

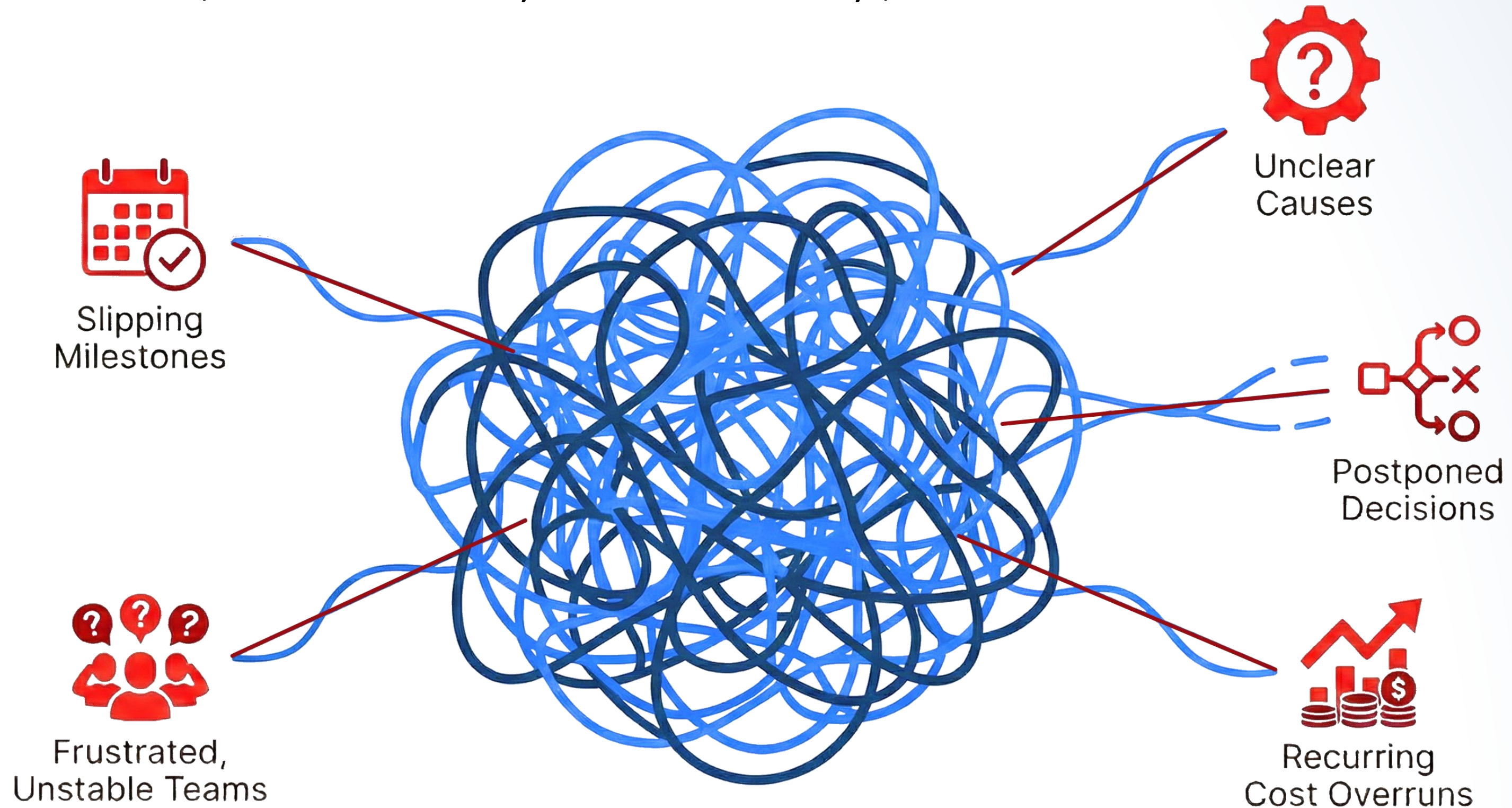
Clarifying Complexity Amplifying Innovation

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.



