SQ72

INTELLIGENT QUALITY

— SPECIALIST · VENDOR-NEUTRAL · OUTCOMES-DRIVEN

Engineering Intelligent Quality™ in the Age of AI.

In the age of AI, speed is no longer the advantage. **Foundation is.** The organisations pulling ahead build on systems that can actually sustain them.

FOCUS
Software Quality Engineering

OPERATING MODEL
Independent · Vendor-neutral

EXPERIENCE
8+ years · 20+ implementations

FOOTPRINT
Johannesburg · Cape Town · Durban

PRACTICES
10 specialist practices

CONTACT
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"In the age of AI, ungoverned agents are a liability. Governed agents are a competitive advantage — and quality is the discipline that tells them apart."

01 · ABOUT SQ72

The organisations winning with AI aren't the ones who moved fastest — they're the ones who asked the most important question first: are we actually ready?

SQ72 was established on the conviction that quality engineering, practised with rigour and independence, is among the most consequential investments a technology organisation can make. In an environment where AI is accelerating both the pace of delivery and the cost of poor foundations, that conviction has never been more relevant.

We are a specialist quality engineering practice with over eight years of deep expertise across the full software delivery lifecycle — from requirements and architecture through to production monitoring, AI-augmented testing, and domain-specific quality programmes.

Our clients understand that defects found in production cost far more than defects found in design — and that AI applied to a broken process simply produces broken results at speed.

OUR FOUNDING CONVICTION

"Successful AI adoption is not determined by the sophistication of the tools selected. It is determined by the maturity of the foundations on which those tools are deployed. Our work begins there — and that rigour is what separates AI that delivers measurable outcomes from AI that remains a proof of concept."

8+	10	3	100%
Years delivering intelligent quality	Specialist service practices	South African offices	Vendor-neutral, always

— FOUR TRUTHS WE TELL EVERY CLIENT — AND MOST VENDORS WON'T

01 AI amplifies what exists.

Weak foundations produce weak outcomes, faster. We assess your foundations before recommending a single tool — data quality, process maturity, team readiness and compliance decide whether an AI investment delivers return or stalls at proof-of-concept.

02 Independence is the foundation of credible advice.

SQ72 holds no platform partnership agreements and earns no tool referral fees. Every recommendation is based solely on the technical and operational requirements of your environment — a structural commitment, not a positioning statement.

03 Sustainable automation needs architecture and ownership.

Frameworks succeed when designed for long-term maintainability, built with clear ownership, and integrated into delivery from the outset. We design for sustainability — stable, scalable frameworks that return value over time.

04 Objective assessment precedes every recommendation.

We establish an evidence-based picture of where you actually stand — process maturity, data quality, toolchain integration, team capability. Where gaps would undermine an initiative, we identify them clearly and recommend the right sequencing.

02 · FLAGSHIP SOLUTION — GOVERNANCE · COMPLIANCE · SUSTAINABLE AI

Every AI agent you launch multiplies your risk. Strata governs them all.

AI doesn't govern itself — and it amplifies whatever it finds. Agentic AI is arriving department by department, each agent with its own rules, logs and blind spots. Governance gets rebuilt every time, audit trails fragment, and when the board or a regulator asks **"what did the AI do, and why?"** there is one answer per department instead of one answer. That is why so many initiatives stall — complexity without ownership, autonomy without regulation.

40%+

of agentic AI projects **cancelled by end-2027** — cost, unclear value, weak controls

Gartner, 2025

95%

of enterprise GenAI pilots deliver **no measurable return**

MIT NANDA, 2025

15%

of daily work decisions made **autonomously by AI by 2028**

Gartner, 2025

THE STRATA ANSWER

1

governed foundation — **ownership, control, compliance from day one**

The accountability is already yours. King IV places the governance of technology and information squarely with the board. POPIA carries administrative fines of up to R10 million — and the AI acting in your organisation's name is your responsibility, governed or not.

— THE PLATFORM · ONE FOUNDATION. EVERY AGENT. ANY MODEL.

Strata is the governance foundation your agentic AI runs on. It learns your business once — policies, regulations, territorial laws, culture, clients, products — and every agent you launch plugs into that same foundation, which enforces human decision gates, keeps the audit trail, and proves compliance.

YOUR AGENTS	Sales · HR · Finance · QA · Ops · + more — all pluggable
STRATA	**The governance foundation** — decision gates · audit trail · policy · identity · risk registry · security · kill switch
ANY MODEL	OpenAI · Anthropic · open-source · whatever's next — vendor-neutral

ADDRESSES

Designed out before they take root

- — Agent sprawl across departments
- — Governance reinvented per team
- — Vendor lock-in of controls
- — Compliance as an afterthought

MANAGES

Kept under live, enforced control

- — Human gates — no agent acts alone
- — Scoped, least-privilege identity
- — Risk-tiered model oversight
- — Kill switch · injection defence

REPORTS

Made visible, provable, auditable

- — Tamper-evident, hash-chained record
- — Evidence for POPIA + global frameworks
- — Every decision traceable to a signer
- — Versioned, auditable policy

— STRATA + IQ AGENT

The first governed agent you can plug in: testing.

