



Intelligent Automated Software Quality Assurance for PaaS Environments

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1. Insight

Insight leads the delivery of transformative solutions, supported by a powerful ecosystem of over 6,000 global partners including Microsoft, AWS, and Cisco.

As a Fortune 500 company with a long-standing history of delivering trusted services to the UK Public Sector, we combine our own deep expertise in consulting, advisory, and transformation with partner innovation to create holistic solutions across cloud, data, modern workplace, cybersecurity, and application services.

Guided by proven methodologies and ESG principles, we work collaboratively to design and implement tailored strategies that drive measurable business impact while promoting sustainability and governance excellence.

2. Insight for the Public Sector

Your End-to-End Digital Transformation Partner

As a leading Solutions Integrator, Insight combines deep technical expertise with a vast partner ecosystem to help UK government organisations modernise, innovate, and deliver citizen-centric services. We hold places on over 85 public sector frameworks, offering a compliant, efficient route to digital transformation.

We don't just supply IT; we design, deploy, and manage the solutions that secure your data and unlock value.

Core Areas of Expertise

- **Innovation, Data & AI:** we deliver end-to-end data science and custom AI solutions. From modernising data platforms to deploying bespoke machine learning and spatial computing, we help you unlock the value of your data to drive operational efficiency.
- **Modern Infrastructure & Cloud:** Building scalable, hybrid foundations that reduce technical debt and support multi-cloud strategies.
- **Modern Workplace:** Empowering the public sector with secure, flexible tools to work from anywhere, attracting talent and improving productivity.
- **Cybersecurity:** Comprehensive managed security services, threat detection, identity protection, and compliance management to ensure your data remains sovereign and secure.
- **Modern Apps:** Agile application development creating meaningful and impactful tools that link to tangible benefits, improvements and cost savings.

Our Approach: Consulting, Lifecycle, & Managed Services

We deliver value at every stage of your technology journey, ensuring accountability from strategy to support:

- **Consulting (Architecting the Future):** We bridge internal skills gaps with data-driven strategy. From "Discover & Design" to full-scale migration planning, we ensure your investments solve real public sector challenges.
- **Lifecycle (Seamless Execution):** We take the risk out of procurement and deployment. Leveraging global buying power, we handle everything from supply chain management and imaging and implementation to sustainable asset disposal (ITAD).
- **Managed Services (Always-On Support):** Shift from "keeping the lights on" to innovation. We provide 24/7 infrastructure monitoring, cloud cost optimisation (FinOps), and security operations to ensure resilience.

3. Services

Service Name

Intelligent Automated Software Quality Assurance for PaaS Environments

Service Description

A premium consulting service delivering end-to-end automated software quality management for enterprises leveraging Platform-as-a-Service (PaaS) solutions.

Features

- Automated code analysis for rapid defect detection and remediation
- Continuous integration and continuous deployment (CI/CD) quality pipelines
- Test case generation and execution tailored to PaaS applications
- Integrated performance and load testing with real-time monitoring
- Automated security and compliance testing at every deployment stage
- Quality dashboards for actionable, real-time insights and reporting
- Seamless integration with leading PaaS development toolchains
- Customizable automation frameworks to support unique client needs
- Risk-based prioritization of testing and remediation tasks
- Expert oversight and governance of end-to-end testing lifecycle

Benefits

- