

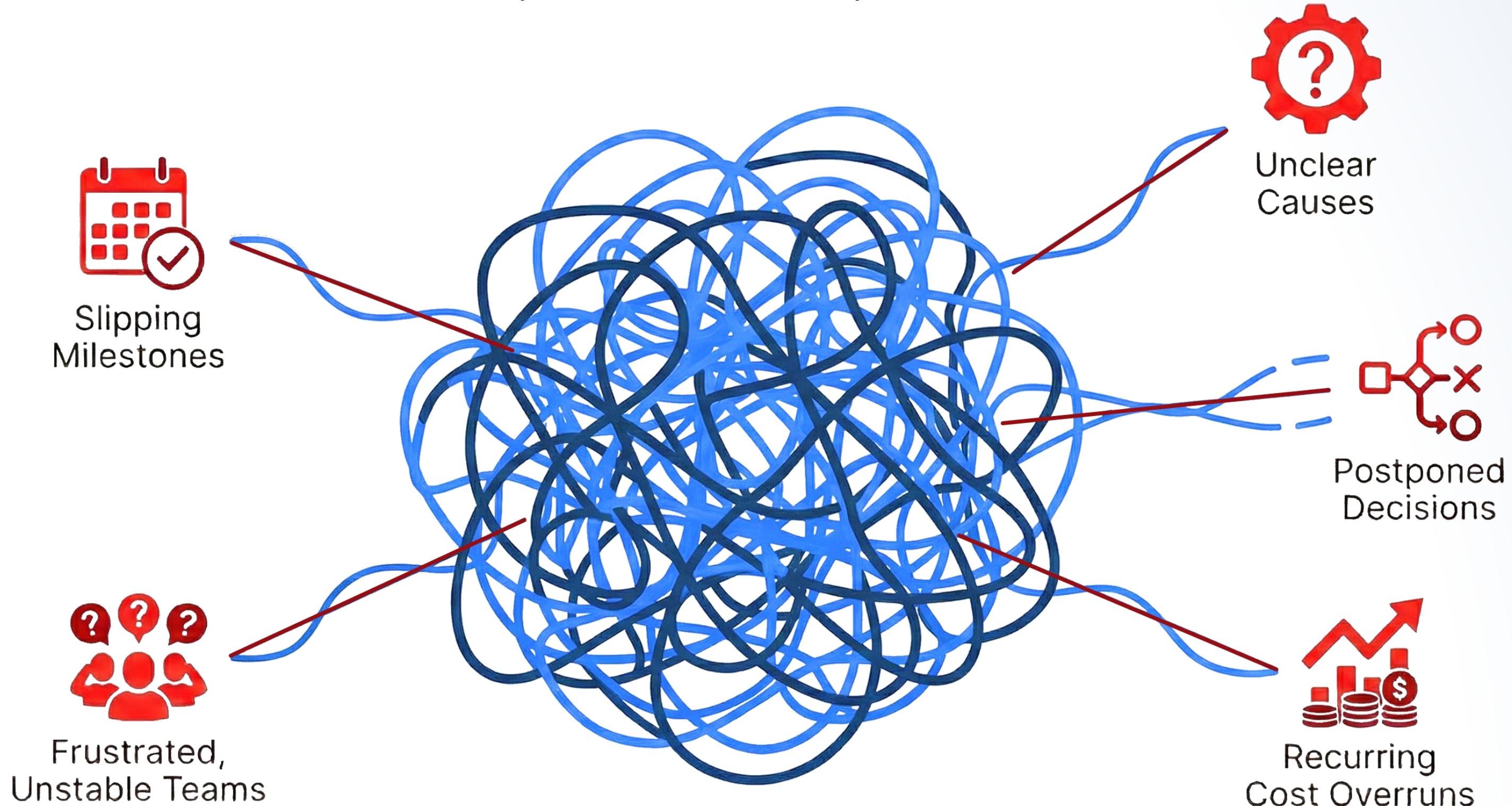
Clarifying Complexity Amplifying Innovation

Structural optimization for high-stakes

CLARIFY. PRIORITIZE. DELIVER.

