Role of Functional Sizing as an Intervention to improve Software outcomes

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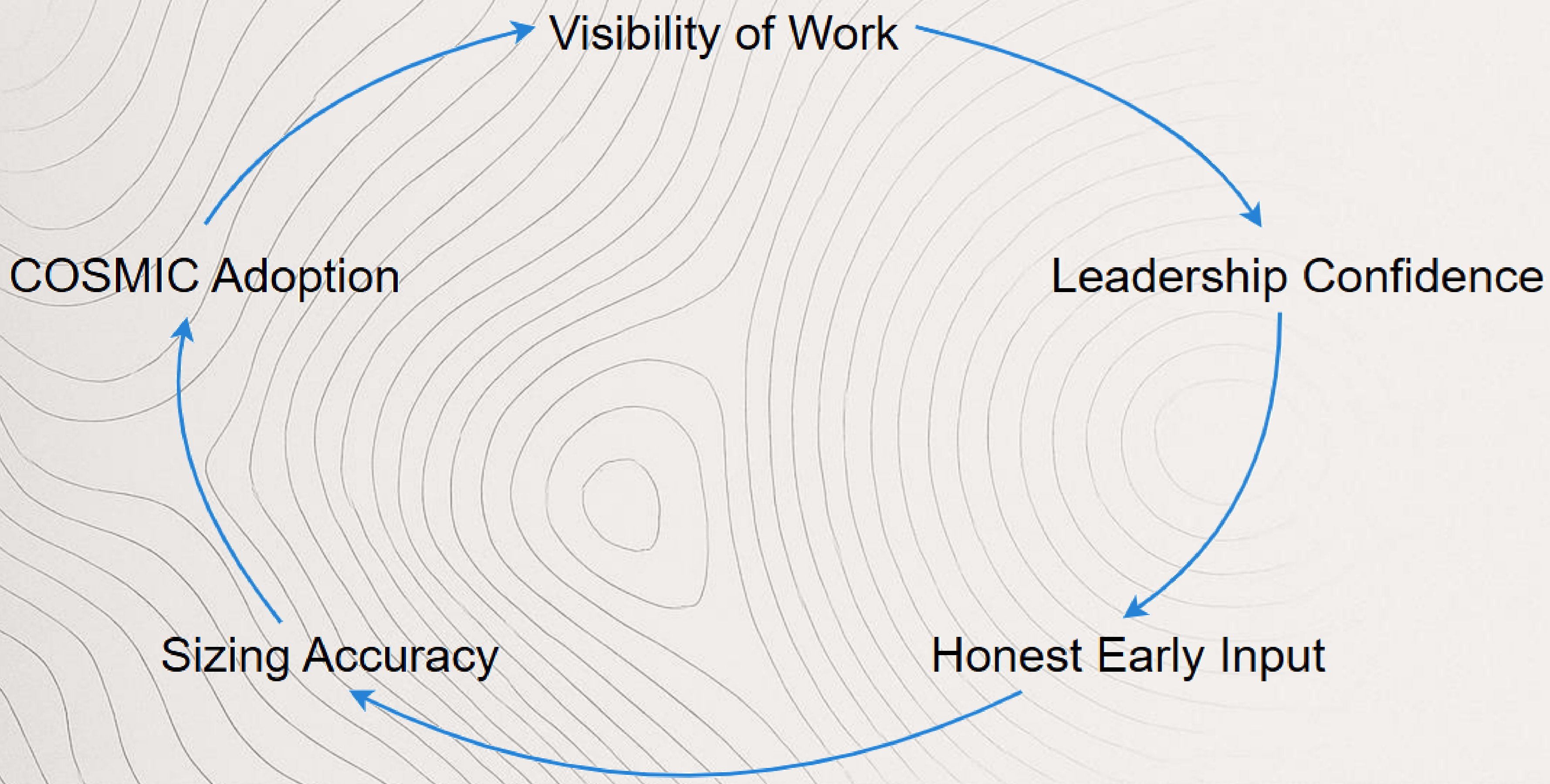
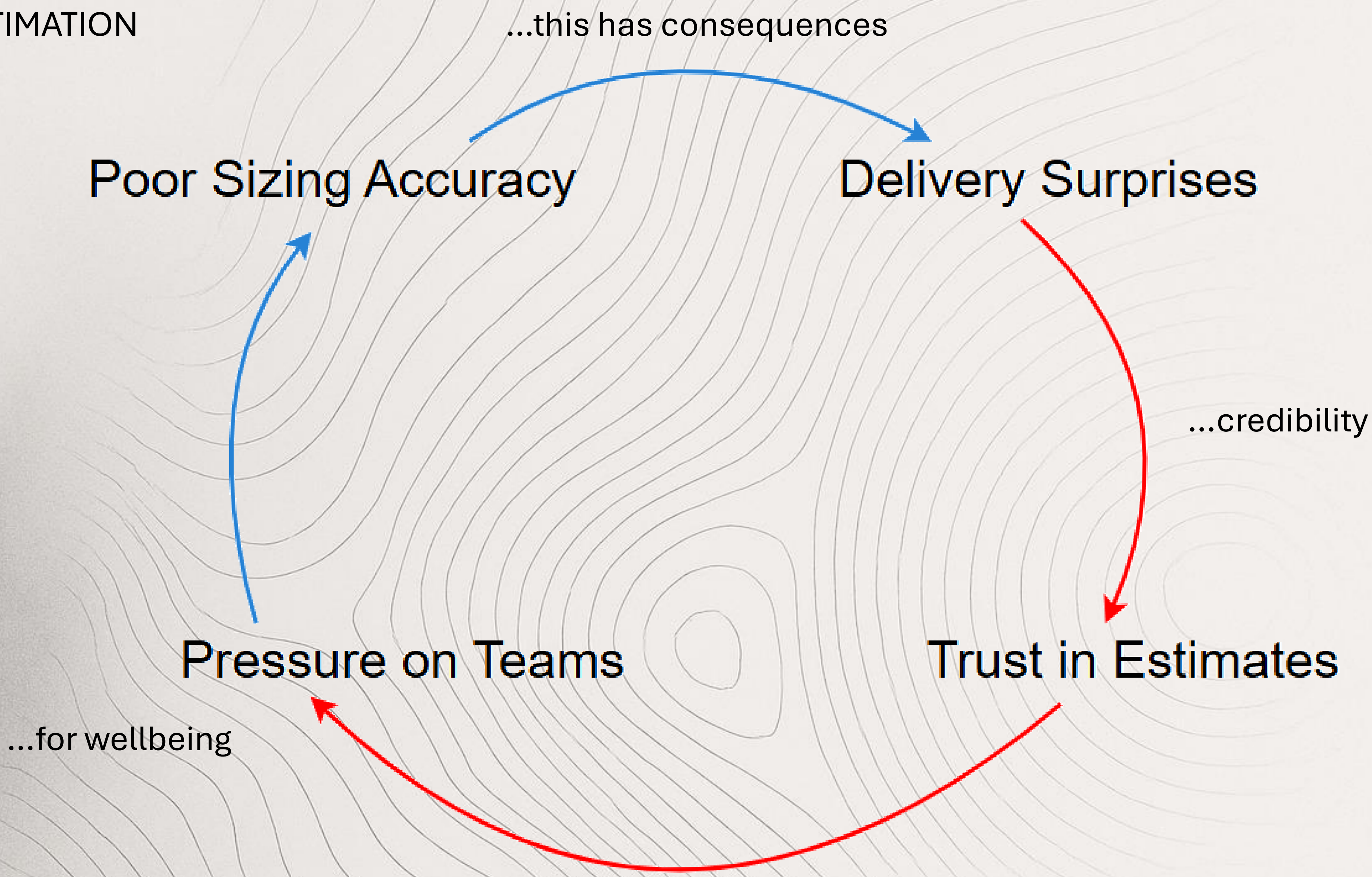
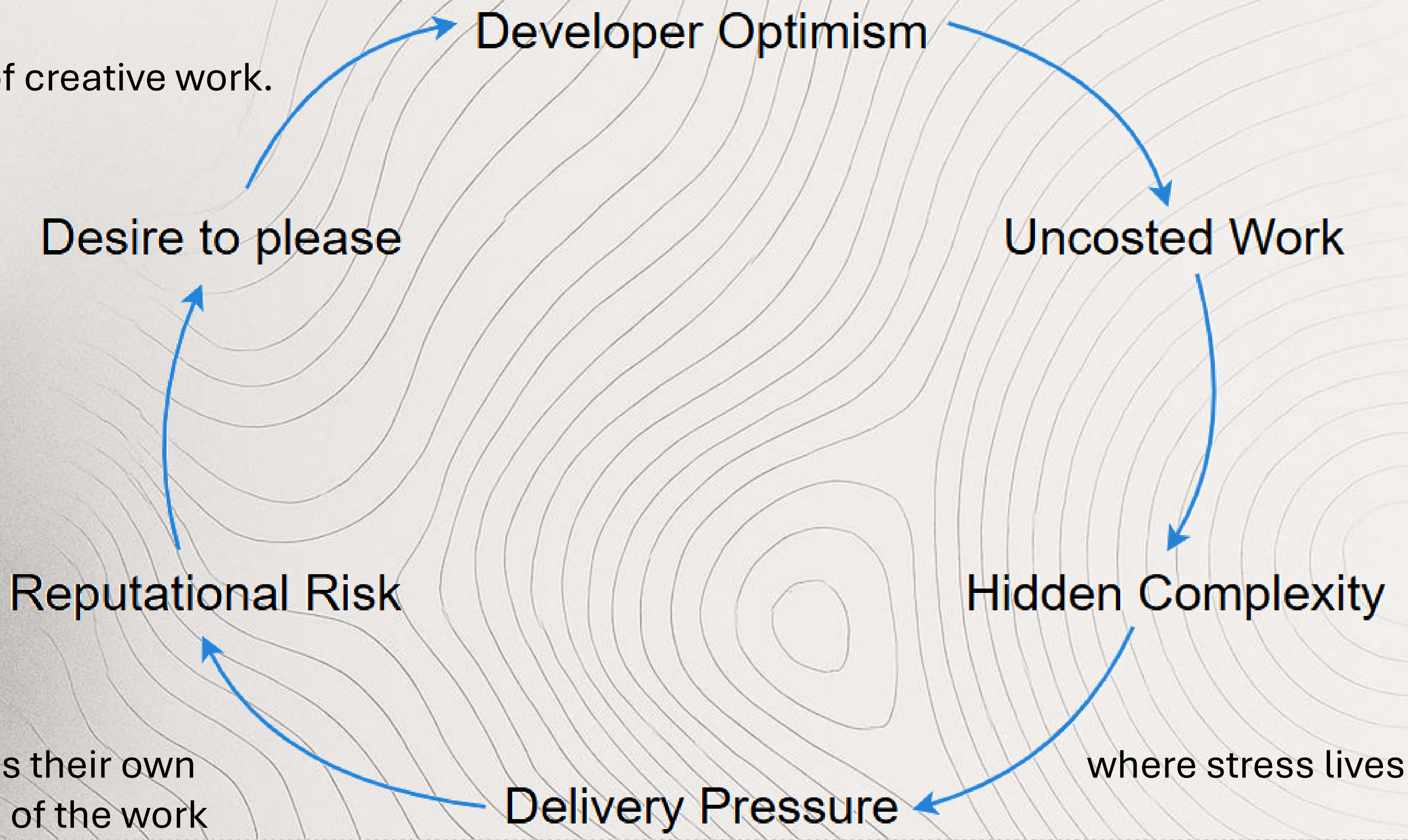


LOSE-LOSE OF ESTIMATION



DEVELOPER OPTIMISM

the psychology of creative work.

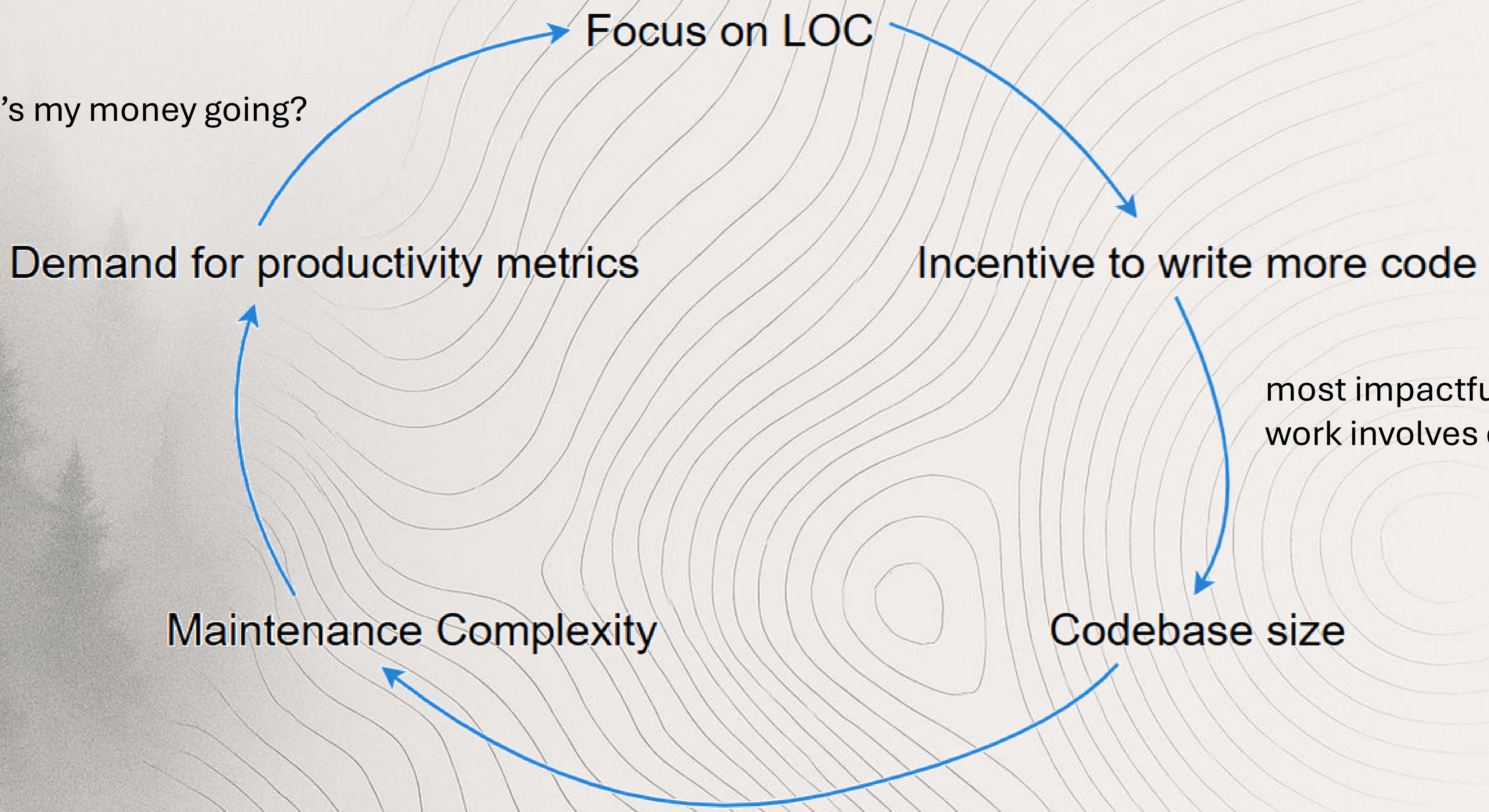


everyone builds their own
mental picture of the work

where stress lives

Lines of Code Legacy

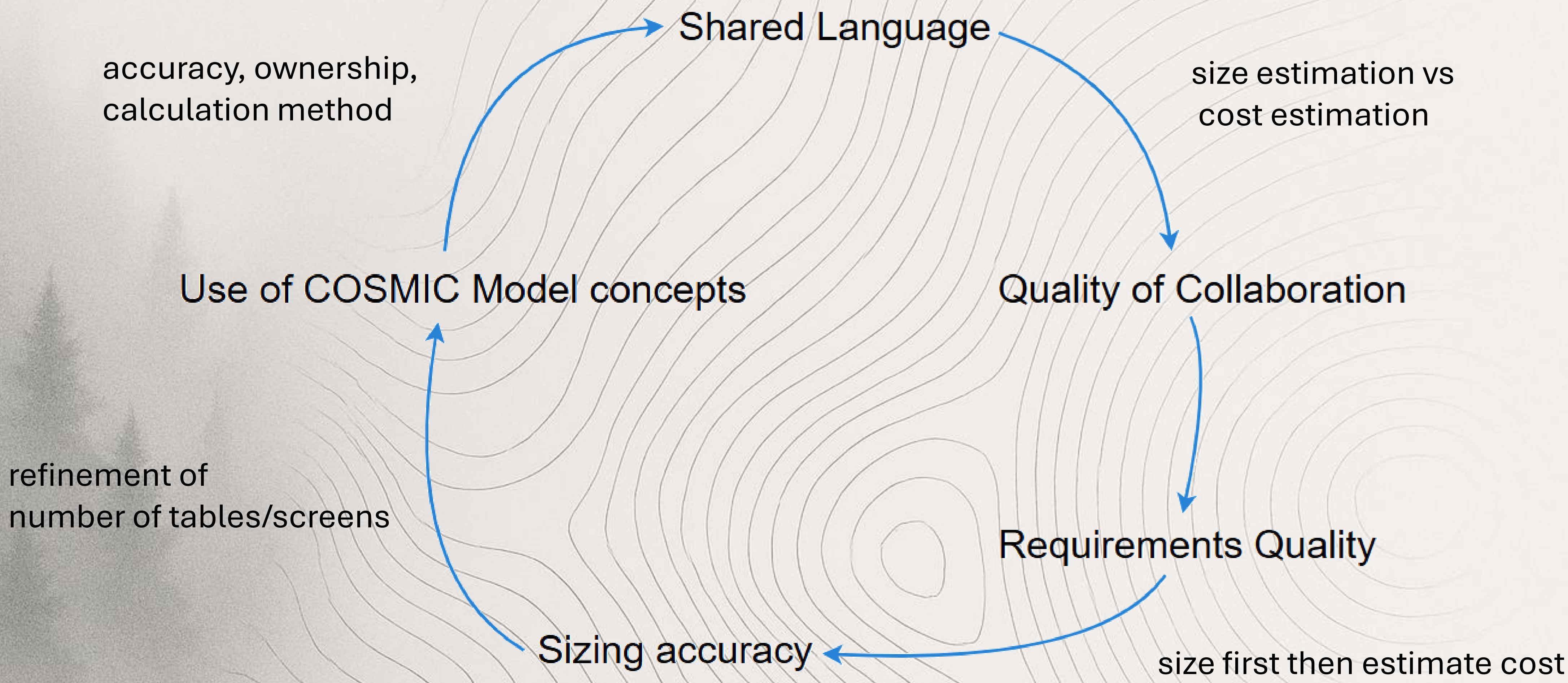
where’s my money going?

