



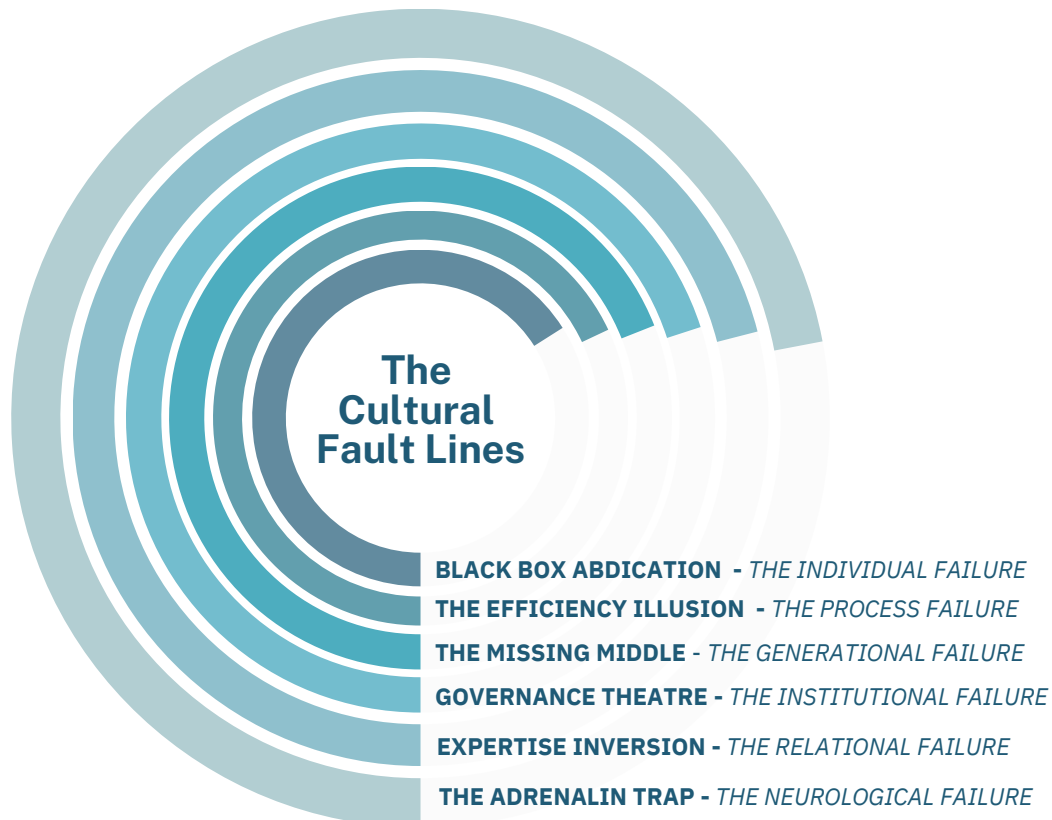
The Cultural Fault Lines

How Organisations Fail at AI
Without Knowing It

Co-evolving with AI
Paper #4

Most AI failures are not technology failures. They are culture challenges – specific, predictable, and largely invisible until the implications become too significant to ignore.

The six fault lines in this paper run beneath many organisations navigating AI adoption. Several of the tensions described here are not from lack of effort or intent. They tend to appear where the adaptive capacities explored earlier in this series are not present and have not been actively developed.



One – Black Box Abdication *The individual failure*

In July 2025, a 237-page report examining Australia’s welfare compliance system was delivered to the Department of Employment and Workplace Relations by Deloitte.

When a University of Sydney academic reviewed the document, he identified multiple references to academic papers that did not exist, along with a fabricated quotation attributed to a federal court judgment. The report was later revised, and Deloitte acknowledged that generative AI tools had been used in its preparation and agreed to repay part of the contract fee.

This is Black Box Abdication at its most consequential. The fault line is what didn’t happen before the report was delivered. The coherence of the output and the confidence of the language were privileged over the credibility and reliability of the sources. AI hallucinates confidently. The fake court decision arrives in the same register as the real one. And the human who has stopped questioning has no remaining instrument with which to tell the difference.

The antidote is the restoration of professional responsibility as non-negotiable, the expectation that every significant output has been interrogated before it leaves the building. Not reviewed. Interrogated. The question asked not ‘does this read well?’ but ‘do I know this to be true, and can I stand behind it?’

We defer to confidence. And AI is always confident.