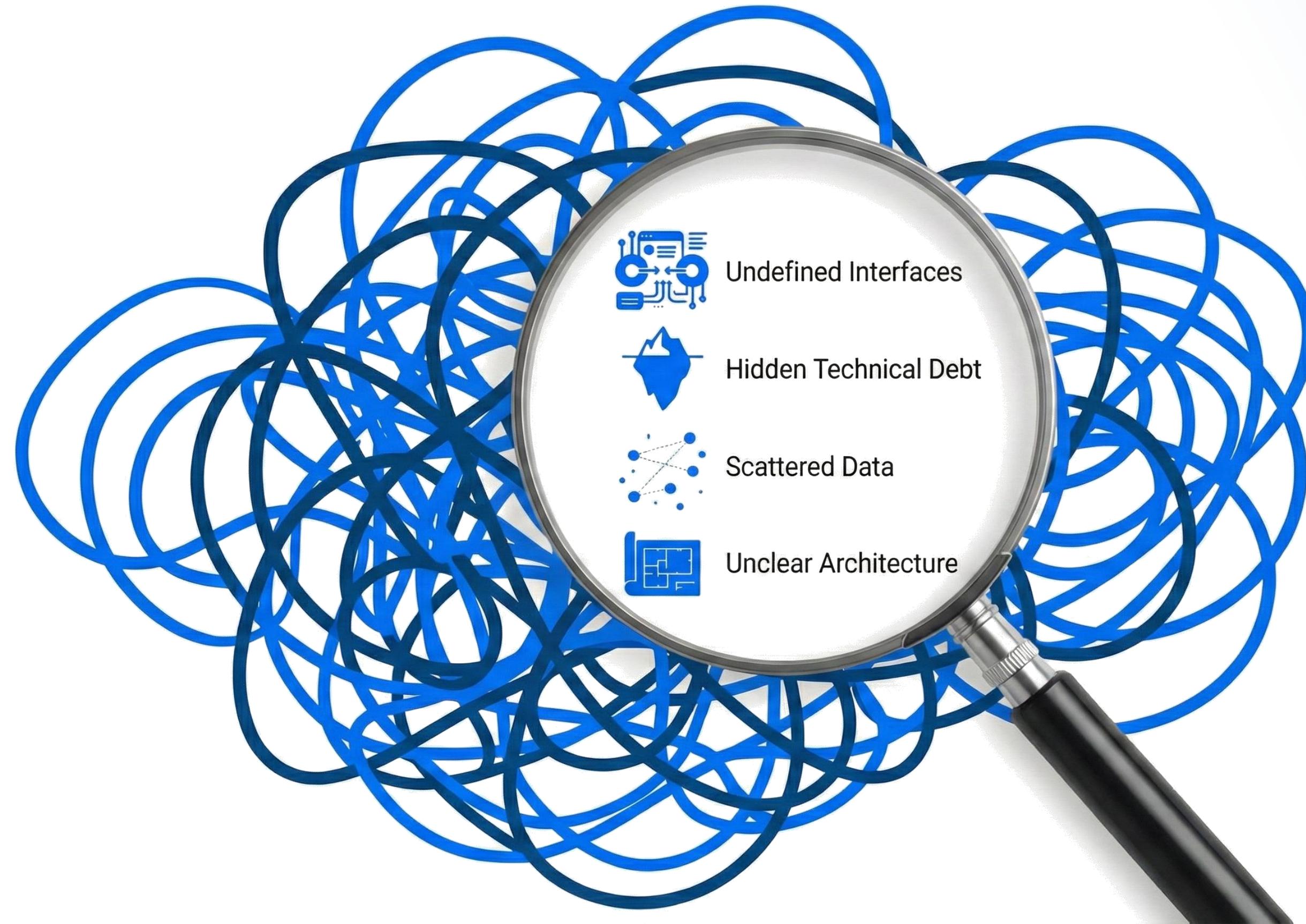
You Recognize the Symptoms...

If this looks familiar, we can make the system readable in days, not months.