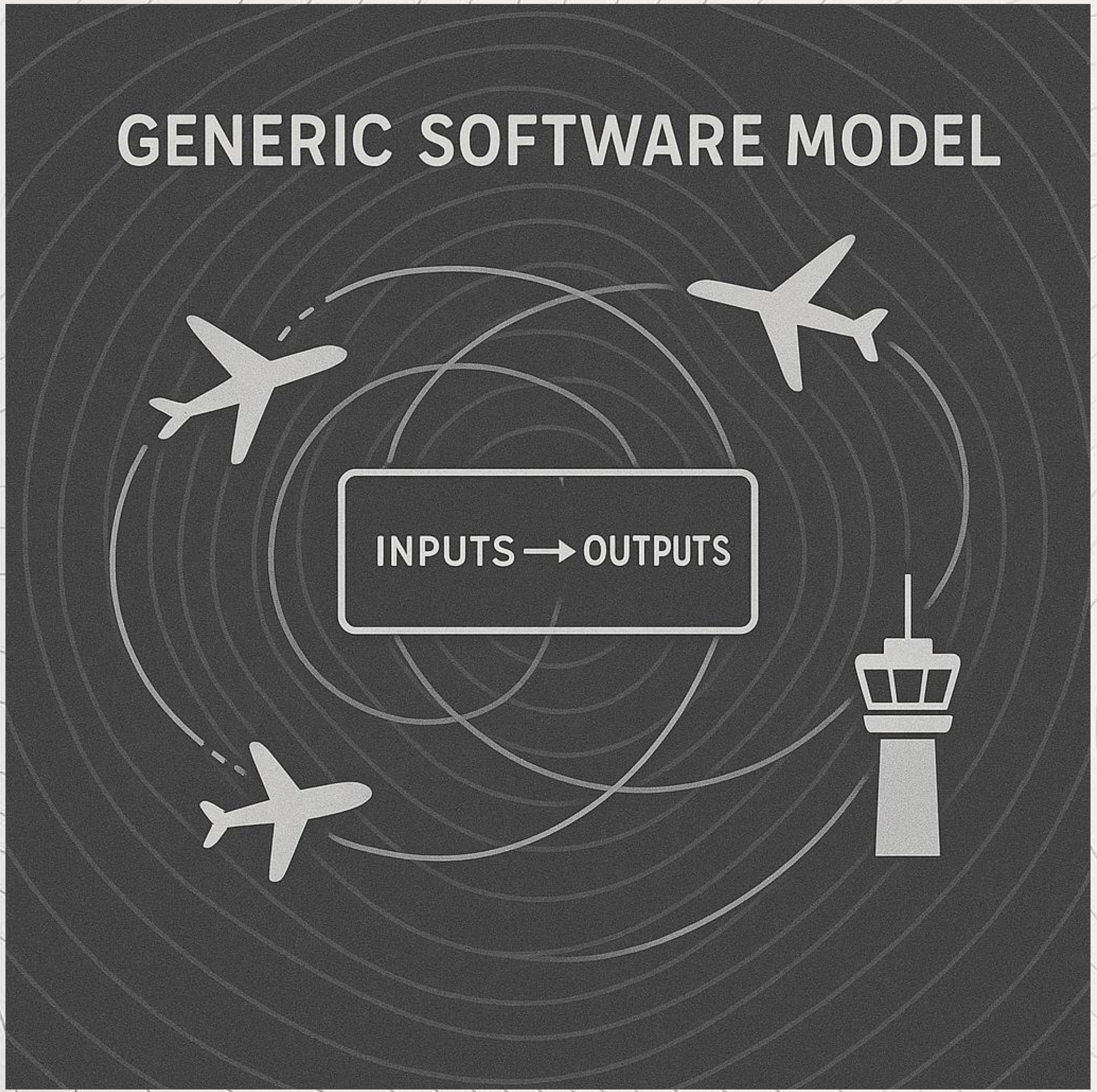


most impactful engineering work involves deleting code

rewards the wrong things

Discovering COSMIC (and the Software Model)





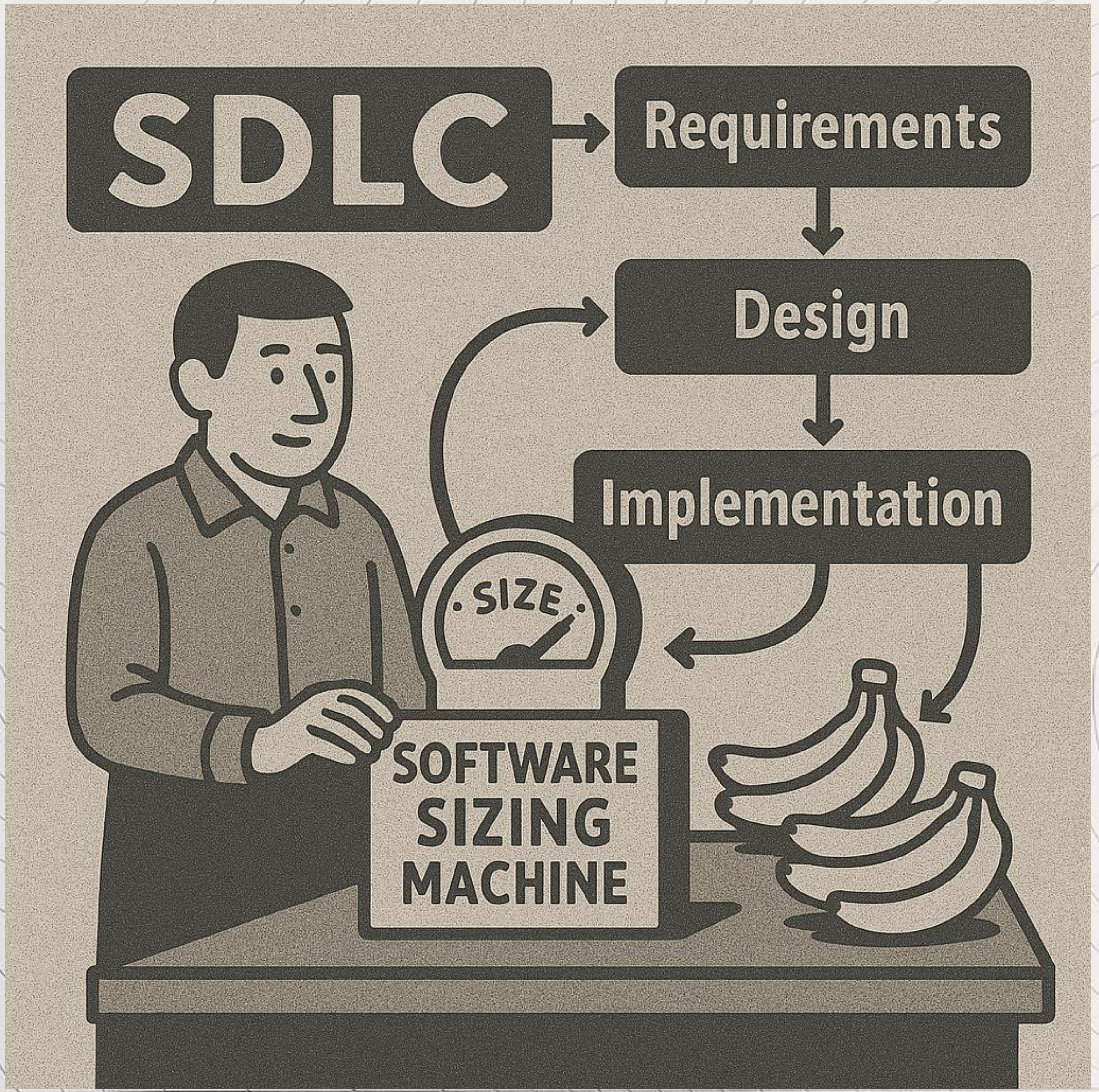
COSMIC makes the invisible discussable

SCEPTICISM

The cost of estimating size is hard to sell

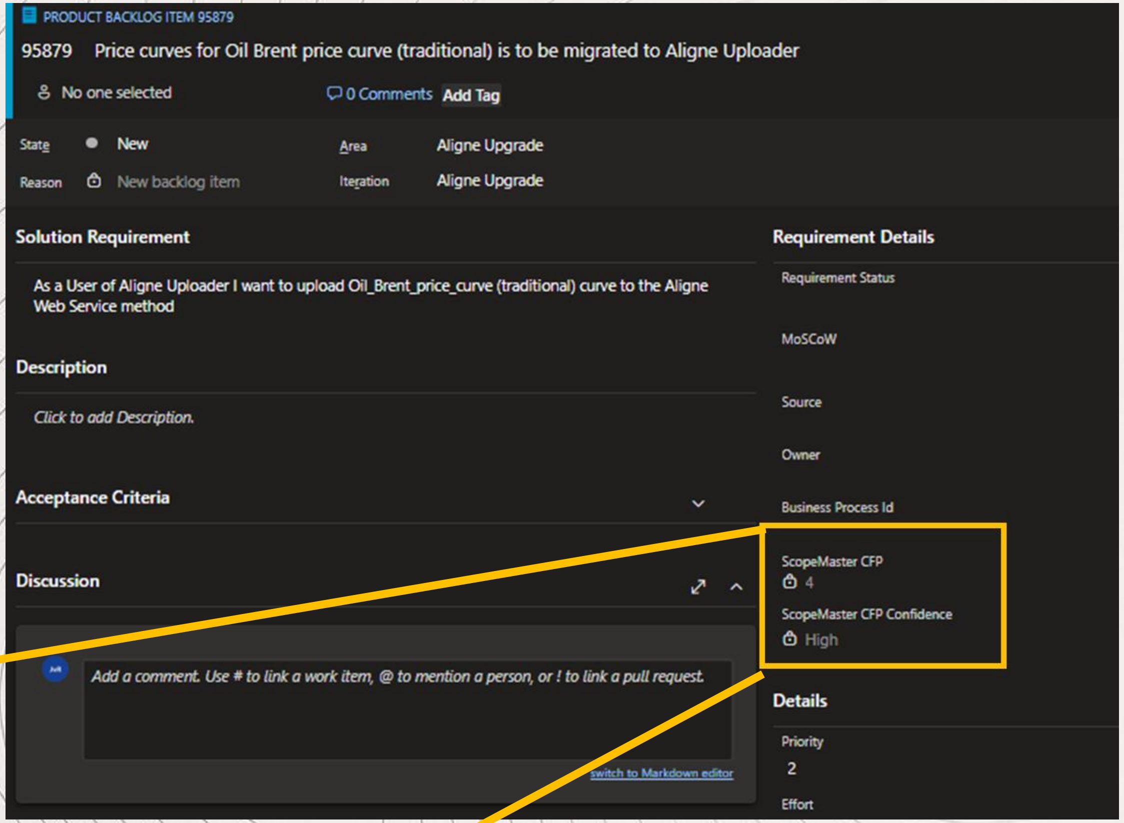
…especially if the transaction is reduced

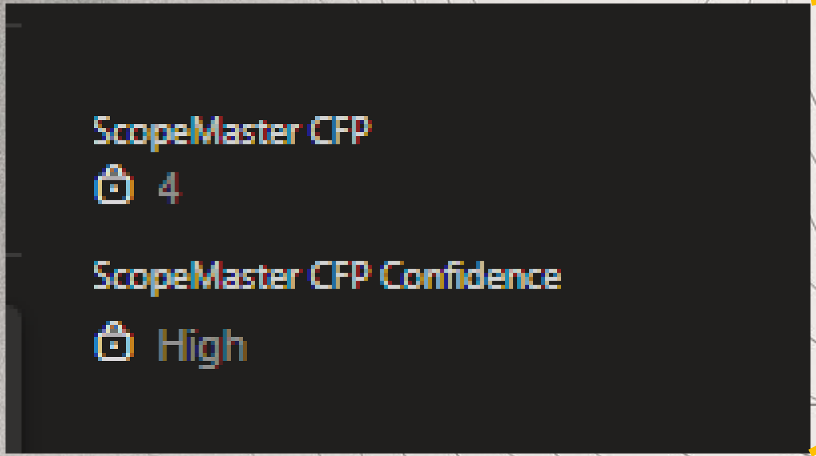
Automation made all the difference



INTEGRATION

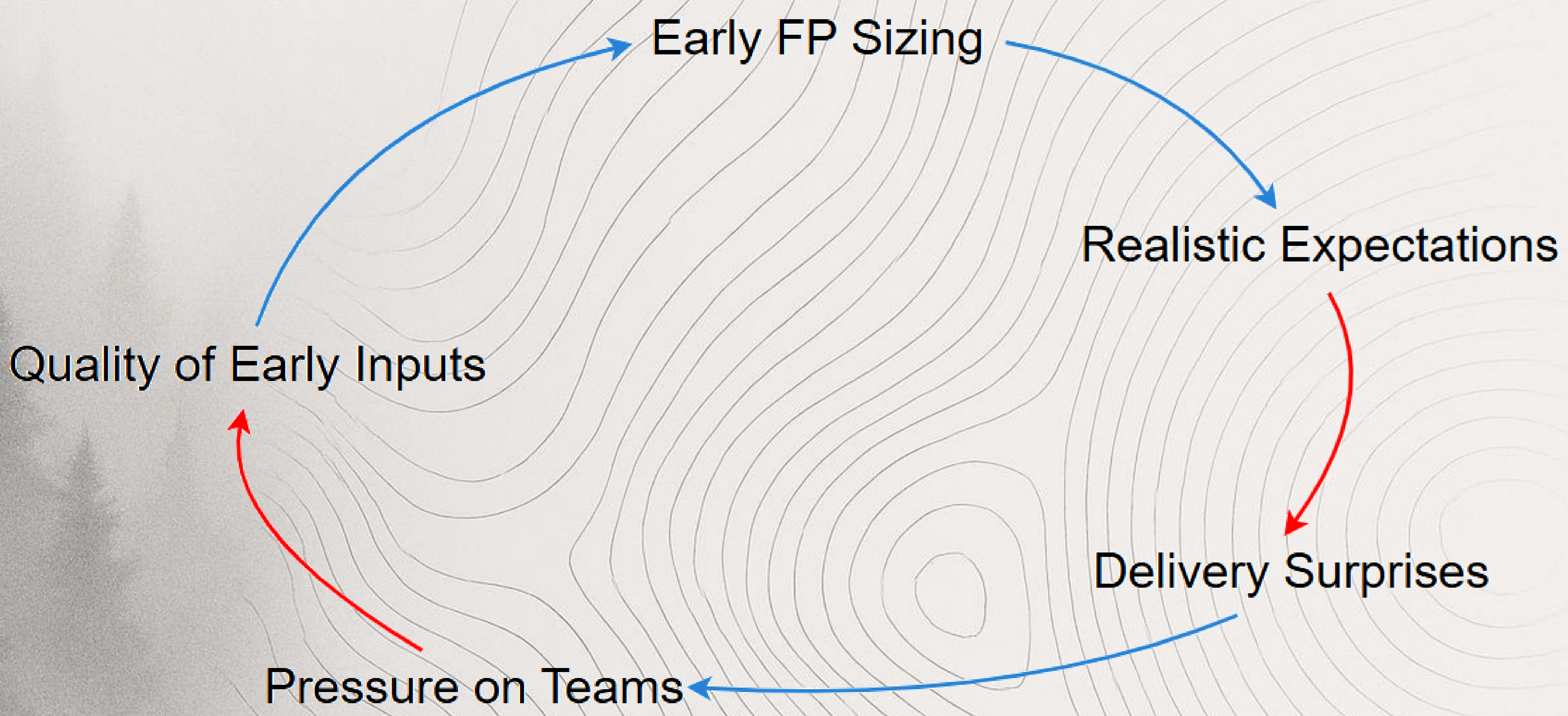
Resistance dropped as we implemented synchronisation of size automation with ADO





“my requirements are being scored.”

