

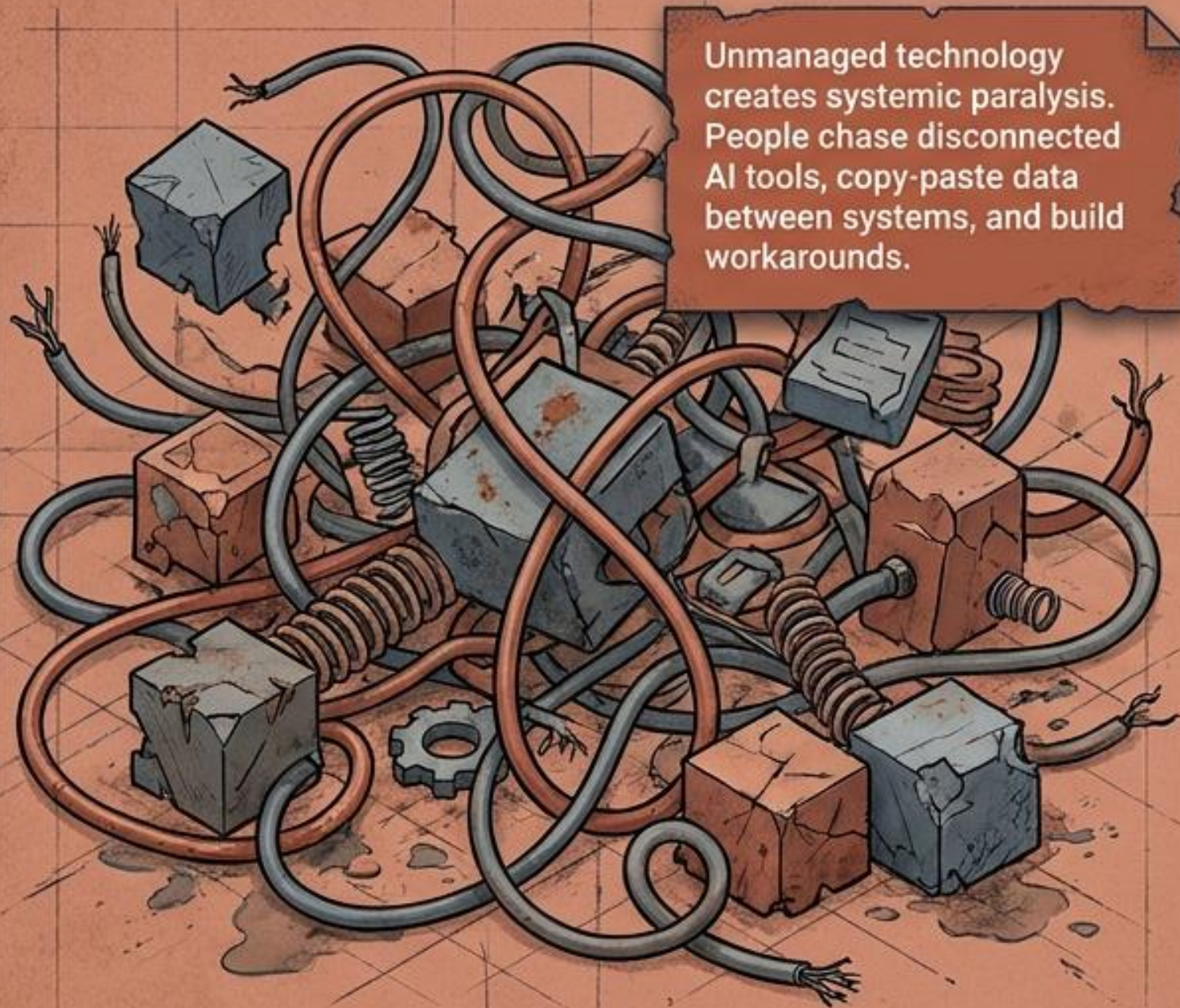
Capability 1: Architecture

Shape Technology with Intent



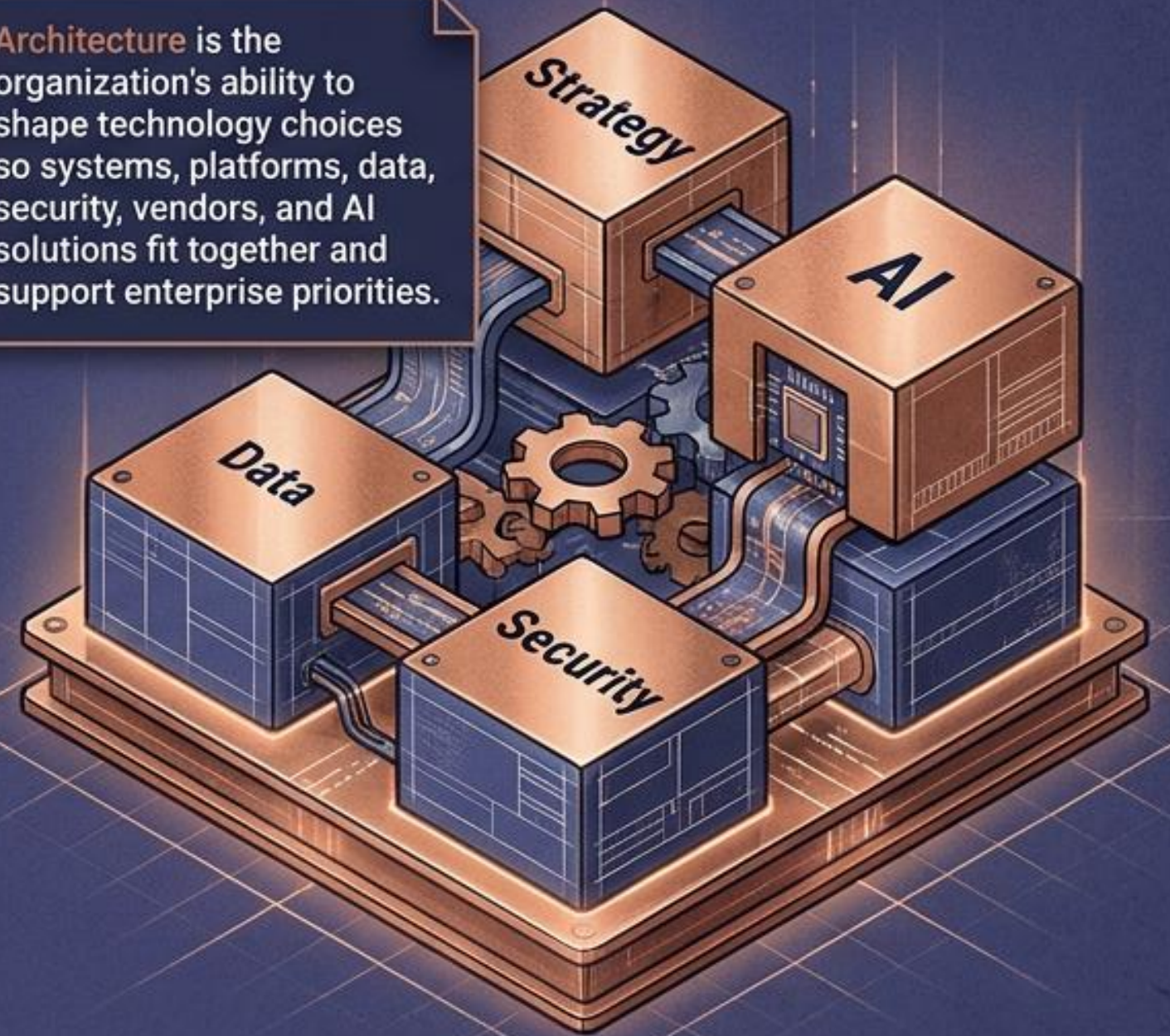
Simplicity is the Ultimate in Sophistication.

Technology Choices Need to Fit Together



Unmanaged technology creates systemic paralysis. People chase disconnected AI tools, copy-paste data between systems, and build workarounds.

