TestHub

CORPORATE PROFILE

QUALITY ENGINEERING

Assurance for modern technology.

API / INTEGRATIONS / APPLICATIONS / AI

TECHNOLOGY THAT EARNS TRUST

INDEPENDENT • EVIDENCE-LED • ENTERPRISE-READY

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About our company

A brief story about the company

We help organisations honour the Promises they make through Technology, with Independent Assurance and Evidence.

TestHub is a South African-based Quality Engineering and Technology Assurance company built on a clear conviction: **trust in technology must be earned through evidence, not assumed at release.**

As organisations modernise core platforms, connect critical systems and introduce AI into customer journeys, the stakes of every release grow. Technology is expected to do more than function in a controlled environment; it must support real people and real business operations.

Every application launched, every transaction processed and every AI agent placed in a customer's hands carries an unspoken promise: that it will perform as intended when it matters.

Our independent assurance spans enterprise applications, API and integration testing, intelligent test automation, performance engineering, artificial intelligence and Agentic AI. We bring specialist capability alongside existing delivery teams, exposing risks early and providing clear, objective testing evidence for informed release decisions.

We do not claim to remove every risk. **We help organisations understand what has been proven, what remains uncertain and what needs attention before technology reaches the customer.**

SECTORS WE CAN SERVE

Banking | Insurance | Asset management | Healthcare | Telecommunications | Retail | Public sector

REGISTERED NAME	REGISTRATION NUMBER	B-BBEE STATUS	ESTABLISHED
TestHub (Pty) Ltd	2023/282422/07	Level 1 contributor	2023

Partners and reach

Who we work alongside, and where

CONSULTING PARTNER

Salesforce

Registered Salesforce consulting partner providing independent assurance across the Salesforce and Agentforce ecosystem.

DELIVERY PARTNER

Cloud 23

Implementation partner with whom we co-deliver: they build, we validate, automate and evidence quality on the same programme.

DELIVERY PARTNER

All Things Genius (ATG)

Implementation partner with whom we co-deliver independent testing and automation under their delivery model and governance.

CLIENT ENGAGEMENT

Standard Bank CIB

Quality engineering for Corporate and Investment Banking, delivered through ATG.

Where we operate

Engagements delivered across South African financial services, with the capacity and partner network to serve clients in other markets.



Our services

Six assurance services across the technology estate.

From enterprise and cloud-based applications and integrations to AI agents, automation, performance and security, TestHub provides independent assurance and objective evidence to support confident technology release decisions.

01	**Salesforce, Cloud-Based and Custom Application Assurance**	User journeys, Salesforce Flows, SaaS and cloud-hosted applications, roles and permissions, cross-application processes and automated regression.	**Outcome:** Reliable customer experiences and business processes.
02	**API, Integration and Migration Assurance**	Contract-first API testing, integration automation, data mappings, ETL pipelines, error recovery and migration readiness across MuleSoft, Jitterbit and custom integrations.	**Outcome:** Trusted integrations and accurate data movement.
03	**AI Agent and Agentforce Assurance**	Agent behaviour and intent, grounding and hallucination risks, guardrails, agent actions and permissions, escalation, human hand-off, prompt and privacy risk.	**Outcome:** AI that acts accurately and within defined controls.
04	**RPA and Process Automation Testing**	Automation workflows, triggers, decision logic, exception handling, human-in-the-loop steps and data integrity.	**Outcome:** Dependable automation with reduced operational risk.
05	**Performance, Load and Resilience Engineering**	Load, stress and spike testing, throughput, latency, concurrency, scalability, resilience and recovery.	**Outcome:** Responsive, scalable and dependable technology.
06	**API Security Assurance**	OWASP API Top 10 coverage, authentication, authorisation, negative testing, token handling and rate-limit validation.	**Outcome:** Improved API security and reduced exposure to common vulnerabilities.

The problem

Why assurance has to change

Technology is moving faster than Assurance can keep up.

As releases accelerate and AI adoption grows, traditional testing cannot keep up with the pace of modern delivery, leaving organisations increasingly exposed to undetected risks.

Most companies cannot close this gap.

01 | AI AGENT PROJECTS STUCK IN PILOTS

Salesforce has highlighted a growing challenge in enterprise AI adoption, often described as "Pilot Purgatory", where organisations successfully demonstrate AI agents but **struggle to move them into production and realise measurable business value.**

One significant technical barrier is testing. Traditional testing approaches alone are insufficient to validate AI agents' non-deterministic behaviour, intent recognition, guardrails and decision-making across unpredictable customer interactions. The real challenge is not just building AI agents, but proving they are reliable, safe and ready for production when real customers depend on them.

02 | API MIGRATION

An API migration can meet every technical milestone while putting critical business operations at risk.

- **API contract issues caught late:** mismatches surface only after implementation, forcing costly rework.
- **Hidden behaviour changes:** API behaviour, data mappings and integrations go undetected until real transactions run.

What matters is proving that critical business processes keep working before, during and after migration.

03 | AUTOMATION FRAGMENTATION

Large enterprises rarely lack test automation. They have an automation fragmentation problem. Automation spans many tools, teams and testing domains, but the results stay disconnected, so there is no single trusted view of quality, risk and release readiness. As a result, release decisions rely on incomplete results manually combined from different teams and tools.