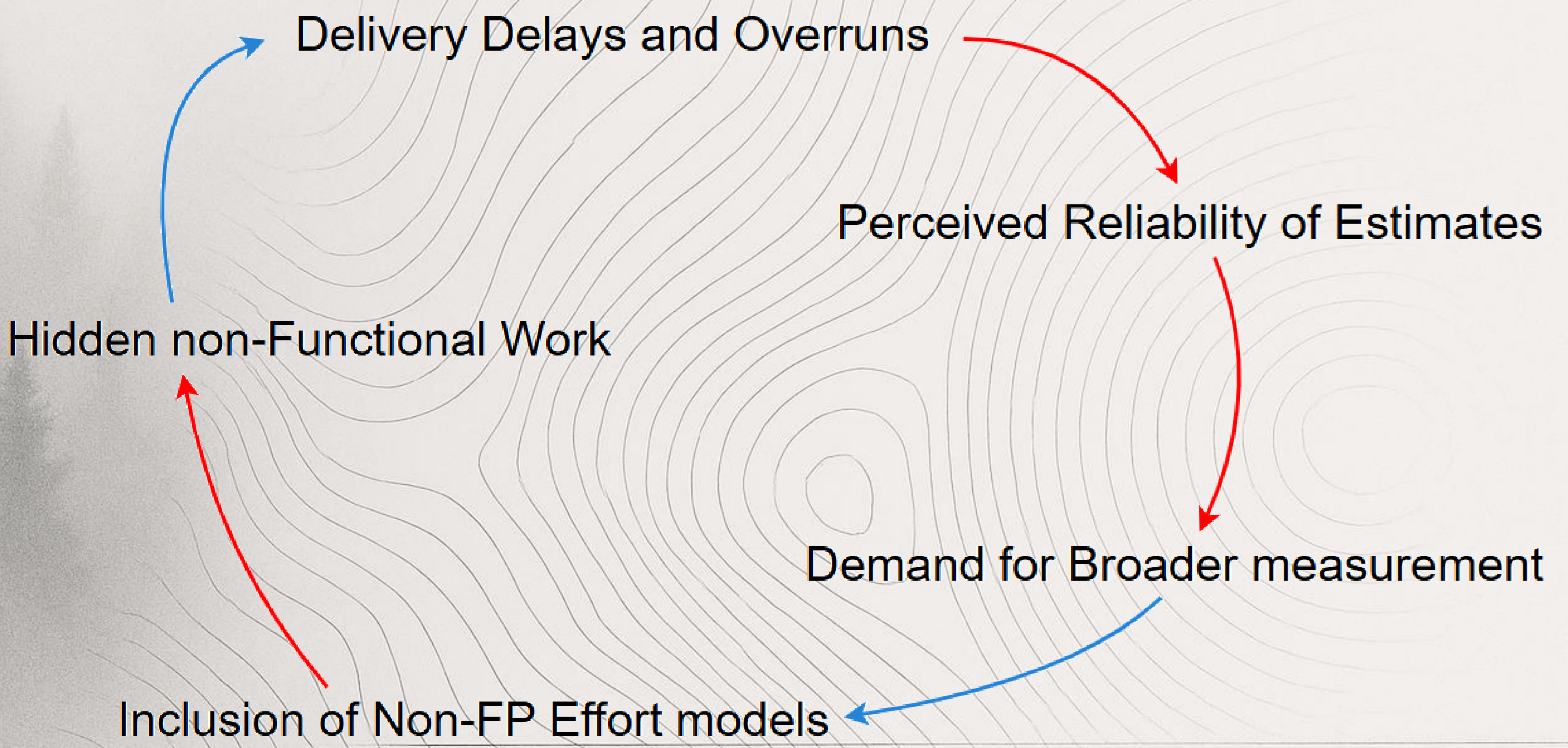
CLARITY BEFORE DETAIL



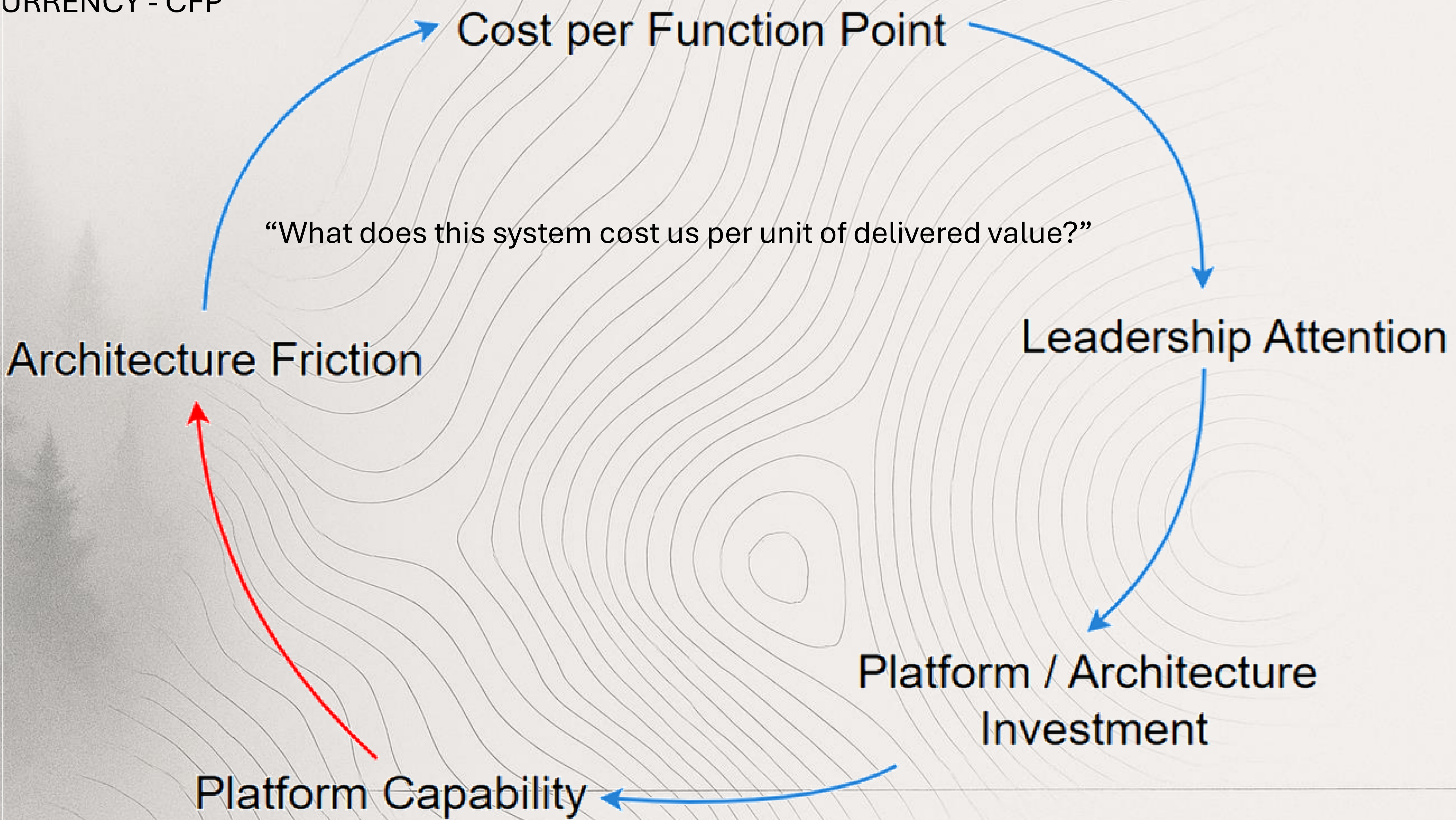
numbers to the table before the detail exists