Architecture is the organization's ability to shape technology choices so systems, platforms, data, security, vendors, and AI solutions fit together and support enterprise priorities.



Architecture is the first Technology capability because it shapes the environment the organization is building toward.

Redefining Architecture: From **Artifact** to **Engine**

The Myth

Beautiful diagrams
no one uses.

A committee that
slows every decision.

Architecture for
architecture's sake.

Primary
Output

Operational
Impact

Focus
Area

The TIO Reality

Better technology
choices made easier.

A roadmap people can
actually follow.

The technology foundation
needed to execute strategy
and scale AI safely.

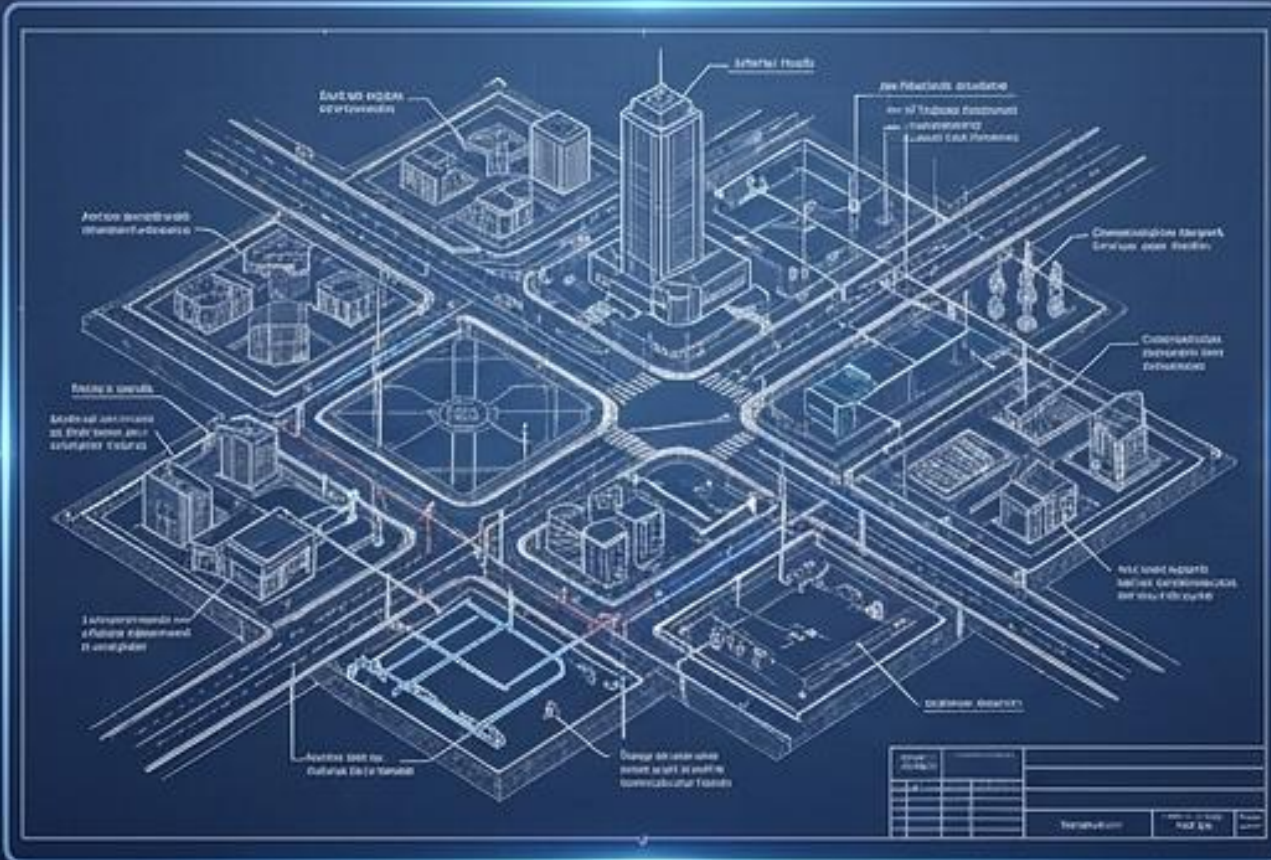
Golden Rule

If the process only
creates documents,
meetings, and delays,
it is not mature
architecture.