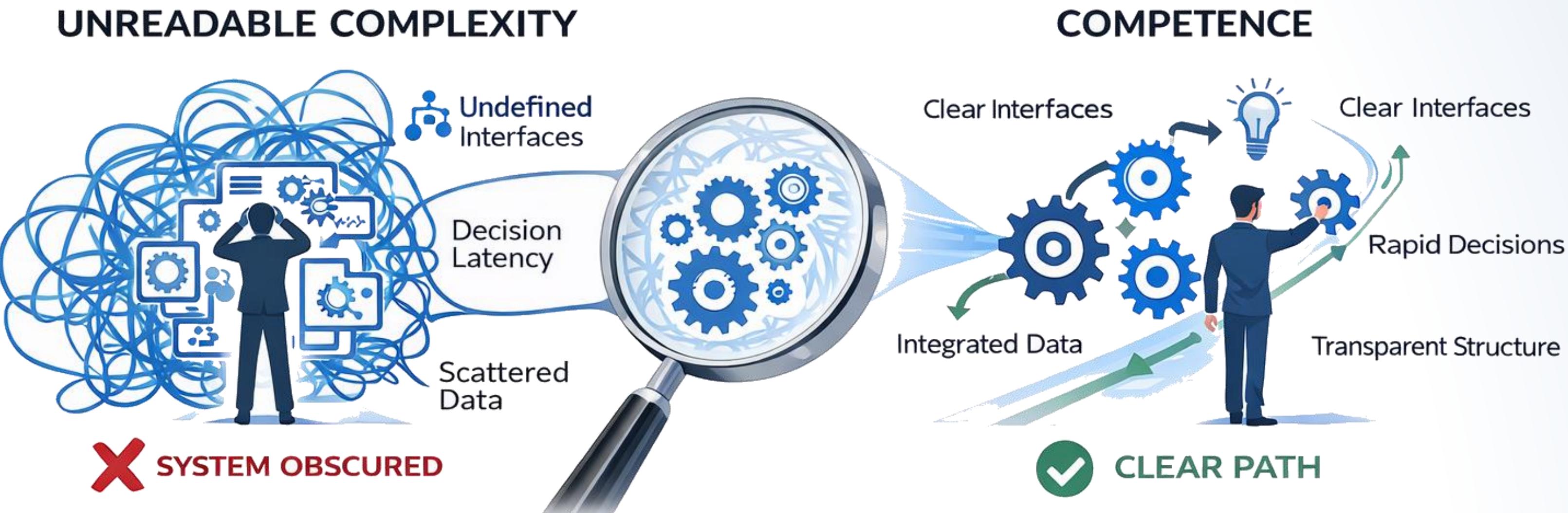
Connecting to Hidden Root Causes

Intellary's mission: To decode the underlying structural reality with an outside perspective.