SIZE MATTERS BUT MONEY MATTERS MORE

COSMIC measures functional behaviour — but a lot of cost lives around it

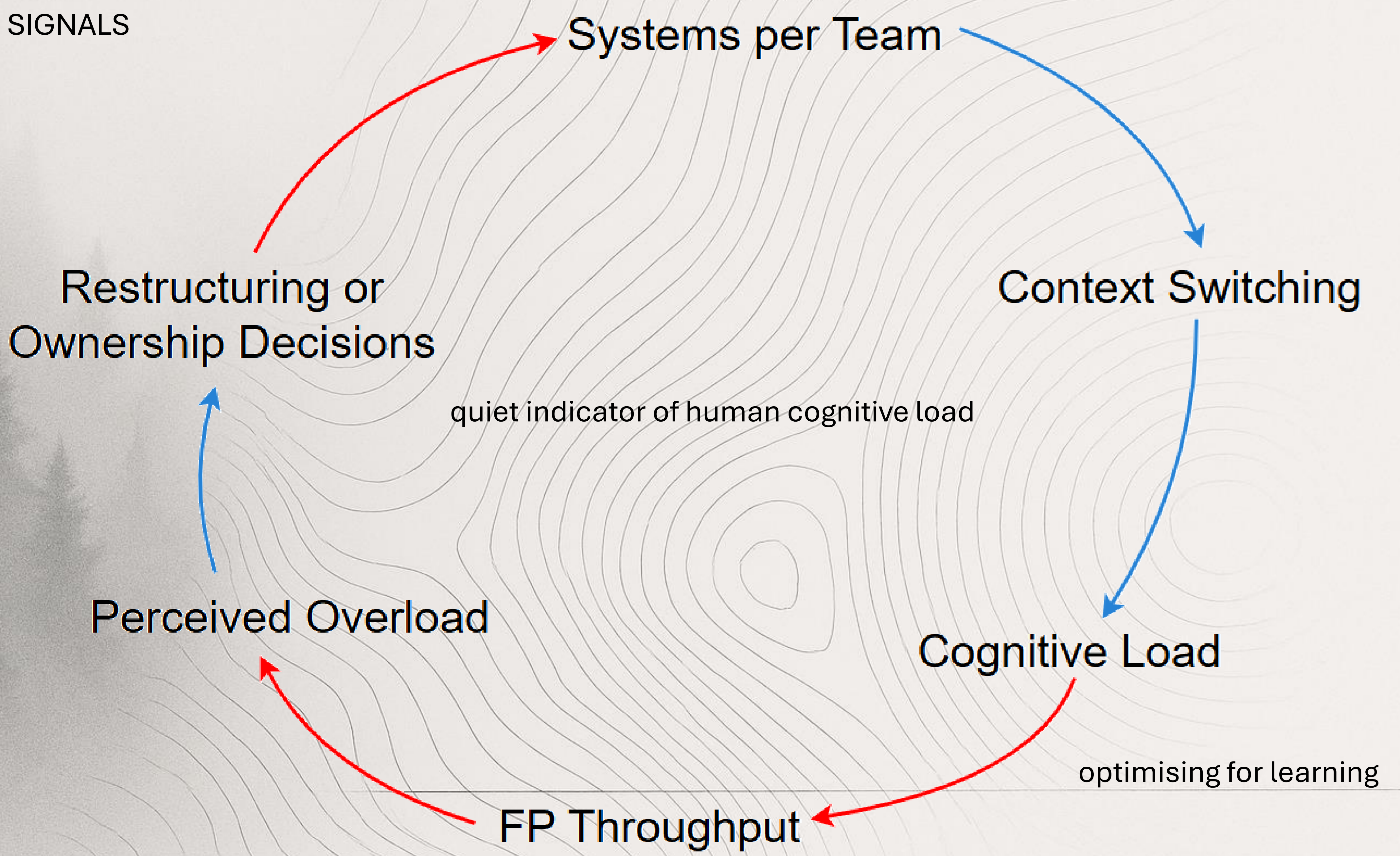


A NEW CURRENCY - CFP



“What does this system cost us per unit of delivered value?”

HUMAN SIGNALS



10X IN REVERSE

System(s) not observable

Hidden Domain Fragmentation

Integration Complexity

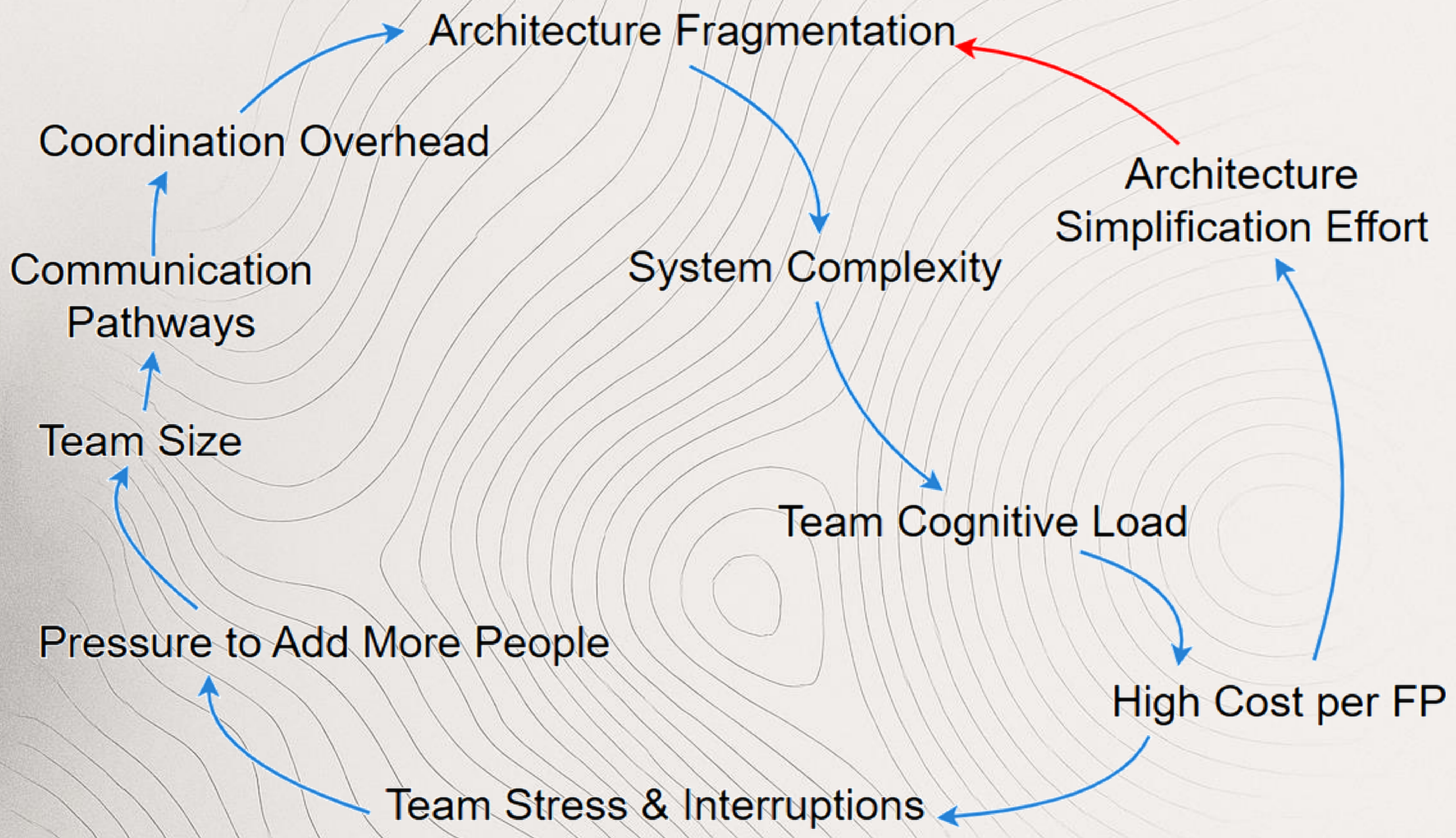
FP Throughput

Stress in Team

Architecture & Ownership Redesign

“Why did we ever expect one team to deliver effectively through this environment?”

ARCHITECTURE AND TOPOLOGY



"This is SaaS economics applied to internal engineering."

reduce the marginal cost of each additional unit of value by investing in cross-cutting concerns

H2 OBJECTIVES

Clear FP-Based Objectives

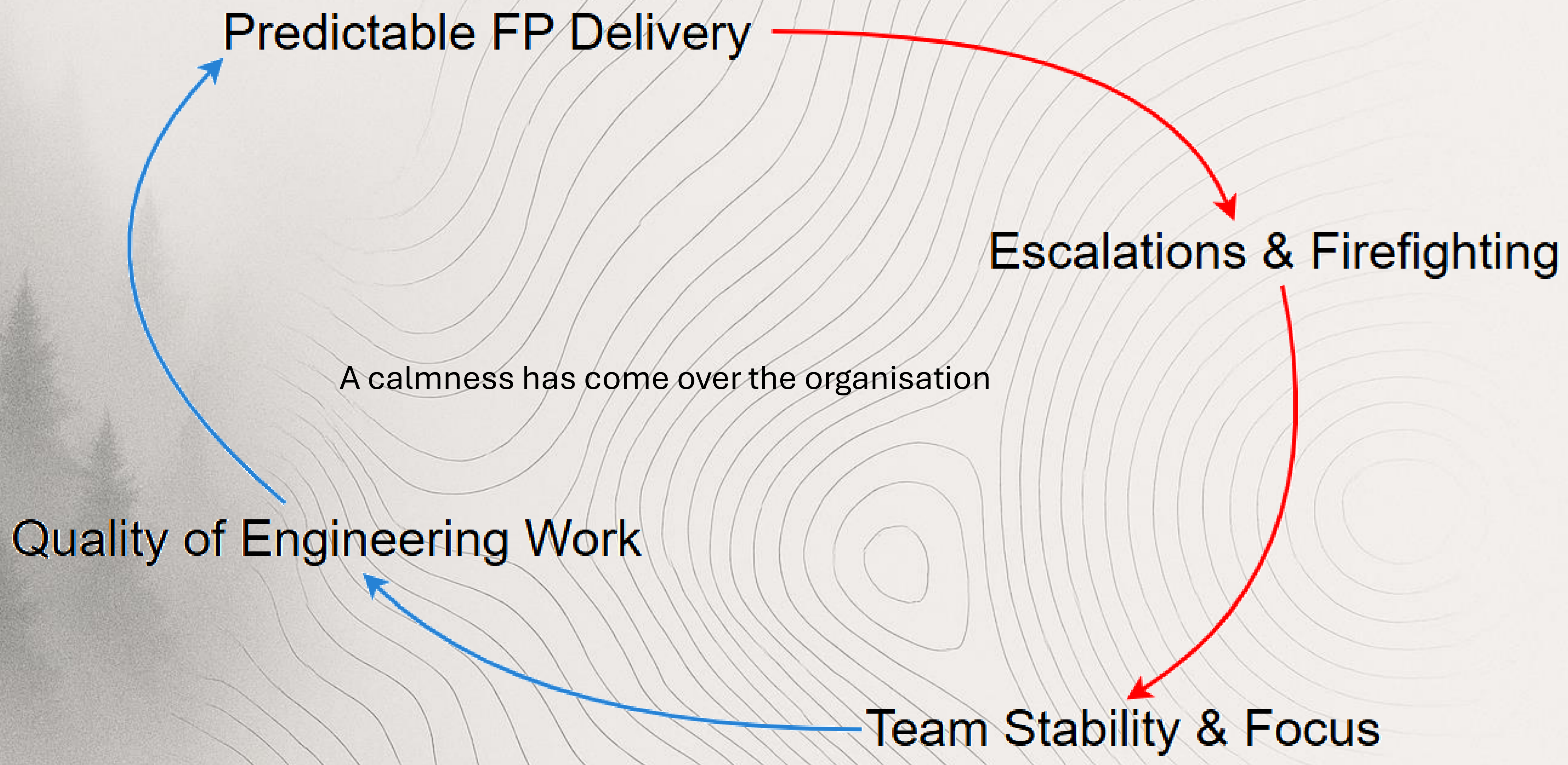
- Function Point Throughput per FTE
- Cost per Function Point