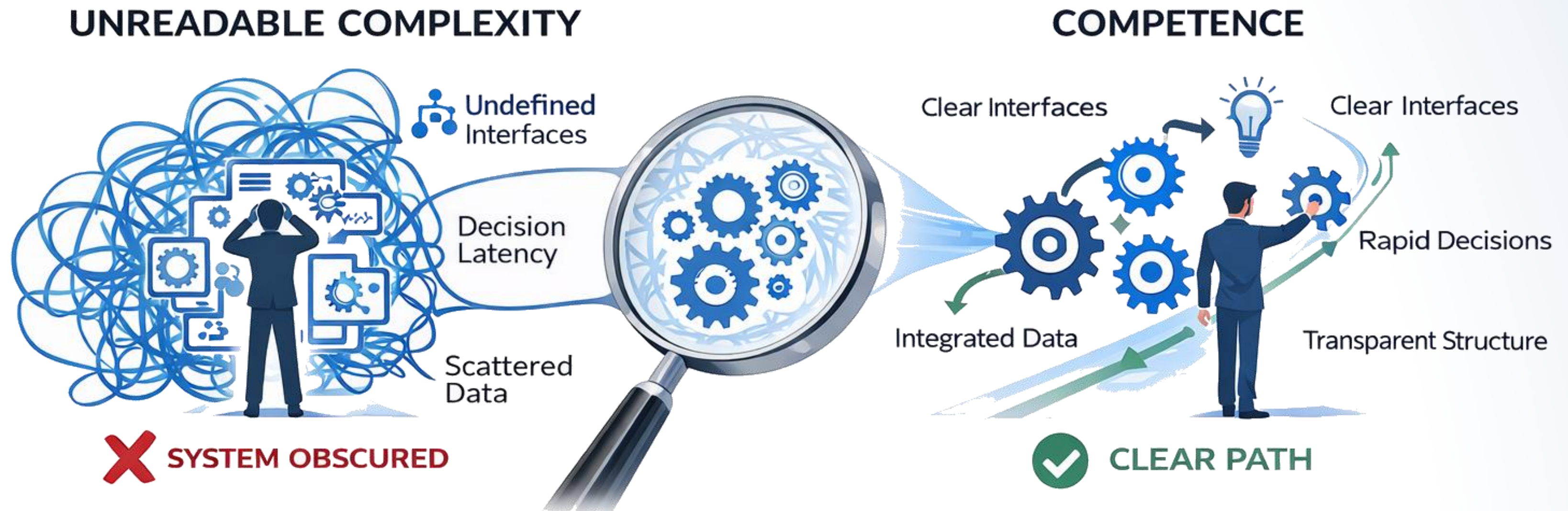
Connecting to Hidden Root Causes

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