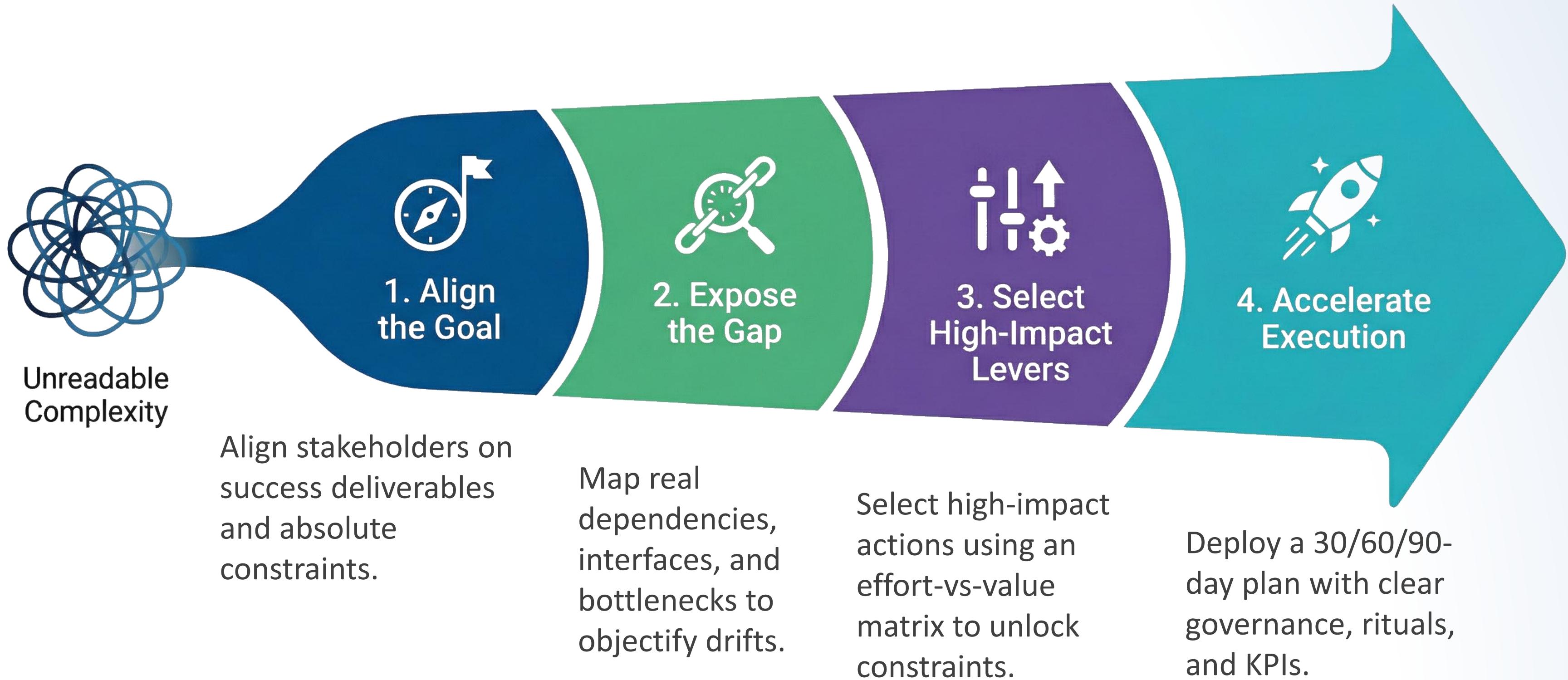
The Problem Isn't a Lack of Competence. It's Unreadable Complexity.

Most delivery failures originate from interface ambiguity and decision latency, not technical skill.



Your team is competent but held back by structural debt.
We make the system readable to release their talent.