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Two – The Efficiency Illusion *The process failure*

The process improvement team is delighted. AI-assisted mapping has reduced the customer onboarding journey from fourteen steps to five, with cycle time down 67%. The project is declared a success.

Eighteen months later, customer satisfaction has declined, and no one can quite explain why.

The mapping exercise didn't capture what lived inside the steps that were automated away. The application review, dismissed as a bottleneck, was often where someone noticed the address didn't match or sensed something slightly off, through attention rather than a system flag. The welcome call, dismissed as inefficient, was often the first moment a customer felt known.

These were the places where human judgement and connection entered the process, difficult to measure and easy to remove.

The fault line sits in the assumption that efficiency and value are the same thing. AI makes it possible to do the wrong thing with extraordinary precision. Organisations that don't ask "*should we be doing this at all?*" before asking "*how can AI help us do it faster?*" are not transforming their processes. They are accelerating existing limitations.

The antidote is to treat every automation decision as a design question: what human judgement lives inside this step, and what is lost when it is removed? Whether that loss is acceptable is the real decision.

It is easier to optimise than to reimagine.

Three – The Missing Middle *The generational failure*

The new graduate joins the team. Bright, curious, immediately fluent with AI tools. Within a fortnight they are producing research summaries that would have taken a junior analyst a month. The partner is delighted.

Three years later, when asked to lead a complex client engagement independently, something unexpected happens. They freeze. Not from lack of intelligence. From lack of scar tissue.

They have never had to sit with a problem long enough to develop their own position on it. Never been wrong in a way that cost them something. Never had to defend an argument against a sceptical client when the data didn't quite support it and judgement alone had to carry the weight. AI was always there - faster, more confident than their own nascent thinking.

The fault line is structural. The graduate did everything right. The organisation designed a system that removed the conditions under which professional judgement develops. The slow first draft, the imperfect analysis, the struggling through – these were never just outputs. They were the apprenticeship; and when it was automated away, so was the capability it was building. The missing middle doesn't announce itself. It arrives years later, when the organisation looks for its next generation of experienced judgement and finds it was never developed.

The antidote is deliberate. Some tasks need to be protected from automation because they build the capacity the organisation depends on. The question is not "*can AI do this?*" but "*what does a person learn by doing this themselves?*"

Unless we are mindful of this, we will optimise away the training ground.

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Four – Governance Theatre *The institutional failure*

Governance Theatre

Governance theatre often emerges when organisations feel compelled to act before the strategic thread has been fully translated across the system. In some cases, there is clarity at senior levels about the significance of AI, but that clarity has not yet been sufficiently communicated or metabolised more broadly. In others, the rationale sits outside the organisation: “McKinsey says...” or “everyone else is doing this”. In both cases, governance activity can move ahead of shared understanding.

In one organisation, employees were permitted to use only a single approved AI system. The intention was sound: manage risk and ensure responsible adoption. When teams needed capabilities not available within that system, some worked around the controls, moving material across systems through external channels in order to complete their work. Visible risk was reduced, but hidden risk increased.

When organisations move to control AI before they understand how people work with it, they risk creating environments that are less safe, not more. What is the adaptive response when governance encounters novelty?

Antidotes include:

1. Keeping the strategic thread alive beyond the point of decision. This means supporting shared understanding of why AI matters and how it changes the ways of working
2. Observing and providing insights on the effectiveness of the AI governance, allowing governance to evolve alongside emerging patterns of AI use. This may include using AI as the observer.

Five – Expertise Inversion *The relational failure*

It begins in a coffee conversation. Bob leans forward with a rawness that surprises you.

“I’ve been told the new graduate is going to be my AI mentor. They know nothing of the business. They have no scars on their hands. I have bled for this company. And now this.”

Bob is expressing a grief that he hasn’t yet had permission to process.

AI fluency sits disproportionately with the youngest and most recently arrived. With the best of intentions, organisations invert the traditional mentoring relationship. What can get lost in that inversion is Bob’s undocumented knowledge.

Not his title or tenure. The knowledge living in the scar tissue of the organisation: why no one talks about what happened to Matt, the workarounds from the implementation that nearly failed, the felt sense of which decisions carry hidden risk.

Bob’s experience remains deeply relevant. He is extremely well equipped to spot the other cultural fault lines as they emerge. Yet this can get lost in the rush to implement a technical AI solution. At that point, Bob may withdraw effort or commitment.

This is the fault line. The organisational failure to hold both truths at once. *“Your contextual wisdom is irreplaceable, even more so through rapid automation. And, we need you to develop AI fluency alongside it.”*

Organisations that cannot say that and mean it will lose Bob. The institutional memory begins its quiet exit.