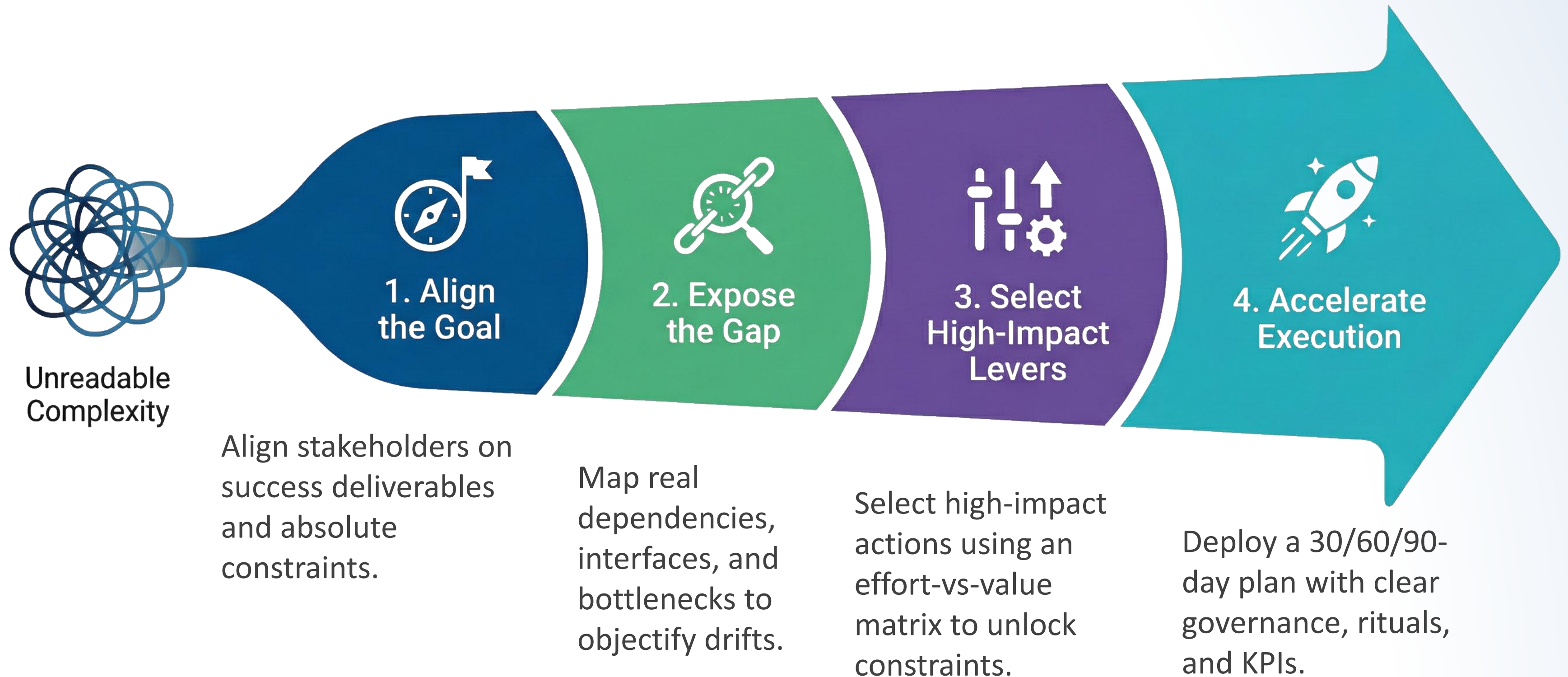
The Problem Isn't a Lack of Competence. It's Unreadable Complexity.

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.