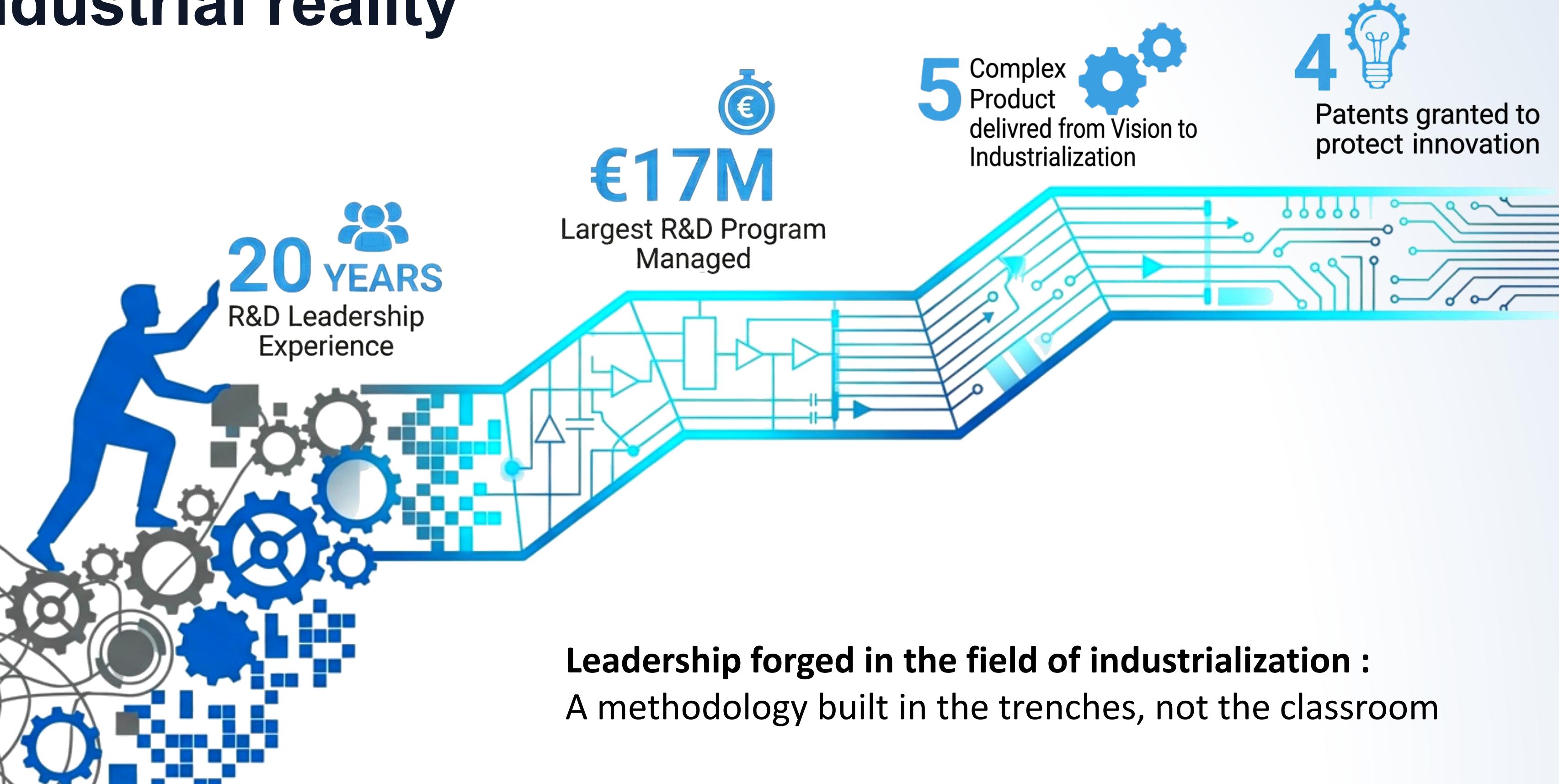
Our Approach: From Clarity to Results



Secure the trajectory