The antidote is deliberate knowledge archaeology, pairing experience with AI fluency in a genuine exchange that treats both forms of knowing as essential. It also requires acknowledging what people are being asked to let go of in terms of professional identity, and creating space for that to be seen, held, and worked through.

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Six – The Adrenaline Trap *The neurological failure*

This fault line is perhaps the most personal – and the least discussed. It tends to appear in the most curious, passionate and genuinely invested people in the organisation.

Working with AI can be exhilarating. The pace of the encounter, the quality of what emerges, the sense of ideas building faster than they ever could alone. There is a real neurological charge to it – an adrenalin rush felt in the body, in the acceleration of thought and in the appetite for the next exchange. The system affirms, stimulates, responds instantly. The next question forms before the previous response has fully landed. At a certain point, depth and momentum begin to blur. The system is fluent. It sounds right. And the person most drawn to genuine inquiry may be the most at risk of moving too quickly to notice what is no longer being examined.

While the fault line may first appear in the individual, it becomes cultural when organisations reward the rapid compression of delivery cycles or celebrate the AI sprint, without noticing the human cost or the effect on the system’s longer-term resilience.

“Where is the wisdom we have lost in knowledge? Where is the knowledge we have lost in information?”
- T.S. ELIOT

The antidote begins with noticing. Organisations that achieve strong results over time tend to recognise both the benefits of productivity gains and the risk of human burnout, valuing pace alongside the conditions that support human wellbeing. For the individual, it is the capacity to feel when the nervous system has accelerated beyond the point where subtler resources remain available, and to slow down deliberately before continuing.



*“There is a crack in everything.
That’s how the light gets in..”*

- LEONARD COHEN

Closing Reflection

When AI enters an organisational system where adaptive capacity is uneven, existing fault lines tend to widen.

Bob withdrawing effort. A graduate fluent but untested. A confident report delivered without interrogation. Each appears small in isolation. Together they signal something more fundamental: how ready the culture is for the kinds of disruption AI introduces.

These patterns rarely sit in one function alone. They run through how organisations develop people, how leaders hold questions open, how learning functions evolve, and how capability is built across the whole system.

Where the adaptive work has not yet taken place, the gravitational pull toward what is fluent and fast can begin to outweigh what is tested and true.

How organisations respond to this shift will shape how human capacity develops, how culture adapts, and what becomes possible with AI.

Questions for Reflection



Three questions. Each one a degree harder than the last.

- 1.** What fault line is most visible in your organisation right now, and where is the human being carrying the cost? And which fault line are you least likely to have noticed in yourself?
- 2.** How are you, personally, implicated in these fault lines? Where do you defer, perform, optimise, or invert without quite naming it?
- 3.** As you reflect on this paper, where might these fault lines already be shaping decisions in your organisation, and what may be the unintended consequences?

Acknowledgments

We would like to acknowledge the following people for their valuable feedback in reviewing the paper. While the paper has been significantly improved through their collective wisdom and insights, all remaining errors and omissions are our sole responsibility.

Andrew Brown, Teresa Collis, Andrew Gerken, and Gareth Thomas.

We also acknowledge the role of generative AI systems — including *ChatGPT*, *Claude*, *Gemini* and *Perplexity* — in the development of this series. These systems were engaged as thinking partners to test ideas, surface patterns, challenge assumptions, and support the articulation of emerging insights. The quality of what emerged was shaped as much by the questions brought to these systems as by the systems themselves. All interpretation, judgement and final authorship remain our own.

A note about imagery:

The imagery in this series continues our long-standing use of nature to reflect the patterns and dynamics of living systems. In this instance, some images have been created or refined with the support of generative AI — a natural extension of the inquiry itself, as we explore what it means to co-evolve with these technologies.

Adaptive Cultures exists to enable cultural evolution for the good of people and planet. Working alongside WDHb, we partner with organisations to evolve culture, leadership and collective impact in ways that are grounded, practical and responsive to a rapidly changing world.

We work with leaders, teams and internal practitioners to understand how culture is really created and sustained: through patterns of thinking, relating and working that shape everyday decisions and outcomes, especially under conditions of uncertainty and change. We support intentional shifts that align purpose, strategy and systems with the culture required to thrive.

Our approach combines deep diagnostic insight with developmental practice, building the adaptive capacity needed to navigate complexity and create meaningful, lasting change.

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First edition June 2026.

