

Your PoC Worked. That's Not the Same as **Ready.**

Production AI means probabilistic agents inside deterministic systems. That's a different risk problem, and traditional IT governance doesn't cover it.

SWIPE →

Four Risk Pillars You Can't Ignore

01 Functional risk — when AI makes stuff up

02 Operational risk — can this run at scale?

03 Usability risk — the human factor

04 Cybersecurity — new attack vectors

60

RPN for a Hallucinating Advisory System

Severity 4 × Occurrence 3 × Detection 5. Critical priority, not because it happens often, but because you won't know until damage is done.

FMEA risk scoring, adapted for AI

3

RPN for a Full API Service Outage

Severity 3 × Occurrence 1 × Detection 1. Low priority, despite the service being down, because monitoring catches it and failover is automated.

FMEA risk scoring, adapted for AI

95%

When AI suggestions are right 95% of the time, operators stop thinking critically. That remaining 5% becomes catastrophic, because nobody's watching anymore.

Usability risk, production AI systems



A PoC proves capability. Production requires resilience.

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Traditional IT vs. AI Risk Governance

TRADITIONAL IT

Prevent crashes, secure perimeters

Deterministic bugs

Periodic monitoring

AI IN PRODUCTION

Manage probabilistic outputs

Silent failures

Continuous evaluation pipelines

AI Doesn't Fail Like Normal **Software**.

A crashed server is obvious. A hallucinating AI is silent, until someone gets hurt or sues. Standard risk matrices assume failures announce themselves. AI failures quietly corrupt a workflow until someone notices the damage, which is exactly why detectability has to be scored as its own dimension, not assumed.

You Can't Hope for Accuracy. Engineer It.

RAG grounding → deterministic guardrails → circuit breakers → red teaming → human-in-the-loop → continuous evaluation

Full framework, scoring model, and mitigation playbook:
terencekok.com/blog/beyond-pilot-risk-governance-framework-scalable-ai

The gap isn't technical. **It's governance.**

Bridge that gap, and you don't just deploy AI. You deploy AI that lasts.



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