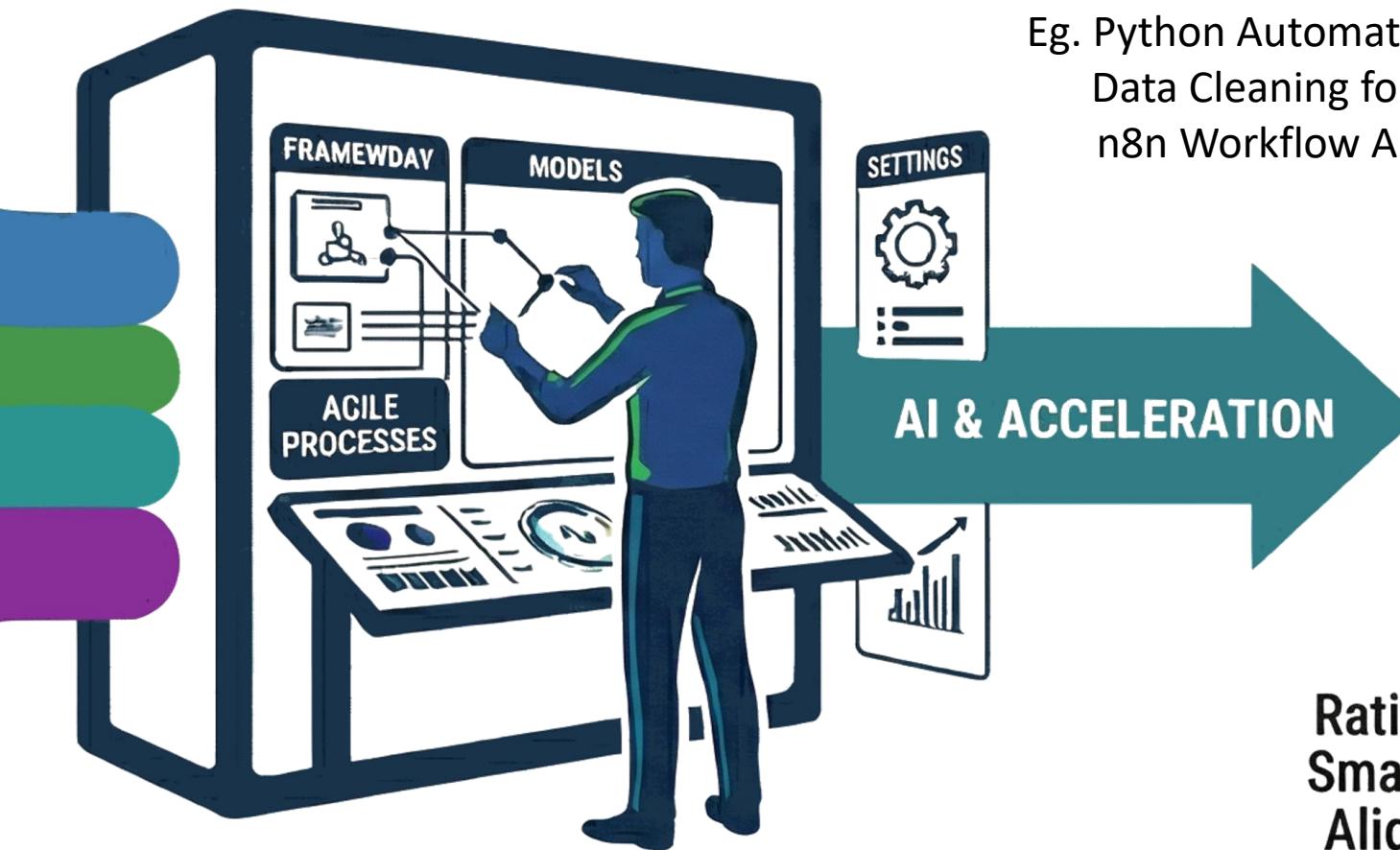
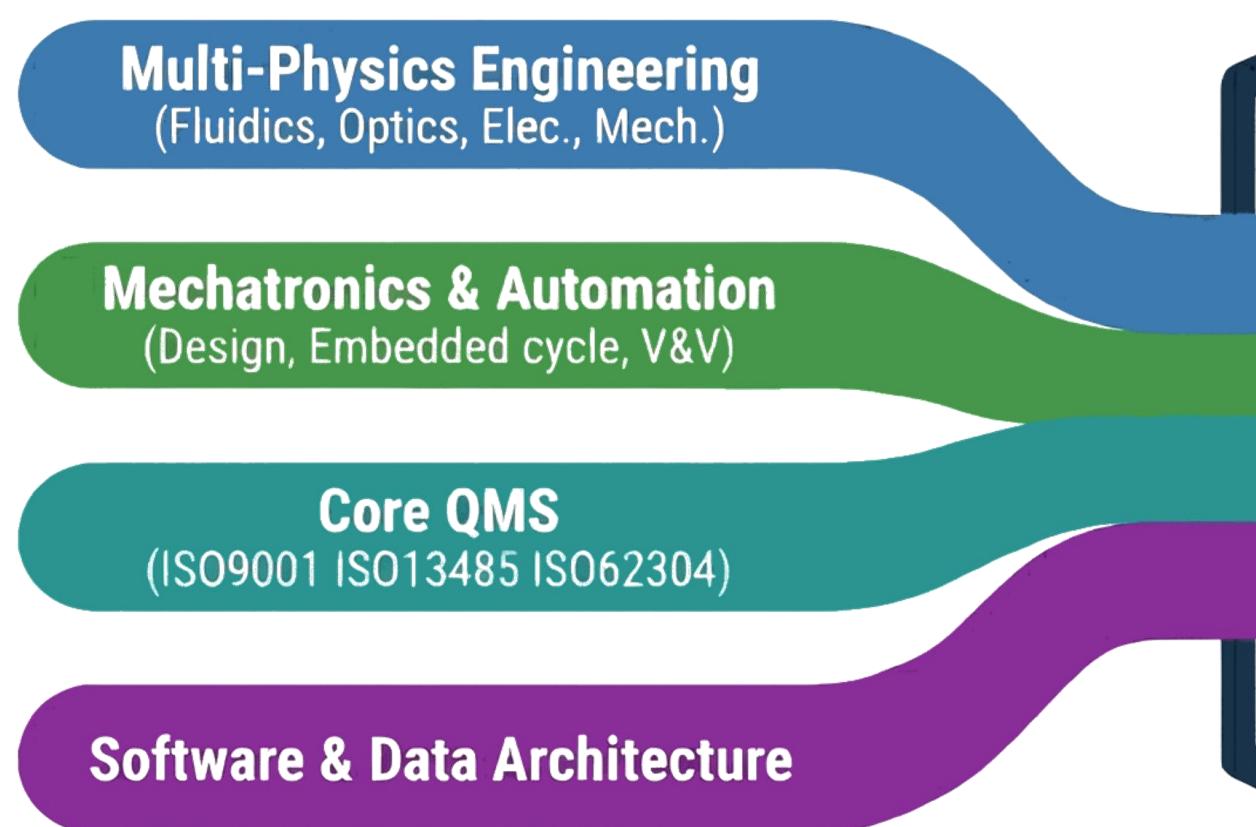
From strategic vision to industrial reality