It is overhead.

The Boundary Line: Eliminating Organizational Turf Wars

The City Planner



Architecture shapes the environment. It defines the target direction, the principles, and the rules so that everything fits together.

Data flow?
Sits in Data Domain.

Technical connections?
Sits in Integration.

The Building Contractor



Platforms provide the tools. They are the approved, supported environments where people, teams, and AI actually do the work.

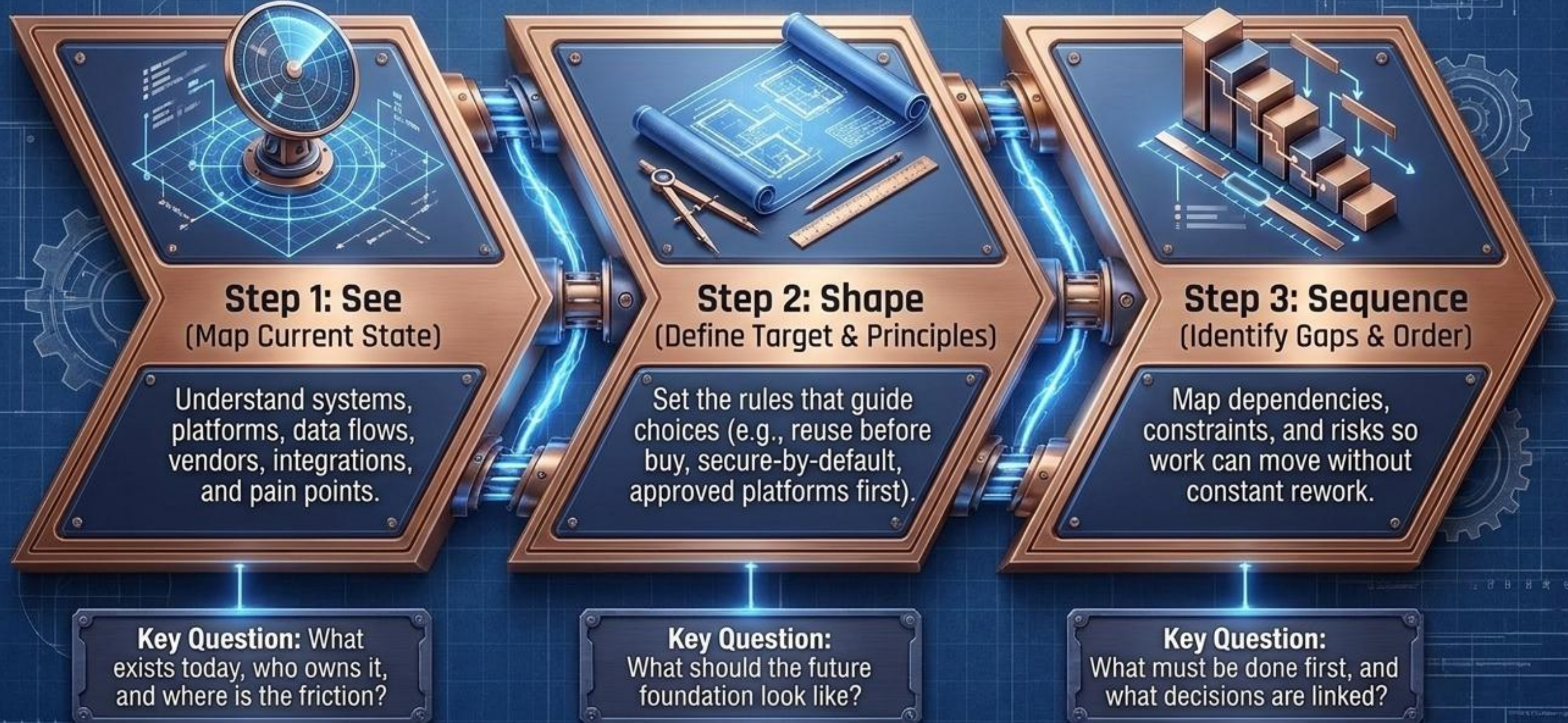
Risk appetite?
Sits in Leadership.

