reconstruction required.

The ultimate architectural elimination of consortium flaws



The Consortium Flaw

The PraSaga Architecture

Schema negotiation forced unanimous political agreement.

Replaced by SagaStandards inheritance and global canonical classes.

Permissioned visibility forced competitive data exposure.

Replaced by private enclaves running over public consensus.

Consortium infrastructure forced ownership and control disputes.

Replaced by a permissionless DAO and structural independence.

Lack of an economic model forced payment negotiations.

Replaced by a native transactional economic layer (\$PSC).

Domain-specific solutions ready for enterprise deployment



Financial Services

Programmable securities, embedded compliance, real-time settlement, privacy-controlled KYC objects (inherits ISO 20022).

Pharmaceuticals

Immutable chain of custody, automated recall management, audit-ready quality records (inherits DSCSA, HL7).

Automotive

Production-to-dealer digital threads, verifiable parts provenance with anti-counterfeiting.

Aerospace & Defense

Multi-tier supplier digital threads, automated export control compliance, real-time defect detection (inherits AS9100, S1000D).

Entertainment

Programmable rights objects, automated royalty distribution, cross-platform metadata.

Real Estate

Embedded title history, automated escrow workflows, compliant fractional ownership.

An infrastructure foundation proven, patented, and live today



U.S. Patent Granted
(Sep 2022)

Defensible IP moat for the core
First Class Object Model
blockchain operating system.

SagaPython
Released

Unlocking 15M+ Python
developers to build with
familiar syntax.

Public Testnet
(May 2025)

Live network validating
the native sharding
architecture (4 shards, 4
nodes per shard).

SagaCoin Emission
(Aug 2025)

Transactional currency
schedule commenced
via \$wPSC.

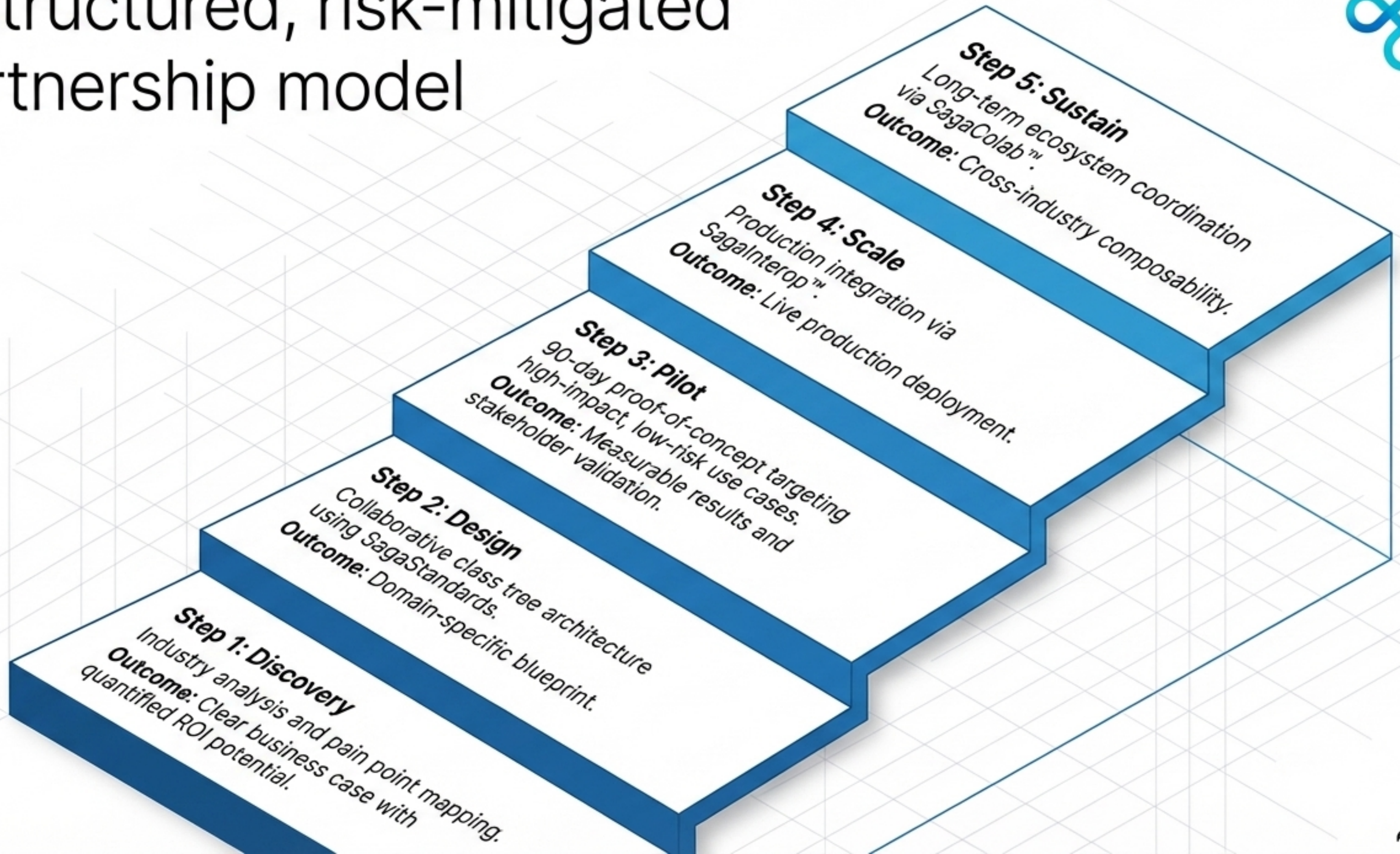
SagaWizard™
(Jan 2026)

AI-powered analysis
tooling for enterprise
class tree design.

SagaScan

Live immutable
deterministic audit trails
with field-level state
transitions.

A structured, risk-mitigated partnership model





The architectural foundation for the next decade of enterprise strategy

The question is no longer if your organization requires decentralized infrastructure to manage multi-party processes and AI governance. The question is whether you will build on a platform architected to eliminate consortium failure, or continue retrofitting consumer-grade technology to enterprise problems.

Evaluate the platform through a structured Discovery engagement.
The decision to proceed will be informed by data, not promises.