SQ72's iQ Agent is our agentic AI solution for the software testing lifecycle — built on the iQ Framework and designed to run on Strata from day one.

The iQ Agent analyses requirements, generates and executes test scenarios, evaluates outcomes and escalates findings — while Strata enforces the decision gates, keeps the audit trail, and proves every step. **Agentic testing with governance built in, not bolted on.**

Test AI systems with an AI you can audit

Every finding traceable to evidence

Human sign-off where it matters

Releases, risk calls, escalations.

— WHERE TEAMS USE IT

- Testing applications at pace without sacrificing assurance
- Regression and exploratory coverage that runs continuously under governance
- Validating new applications where trust must be demonstrated, not assumed

Strata doesn't need the iQ Agent, and your agents don't need to be ours. Strata governs any agent you plug into it. The iQ Agent is simply the first one we built — for the discipline we know best.

— WHY IT SCALES — AI ADOPTION YOU CAN DEFEND, AND AFFORD

One investment, not one per agent

Governance scales with your policy, not your agent count — the cost curve that makes AI sustainable.

Audit-ready, always

Evidence produced by design, answered from a tamper-evident record — in minutes, not weeks.

Change policy once, everywhere

Rules live in Strata and are inherited by every agent — a regulation changes, every agent reflects it at once.

Negotiate vendors from strength

Swap or mix underlying models without rebuilding governance. Your controls outlive any vendor decision.

Accountability with a name on it

Every consequential decision carries a named human signature — cover that matters when it matters most.

Adopt AI faster, with confidence

New use cases plug into an approved foundation instead of waiting on a new compliance project.

Take the first governed step — 45 minutes, no obligation.

Book a Strata briefing and bring one AI use case — live or planned. You'll leave with a view of where its decision gates belong. Early-adopter places in 2026 are limited by design.

Book your Strata briefing →

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03 · OUR SERVICE LANDSCAPE

Ten practices. One mission: software that works the way it's supposed to.

Every service is anchored to a business outcome — from requirements through production, from resiliency to capability development, with AI applied where it earns its place. Governance runs across all of it through **Strata**.

FLAGSHIP

01 · AI Readiness Assessment

3–5 weeks. 8 lifecycle stages, 6 cross-cutting dimensions. The truth about your AI readiness — scored, evidenced, turned into a specific roadmap. No tool agenda.

Readiness scoring · AI roadmap · 14 domains

NEW

02 · AI Test Solutions

Five discrete AI capabilities applied across the test lifecycle — from requirements analysis to production monitoring. Each deployed on measurable impact, not trends.

AI generation · Self-healing · AIOps

03 · QA & Test Strategy

Most quality failures start with an absent strategy. We build risk-based strategies aligned to your delivery model and governance, then embed them as living documents.

Risk-based · QA governance · Maturity

04 · Test Automation

Frameworks designed for long-term stability, clear ownership and measurable return — architected for scalability and AI-readiness, with flake rates tracked and coverage mapped to risk.

Stable frameworks · AI-augmented · Team-owned

05 · DevSecOps Quality

Quality embedded continuously across your pipeline — shift-left testing, intelligent quality gates, DORA metric improvement, and the telemetry that makes AI in your pipeline viable.

Pipeline quality · Shift-left · DORA

06 · Domain Testing

Meaningful coverage in finance, payments, insurance, telecoms, HCM and enterprise platforms — from practitioners who understand how these businesses operate.

Finance & payments · Insurance · Telecoms · HCM

07 · Performance Testing

Performance validated before it matters most. Load, stress, endurance and spike scenarios validate behaviour under realistic conditions where remediation is most efficient.

Load & stress · Benchmarking · Pre-production

08 · Security Testing

Security integrated continuously — SAST, DAST, SCA and penetration testing woven into delivery, so vulnerabilities are caught where remediation cost is lowest.

SAST/DAST/SCA · Pen testing · Pipeline

GREMLIN PARTNER

09 · Resiliency Testing

Controlled chaos engineering on the Gremlin platform — identifying system weaknesses before they become production incidents, with fault injection and remediation roadmaps.

Chaos engineering · Fault injection · Gremlin

ISTQB & ISQI

10 · Certified Training Academy

Internationally accredited testing training delivered by active practitioners — ISTQB and iSQI certifications, SQ72 technical courses, and bespoke team upskilling.