The Engine of Architecture: Five Core Behaviors

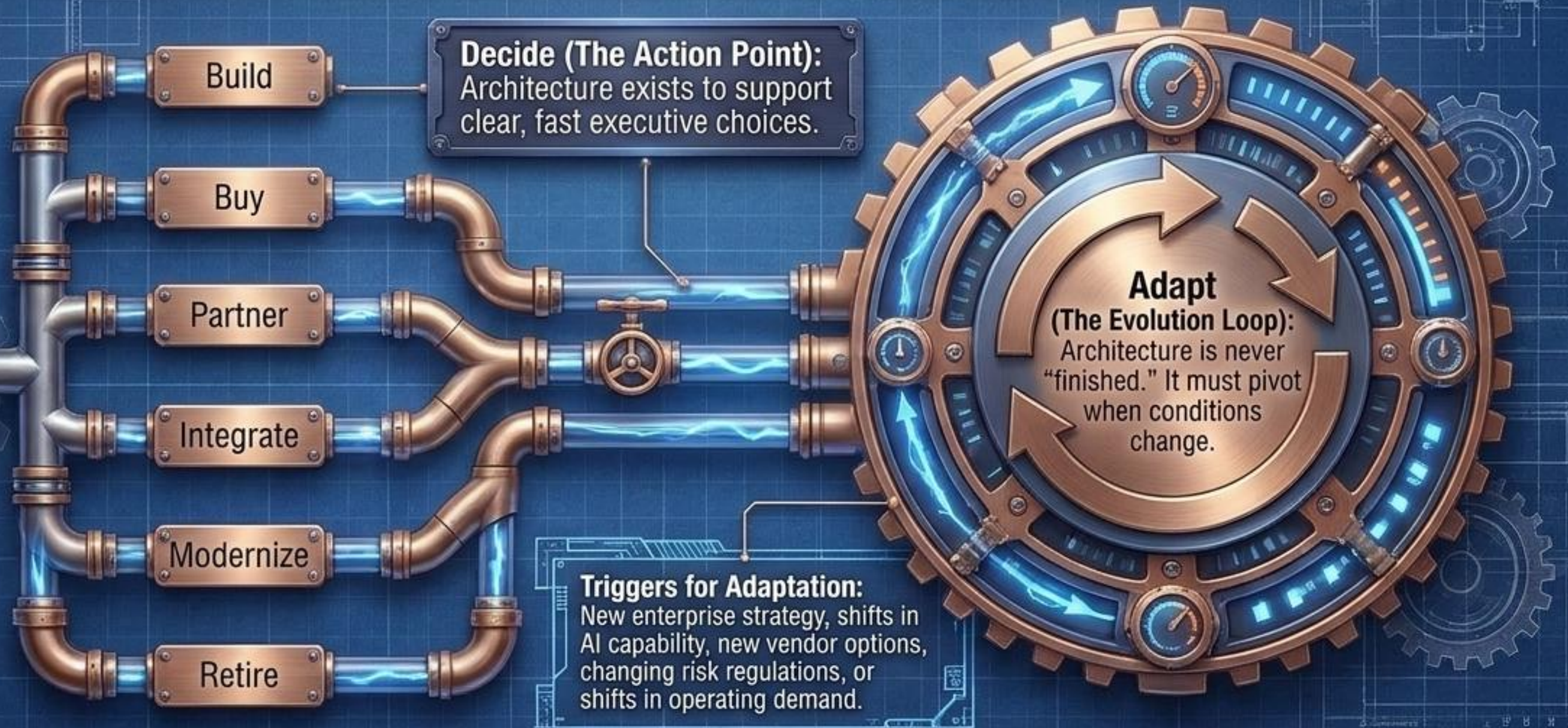


The better question is never "What architecture do we want?" It is "What technology foundation will help us execute strategy, automate work, and protect trust?"