R&D Systems Architect for Unified & Augmented Engineering

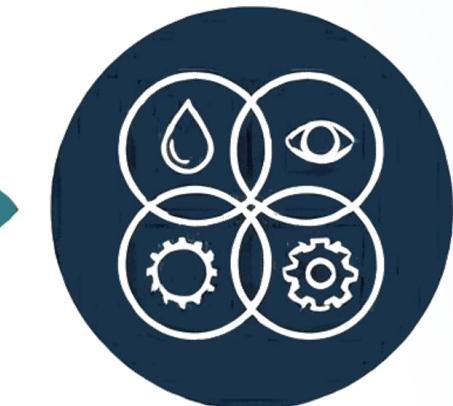
We don't teach you your business. We rationalize the link between your expertise (Multi-Physics, Mechatronics, ISO, Software) to create a unique product, a fluid process, and an aligned team, all boosted with modern tools.

The Foundation: Engineering Rigor



The Accelerator: Data & AI

Eg. Python Automation Scripts
Data Cleaning for R&D logs
n8n Workflow Automation



UNIFIED RESULT:
Rational & compliant product,
Smart process, reuse scaleup,
Aligned team, capitalization.

To transform your industrial know-how into a sustainable, rapid, and controlled transition.
The question is not 'with whom', but 'how'.

Case approach

We combine stakeholder input and system data to expose hidden dependencies and execution risk.



Case Study: MedTech Robot Scale-up



Anonymized Client Data

-4 Months

On certification timeline

20% to 90%

Integration pass rate

Zero

Critical bugs in V&V phase

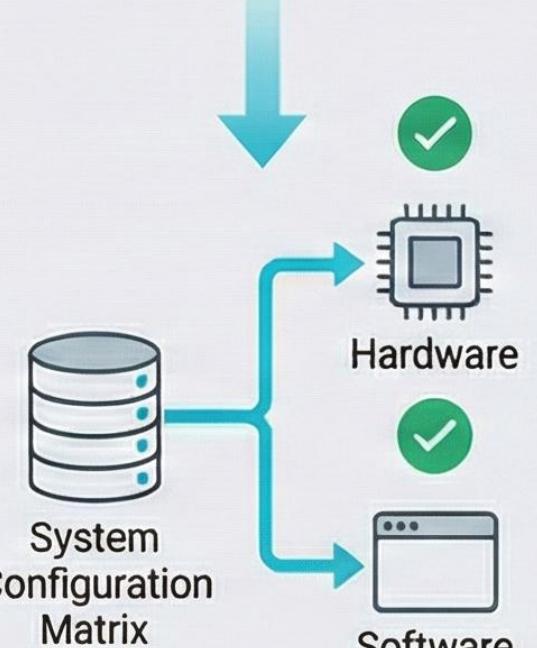
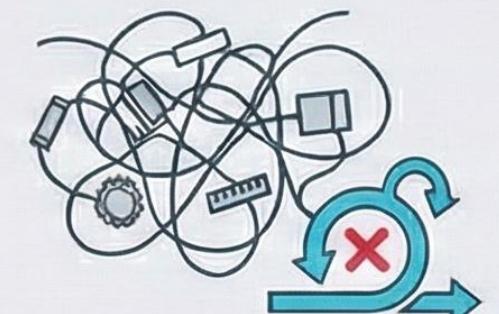
-60%

Blocked tickets in 6 weeks

Context

Series B Startup. Complex surgical robot. Technical teams (Mech, Elec, Soft) grew from 10 to 50 in 18 months.