ISTQB · iSQI · Upskilling

04 · FLAGSHIP SERVICE 01

AI Readiness Assessment for DevSecOps

A structured 3–5 week advisory engagement scoring readiness across 14 domains — then mapping the specific AI use cases you can deploy, in what order, with what prerequisites. No tool agenda. No preferred platform. Just the truth.

LENS A · 8 LIFECYCLE STAGES

Requirements · Architecture · Development · Security · Test Design · Test Execution · CI/CD · Monitoring

LENS B · 6 CROSS-CUTTING DIMENSIONS

Data · Toolchain · Process · People · Security & Compliance · Governance

1 · Ad hoc	2 · Defined	3 · Managed	4 · Optimised	5 · AI-native
AI not viable	Low-risk pilots	AI feasible	Strong ROI · scale	Expand & extend

— SERVICE 02 · AI TEST SOLUTIONS — FIVE CAPABILITIES

T1 · AI-Generated Test Cases & Requirements Analysis

NLP analysis of user stories to detect ambiguity, generate draft test cases, identify missing acceptance criteria and flag scope creep before a line of code is written.

T2 · Self-Healing & Autonomous Automation

AI locator healing repairs broken selectors automatically; autonomous test agents identify, generate, execute and escalate — unsupervised — where cadence demands it.

T3 · Intelligent Selection & Risk Prioritisation

ML models pick the highest-value test subset per build — typically cutting regression execution time 60–70% while maintaining or improving defect detection.

T4 · AI-Powered Failure Analysis

Automatic classification of failures by type, root cause and SDLC origin — replacing manual triage with actionable intelligence on what failed, why and where.

T5 · AIOps for Production Quality Intelligence

AI production monitoring detects anomalies before they become incidents, predicts failures from telemetry, and feeds quality signals back into the test lifecycle — closing the loop between what escapes and what gets tested next sprint.

— TARGET OUTCOMES WITHIN 12–24 MONTHS

↓ 40% Escaped defects	↑ 2× Release frequency	↓ 60% Security false positives
↑ 30% Developer productivity	↓ 50% Incident MTTR	↓ 35% Cost of quality

09 · Resiliency Testing

GREMLIN TECHNOLOGY PARTNER

Systems that fail gracefully — and recover faster.

Resiliency testing — chaos engineering — is the deliberate, controlled introduction of failure to find weaknesses before they become outages. For financial services, payments, telecoms and enterprise technology, unavailability is a regulatory, reputational and commercial risk event.

91%
experienced an unplanned outage in the past 12 months

73%
of critical outages start from cascading failures

60%
fewer critical incidents in mature programmes

2.3×
faster mean time to recovery

1 **Baseline & Discovery**
Map dependencies, identify critical paths, establish steady-state baselines.

2 **Hypothesis Design**
Define measurable failure hypotheses for components, networks and dependencies.

3 **Controlled Experiments**
Fault injection via Gremlin — CPU, latency, dependency and resource failures, reversibly.

4 **Remediation & Hardening**
Circuit breakers, retry logic and fallback patterns that make systems genuinely resilient.

10 · SQ72 Certified Training Academy

ISTQB & ISQI ACCREDITED

Internationally accredited software testing training — delivered by practitioners, not academics. ISTQB and iSQI certified programmes alongside SQ72's own technical courses in automation, performance, and AI-enabled testing.

ISTQB Certified
Foundation & Advanced — CTFL, Test Manager, Test Analyst, Technical Test Analyst.

iSQI Accredited
Certified Agile Tester (CAT), Automotive SPICE Assessor, specialised QA certifications.

SQ72 Technical Courses
Automation (Playwright, Cypress, Selenium), performance, AI-enabled and API testing.

Team Upskilling
Bespoke programmes around your stack and delivery model, with ongoing mentorship.

DELIVERY — CLASSROOM · ONLINE / VIRTUAL · BLENDED · ON-SITE CORPORATE

06 · WHY SQ72

What you gain — and how to reach us.

Deep quality engineering roots

8+ years building and governing quality programmes across enterprise, DevSecOps and domain environments.

Vendor-neutral by design

No platform referral arrangements. Recommendations driven only by client requirements and independent assessment.

AI advisory without the hype

Every AI recommendation grounded in technical feasibility, readiness and business applicability — not trend.

We build your capability

We work alongside your teams, transfer knowledge, and design frameworks with clear ownership that outlast us.

SA context, global standard

Grounded in POPIA, PCI-DSS and FSCA requirements, aligned to international quality engineering standards.

Advisory through to delivery

From assessment and gap remediation to AI tool deployment and optimisation — or a roadmap for client-led execution.

In the age of AI, ungoverned agents are a liability.
Governed agents are a competitive advantage.

STRATA IS THE FOUNDATION · THE AGENTS ARE WHAT YOU BUILD ON IT

— GET IN TOUCH

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