Phase 1: From Visibility to Sequenced Action



Phase 2: Driven by Decisions, Built to Adapt



Real-World Application: Fewer random tool decisions, clearer investment choices, and redundant technology is managed rather than ignored.

The Three Practical Outputs

A mature capability only needs three tangible artifacts to function effectively.

Where are we?



Artifact: Technology Landscape Map.

**Where are we going
& what are the rules?**



Artifact: Target Architecture and Principles.

**How do we get there
& who decided?**



Artifact: Technology Roadmap and Decision Log.

Output 1: Technology Landscape Map

The Purpose:

You cannot improve what you cannot see. The landscape map creates a shared view of the current environment.

What it contains:

- ☒ Major systems and platforms.
- ☐ Data flows and integrations.
- ☒ Vendors and security controls.
- ☐ Pain points and named owners.

The Danger of Absence:

A growing organization tracking customer records in one system, field work in another, finance in a third, and reporting in spreadsheets. Teams spend time chasing status instead of creating value.



Output 2: Target Architecture & Principles



The Target Direction: What should the future technology foundation look like in simple terms to support strategy and scale AI?

The Principles (The Rules of the Road):

Plain-English rules that guide everyday choices across the enterprise.

Example 1: Reuse before buy.

Example 2: Approved platforms first.

Example 3: Secure-by-default.

Example 4: Retire what no longer fits.

The Outcome: Stops local teams from adding avoidable complexity, hidden risk, and unmanaged technical debt.

Output 3: Roadmap & Decision Log

The Technology Roadmap:

- Shows priority gaps, dependencies, and sequencing.
- Dictates what must be done first (e.g., standardizing data) before what can happen next (e.g., launching an AI automation).

The Decision Log:

- Records major technology choices (Build, Buy, Retire).
- Links decisions explicitly to strategy, risk, value, and roadmap priorities.
- Prevents revisiting the same arguments every six months.

Executive Evidence: Measuring the Reality

Architecture is proven by evidence, not aspiration.

Area of Measurement	Evidence	Metric
Accountability	Current-state landscape map kept current.	% of major systems with named business and tech owners.
Strategic Linkage	Target architecture documented and understood.	Number of priority architecture gaps linked to Strategy or AI Use Cases.
Decision Discipline	Architecture decisions recorded in a log.	% of major tech decisions reviewed against architecture principles.
Complexity Management	Redundant or misaligned tech is actively managed.	Number of unsupported tools reduced, retired, or contained.

The Capability Baseline: 0 to 5 Maturity

Level 5 - Optimized: Architecture is a trusted decision system that adapts continuously as strategy and risk change.