Problem: Multi-team interface ambiguity. Integration failed every sprint.



Intellarys Action

- Diagnosis:** Identified that Software was coding features that Hardware couldn't support yet (Version mismatch).
- Correction:** Implemented a 'System Configuration Matrix' as the single source of truth + Automated Python script to check Jira ticket compatibility before coding.
- Governance:** Created a weekly 'System Sync' ritual to align Mech/Soft roadmaps.

Tangible ROI: How we measure impact



Operational metrics, not assumptions.

1 Time-to-market acceleration

The lever

Reduced integration “ping-pong” between hardware and Software teams.

What we change

Interfaces are clarified early, ownership is explicit, and blocking dependencies are exposed before integration.

The metric (tracked)

Avg. days a ticket stays in “Blocked” status

* Typical observed target range: 10–20% reduction

Outcome

Faster delivery, fewer late reworks, and predictable execution.

2 Cost reduction

The lever

Early detection of interface and validation errors, before industrialization.

What we change

Design and decision gaps are resolved upstream, not on the factory floor.

The metric (tracked)

Number of non-conformities (NCs) in pilot runs

Your Data, Your Property. Our Guarantee.



Intellarys guarantees technological independence and no “vendor lock-in”.

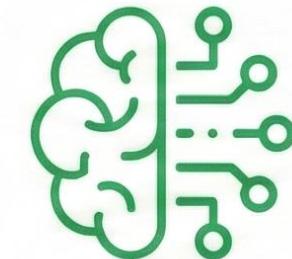
No "Black Box". No Data Leaks. Technical sovereignty.



Execution Environment

We operate within your infrastructure.

- VPN Access / VDI
- Or Local Docker Container
- No data leaves your firewall.



No 'Generic Models'

Your data does NOT train a public AI.

We use pre-trained architectural patterns (Intellarys IP) and apply them to your context using RAG (Retrieval Augmented Generation) locally.



No Vendor Lock-In

You own the results.

All Python scripts, maps, and dashboards created during the mission are transferred to your team.

Intellarys Offer



The approach is progressive, modular, and immediately actionable.

1 Flash Review

Low-risk entry point | 1–2 days



Flash Review

Rapid, independent clarity for decision-making.

Key deliverables

- High-level R&D system diagnosis
- Gap and execution risk analysis
- Executive synthesis with prioritized actions

→ **Outcome:** clear decision options, no commitment required.

2 Structuring & Operational Framing

Build the foundation | 2–8 weeks

Structuring & Operational Framing

Translate strategic intent into a stable operating model.

Key deliverables

- ✓ Target frameworks and governance
- ✓ Embedded quality and decision logic
- ✓ Deployment roadmap (30/60/90 days)

→ **Outcome:** aligned teams, controlled interfaces, predictable execution.

3 Operational Support & Sustainability

Long-term impact | 1–6 months

Operational Support & Sustainability

Ensure execution, adoption, and measurable performance.

Key deliverables

- System and workflow implementation
- AI models embedded where relevant
- ROI-oriented metrics and follow-up

→ **Outcome:** durable performance, not one-off consulting.

Within days, you know where to act.

Within weeks, execution becomes predictable.

Within months, performance is sustained.

Ready to clarify your direction?

Amplifying Innovation

Book a 30-minute conversation to map your challenges, validate your priorities, and identify where Intellarys can accelerate outcomes.

Email : contact@intellarys.fr

Book a call : [\[Link to Calendry\]](#)

© Intellarys — CLARIFY. PRIORITIZE. DELIVER.

<https://www.intellarys.com>