04 | EVIDENCE AT THE SPEED OF DELIVERY

Modern software delivery moves faster than traditional evidence management processes. While testing generates valuable evidence, organisations often **struggle to consolidate and trace it when compliance and audit teams request it.** The challenge is ensuring that release evidence is continuously available, traceable and audit-ready at the same pace as technology delivery.

The solution

How TestHub closes the gap

Assurance that moves at the speed of delivery. Evidence you can stand behind.

TestHub combines independent quality engineering, intelligent automation and continuous evidence, working alongside your existing delivery teams and tools.

01 | PRODUCTION-READY AI AGENTS

ANSWERS: AI AGENT PROJECTS STUCK IN PILOTS

We test AI agents for how they behave, not just whether they run. Intent recognition evaluation, grounding, guardrails, actions and human hand-off are covered through scenario-based testing designed for non-deterministic responses.

Outcome: AI agents released with evidence that they behave safely and as intended.

02 | CONTRACT-FIRST API ASSURANCE

ANSWERS: API MIGRATION

We validate API contracts before build, then prove the business journey end to end. Contract tests, journey-driven integration testing, and data-mapping and cutover checks across MuleSoft, Jitterbit and custom integrations.

Outcome: Defects caught before implementation, less rework, and processes proven before, during and after migration.

03 | ONE VIEW OF QUALITY

ANSWERS: AUTOMATION FRAGMENTATION

We bring existing automation results together instead of adding another tool. Results from open engines such as Playwright, k6 and OWASP ZAP are consolidated into a single release view. TestHub Automation Studio (TAS) brings them together in one release scorecard.

Outcome: Release decisions based on complete, joined-up results.

04 | CONTINUOUS RELEASE EVIDENCE

ANSWERS: EVIDENCE AT THE SPEED OF DELIVERY

Every check we run produces traceable evidence. Test assets and results are committed to your own source control and packaged for risk, audit and compliance as delivery happens, not after it.

Outcome: Audit-ready evidence on demand, at the pace of delivery.

How we work

Five principles, one connected quality lifecycle

01 DESIGN FIRST

Requirements, designs and workflows are validated before code is written, when gaps are cheapest to fix.

02 PREVENTION FIRST

Risks, rules, edge cases and defects are addressed early, before they reach production.

03 AUTOMATION FIRST

Verification runs continuously, at the pace of delivery, through maintainable automation in the client's own pipelines.

04 EVIDENCE LED

Every check produces clear, traceable evidence, so release decisions rest on facts rather than assumptions.

05 TRUST MEASURED

Confidence is measured across APIs, user interfaces, AI behaviour, integrations, security and performance, not only passed tests.

Why trust our company

Specialist expertise. Delivery accountability. Evidence you can trust.

01

EMERGING AND MODERN TECHNOLOGY SPECIALISTS

We specialise in Quality Engineering for modern and complex technologies, including **AI, Agentic AI, LLMs, Salesforce and Agentforce, MuleSoft** and **API-led architectures**. We develop practical testing approaches where traditional methods and standard frameworks are not enough.

02

SPECIALIST EXPERTISE WITH DELIVERY OWNERSHIP

We go beyond resource placement. Our specialists are supported by **technical leadership, quality oversight** and **delivery accountability**, ensuring the right skills, guidance and outcomes for your business.

03

INDEPENDENT AND COMPLEMENTARY ASSURANCE

We work alongside your existing technology and QA teams, providing an **independent perspective** on quality and risk. We **strengthen your delivery capabilities** and help you make **objective, evidence-based decisions** without replacing your teams.

04

PRODUCT-LED AND UNIFIED QUALITY ENGINEERING

TestHub's in-house **TestHub Automation Studio (TAS)** brings functional, API, integration, AI agent, performance and security testing together in one unified platform.

TAS provides **centralised governance, automation, execution and reporting**, helping organisations reduce manual effort, improve testing efficiency and gain a single view of quality, risk and release readiness.

Built for **zero vendor lock-in**, clients retain full ownership and control of their test assets and automation scripts, without being tied to proprietary tools or licences.

05

EVIDENCE-LED RELEASE DECISIONS

We turn testing results into **clear, traceable evidence**, giving technology leaders visibility of what has been tested, what risks remain and whether the available evidence supports **production readiness**. **Release decisions are made by evidence, not opinion or gut feel**, reducing risk and accelerating confident go-live decisions.

Meet our team

The people accountable for our work



LUSANDA MADINDA

FOUNDER AND CHIEF EXECUTIVE OFFICER



VIJAY DHANAPAL

HEAD OF QUALITY ENGINEERING AND INNOVATION



PALESA MOSESI

STRATEGIC PARTNERSHIPS MANAGER



GONTSE MMINELE

FINANCE AND HR PARTNER

Provided through Tlotlomadi Accounting Firm

TestHub

QUALITY ENGINEERING AND TECHNOLOGY ASSURANCE

Every release is a promise.
Let's put the evidence behind yours.

Partner with TestHub for **independent quality engineering and technology assurance** that strengthens delivery, reduces risk and gives you the **evidence to make confident, informed release decisions.**

- Assure Quality
- Accelerate Delivery
- Reduce Risk
- Turn Innovation into Business Value

Let's discuss your next project →

Get in touch

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*Technology that earns **trust.***

TestHub (Pty) Ltd · Registration 2023/282422/07 · B-BBEE Level 1

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