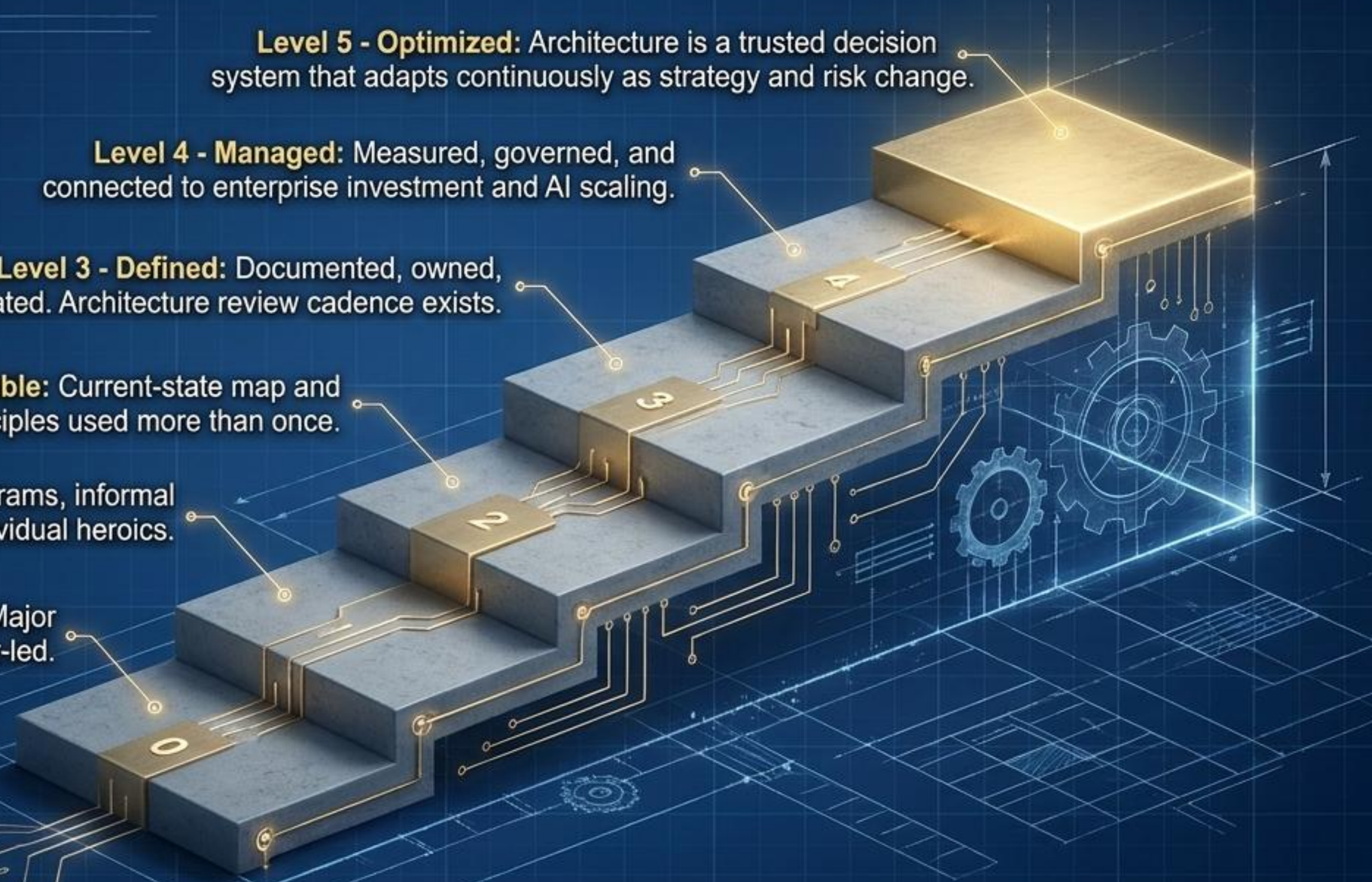
Level 4 - Managed: Measured, governed, and connected to enterprise investment and AI scaling.

Level 3 - Defined: Documented, owned, communicated. Architecture review cadence exists.

Level 2 - Repeatable: Current-state map and basic principles used more than once.

Level 1 - Initial: Partial diagrams, informal standards. Depends on individual heroics.

Level 0 - Absent: No shared view. Major choices are local, reactive, or vendor-led.



