

Technology & AI Risk Assessment

A fixed-fee, fixed-scope look at where your technology really stands

Who it is for: companies without a full-time CTO, or with one who needs an independent second view, that want to know where their systems, security and AI use stand before they spend more on them. You get a ranked list of gaps with cost and benefit attached, measured against your targets, and a plan you can act on with or without me.

Focused Assessment

2-3 weeks · fixed fee

One problem area you already know is hurting, for example:

- Backup, recovery and disaster readiness
- Cloud or hosting cost that keeps rising
- Security posture before a customer audit
- AI adoption: where it is safe, where it is risky

Full Assessment

4-5 weeks · fixed fee

The whole environment as one system:

- Infrastructure, architecture and hosting
- Backup, recovery and resilience
- Security controls and vendor exposure
- AI systems in use, and how they are governed

How it works

Week 1	Documents first: configurations, backup records, DR test results, contracts, security reports. I read before I interview.
Middle	Interviews with each team and key vendors, then failure scenarios walked through: site outage, ransomware, a bad backup found late, vendor outage, key-person loss.
Final week	Draft findings reviewed with you before the final report, so anything I got wrong is corrected, not published.

Every finding is labeled *verified* or *asserted*, *not verified*, and benchmarked against SOC 2, ISO 27001 or NIST CSF.

Assessment terms

- Fixed fee quoted after a free 30-minute scoping call
- Half at start, half on delivery of the final report
- I sign your NDA; findings and documents are yours
- No vendor commissions; any conflict disclosed

What you receive

- Prioritized gap list: fix now, this quarter, this year, or accept
- Cost to fix and cost of not fixing, for each gap
- Current and target architecture diagrams
- Single points of failure and what each one stops
- Recovery-time and data-loss exposure against your targets
- Security gaps with specific remediations
- A one-page executive summary

Focused Assessments deliver the items that apply to the chosen area.

Why me

25+ years in networks, distributed systems, security and infrastructure, including Senior Research Scientist at Alcatel-Lucent Corporate Research Labs and engineering work at Citi, Bank of America, Amazon Kuiper and Nokia. Ph.D. in Computer Engineering and an MBA in Technology Management; 10+ granted U.S. and European patents. Founder of ARIA, the Aggi Responsible Intelligence Assessor, a continuous AI compliance platform.

Ongoing: Fractional CTO on monthly retainer

After an assessment, or directly if you already know you need senior technical leadership.

Advisory CTO

A senior technical voice for founders and the board: strategy, build-vs-buy and vendor decisions, investor and due-diligence questions.

Operating CTO

I run your CTO office: roadmap, engineering team and contractors, hiring, vendors and cloud cost, security and compliance readiness.

Architect CTO

Technical leadership plus hands-on work: system architecture, prototypes, code reviews, and building critical components with your team.

Billed monthly in advance · 3-month minimum, then month to month with 30 days' notice · the first month includes a baseline review · a one-page report every month