Teams Pulling in Same Direction

Throughput & Cost Performance

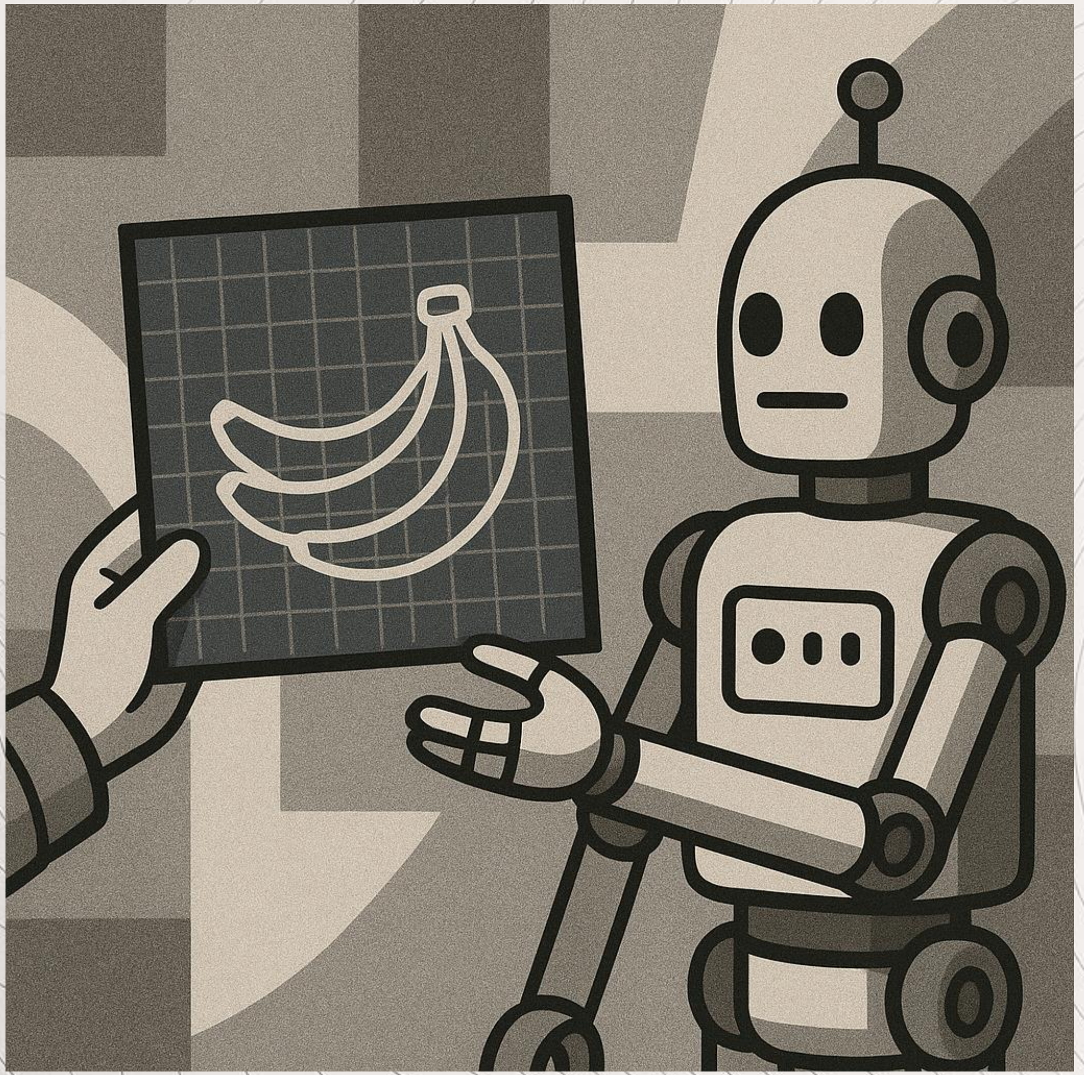
Leadership Trust & Support

Continuous Improvement

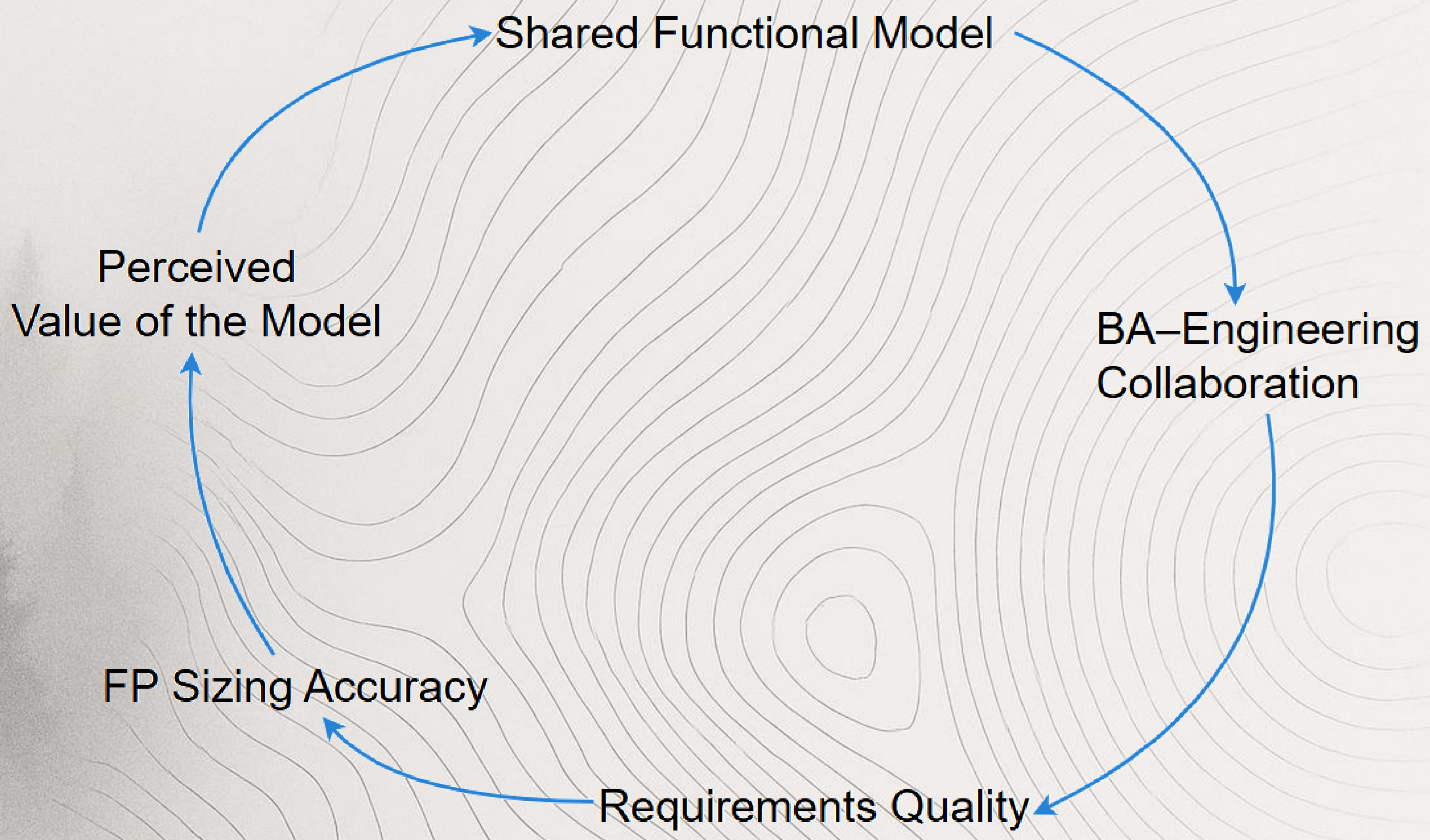


A calmness has come over the organisation

RETURN OF THE SPEC

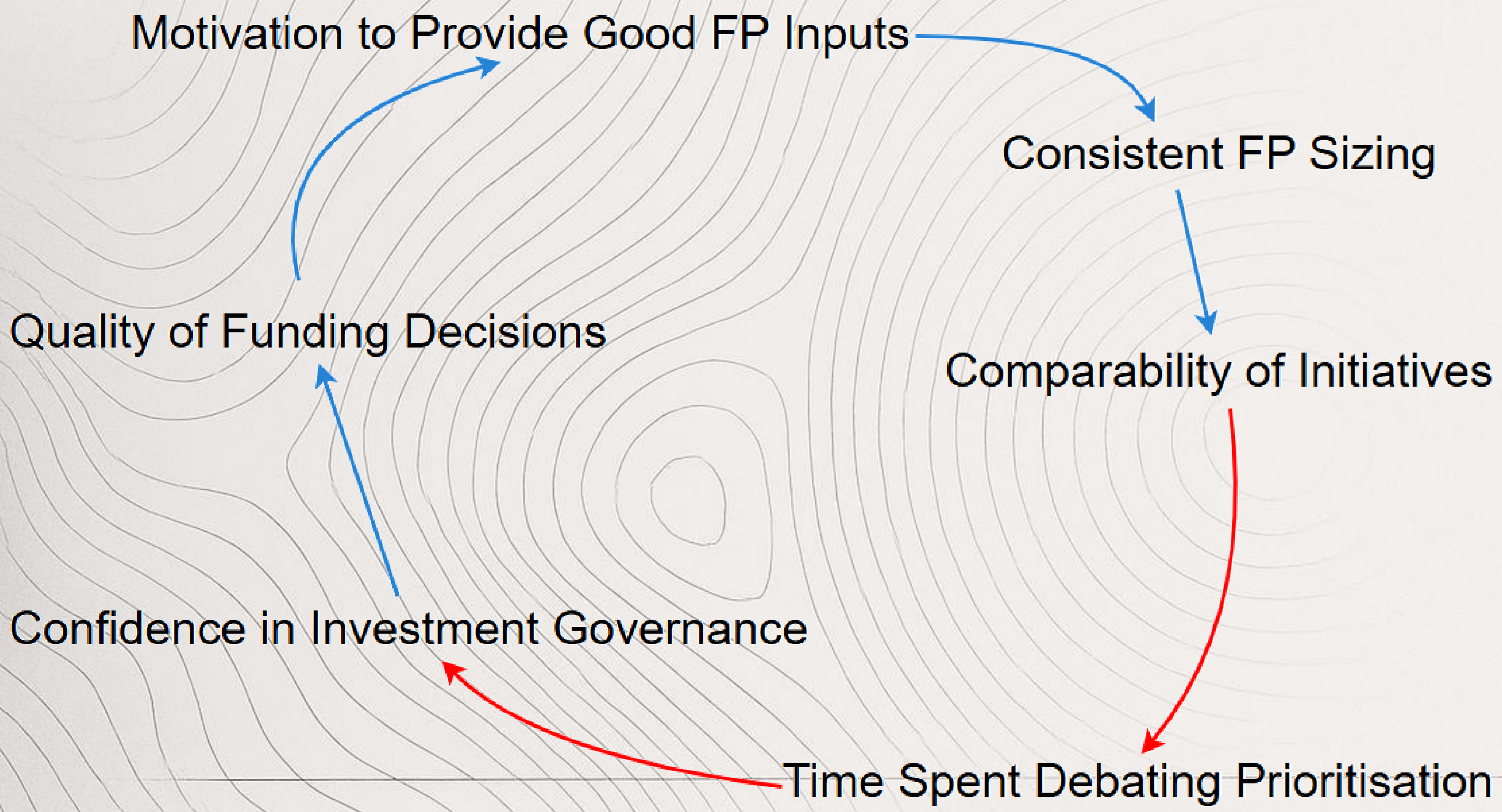


The **cost** of creating good specifications is falling
at the same time their **value** is rising.