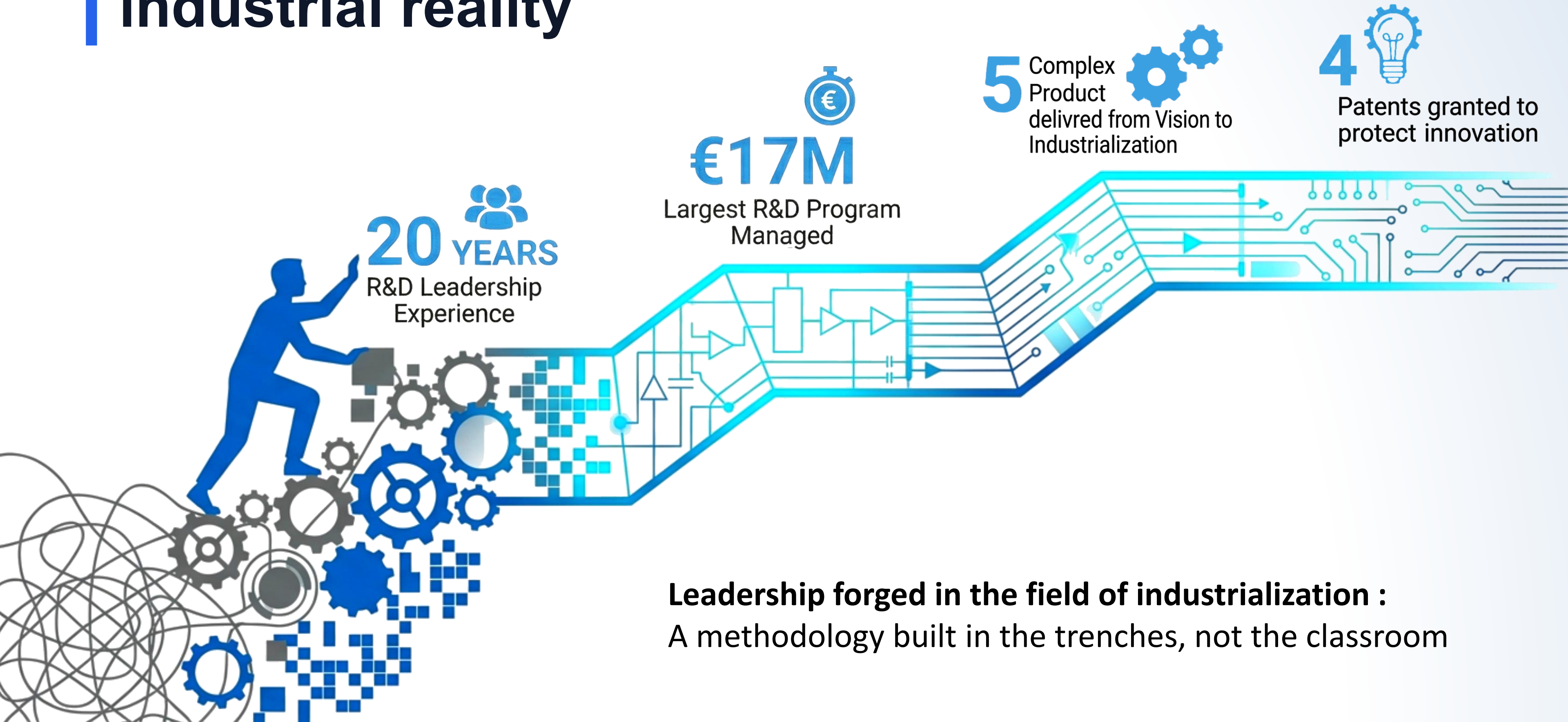
Our Approach: From Clarity to Results



Secure the trajectory



From strategic vision to industrial reality



Leadership forged in the field of industrialization :
A methodology built in the trenches, not the classroom

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

Multi-Physics Engineering
(Fluidics, Optics, Elec., Mech.)

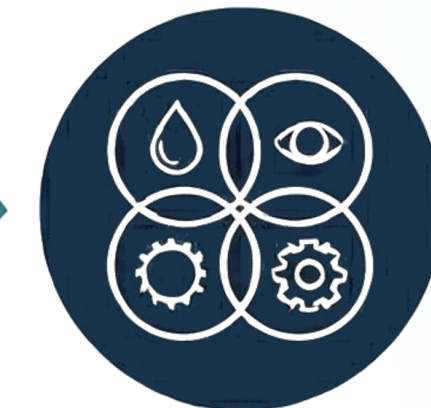
Mechatronics & Automation
(Design, Embedded cycle, V&V)

Core QMS
(ISO9001 ISO13485 ISO62304)