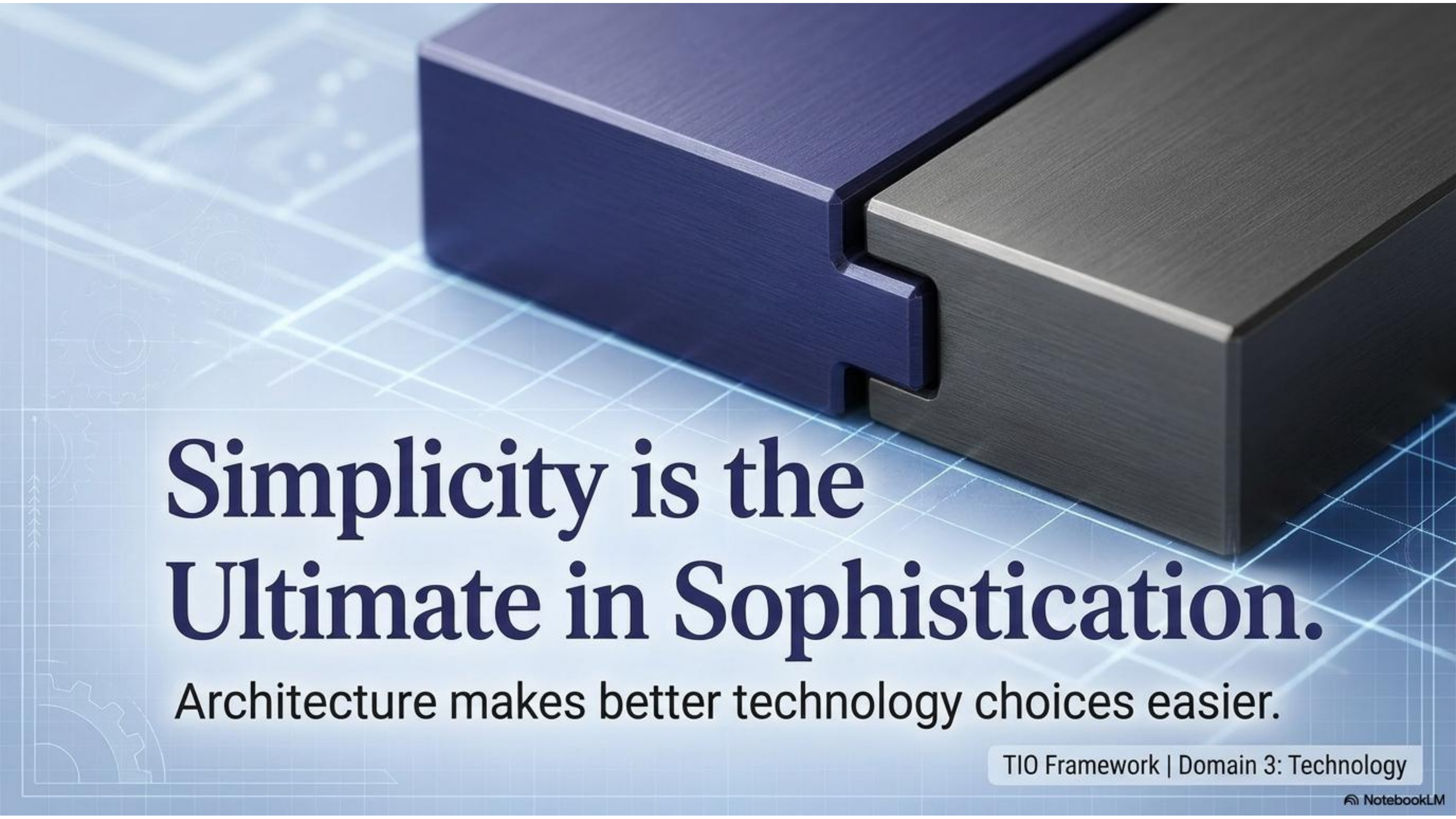
The First Moves: Activating Architecture

What to do Monday Morning (Minimum Viable Architecture):

- ☐ 1. Ask for a one-page map of major systems, platforms, integrations, and owners.
- ☐ 2. Name one accountable owner for keeping the architecture view current.
- ☐ 3. Draft five plain-English architecture principles for future decisions.
- ☐ 4. Start a decision log for major technology choices.
- ☐ 5. Identify the top 3 technology choices currently blocking strategy or AI Use Cases.

What NOT to build too early:

- A massive architecture office before basic visibility exists.
- Detailed diagrams that leaders cannot use to make decisions.
- A target architecture that ignores budget, capacity, or operating reality.

The background of the slide features a blue-toned image of two interlocking metal blocks, one dark blue and one dark grey, resting on a glowing blue grid. Faint, stylized gear and circuit patterns are visible in the background.

Simplicity is the Ultimate in Sophistication.

Architecture makes better technology choices easier.