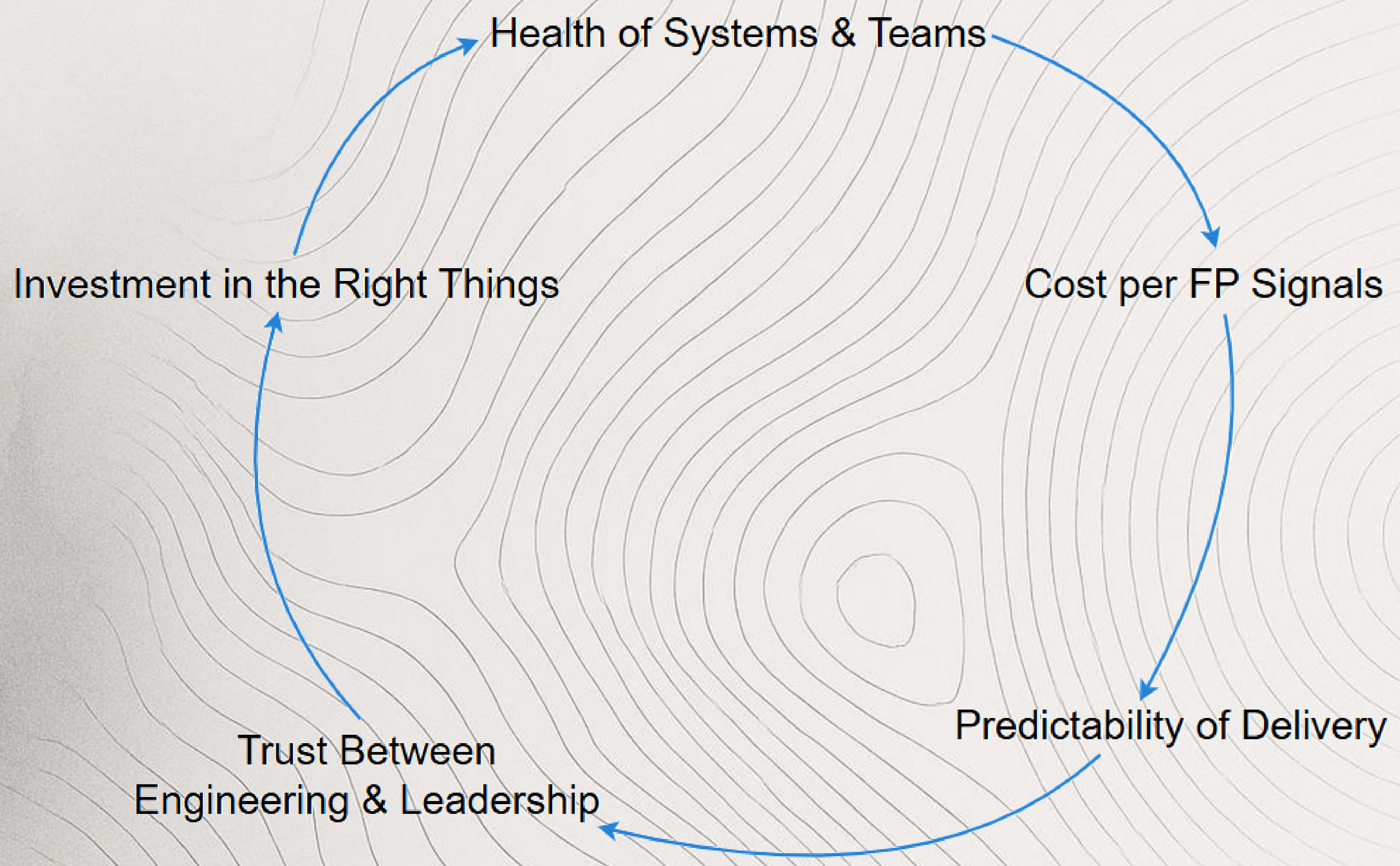

Shared Functional Model
BA–Engineering Collaboration
Requirements Quality
FP Sizing Accuracy
Perceived Value of the Model

FPs AND FINANCIAL PLANNING

"Within 6–9 months we will have a fully measurable, value-led, financially defensible FP budget model without disrupting delivery."



WHAT SURPRISED ME



CLOSING REFLECTIONS