Software & Data Architecture

The Accelerator: Data & AI

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



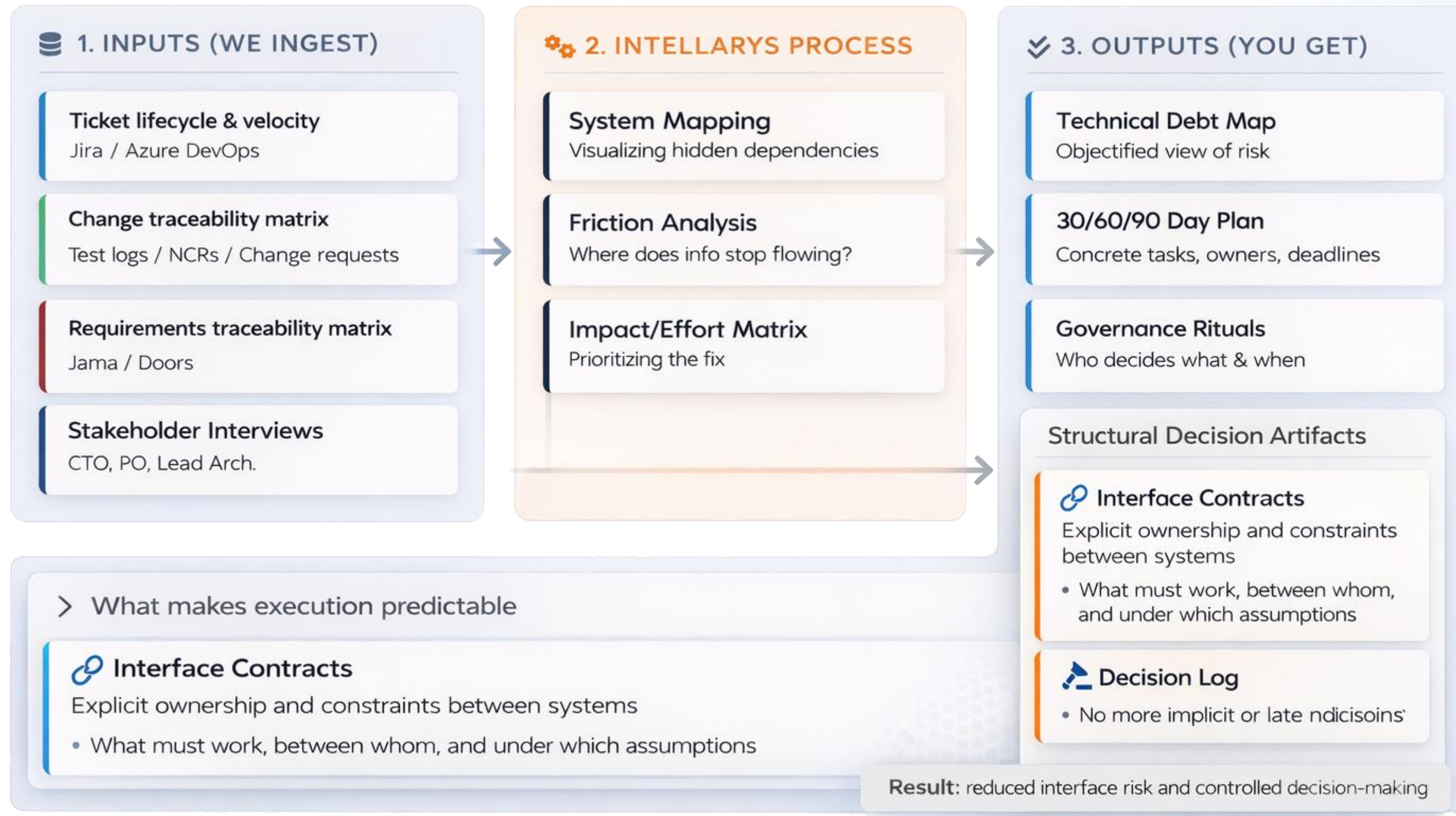
UNIFIED RESULT:
Rational & compliant product,
Smart process, reuse scaleup,
Aligned team, capitalization.

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

Zero

Critical bugs in V&V phase

20% to 90%

Integration pass rate

-60%

Blocked tickets in 6 weeks

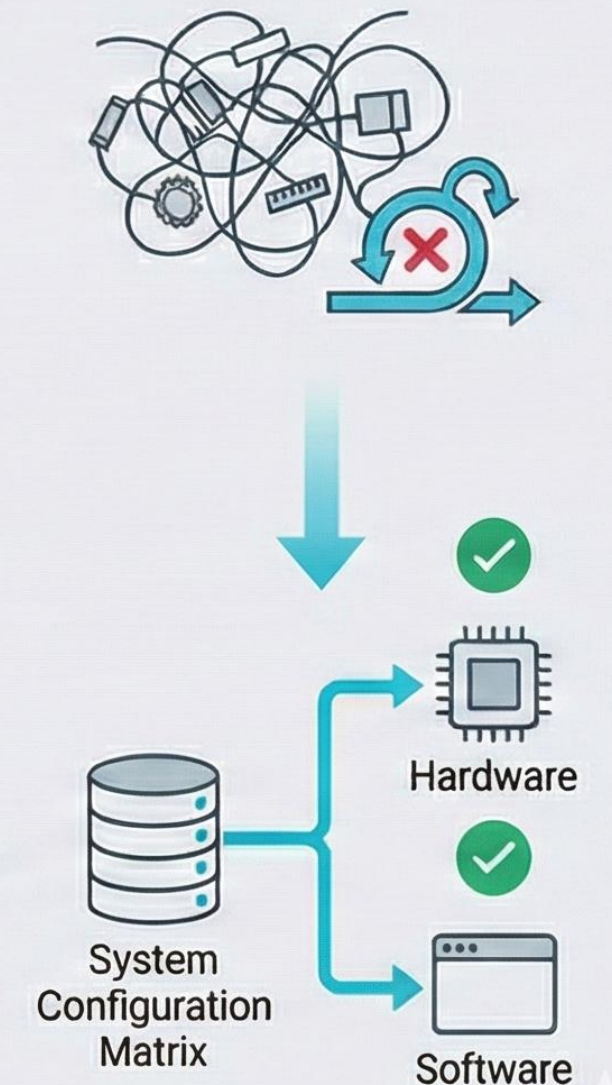
Context

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

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

Outcome

Faster delivery, fewer late reworks, and predictable execution.

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.



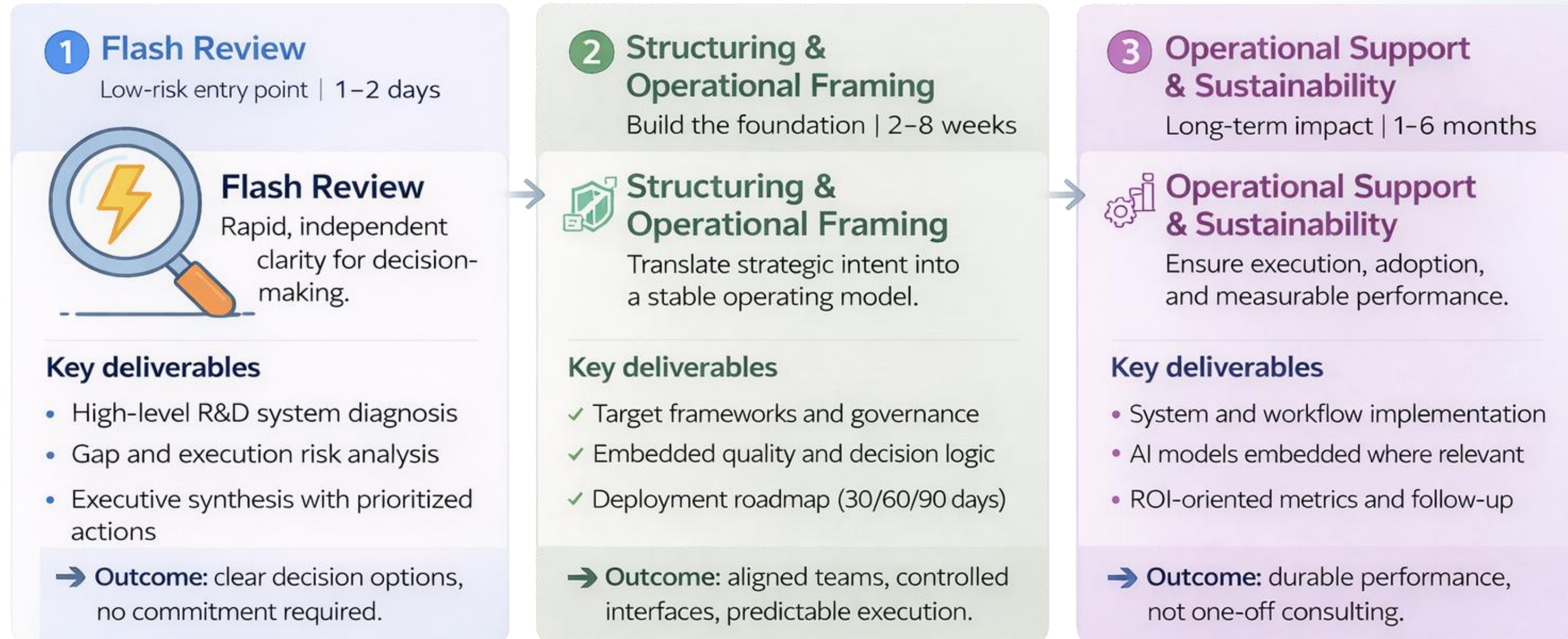
No Vendor Lock-In

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.



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 : [\[Link to Calendry\]](#)

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<https://www.intellarys.com>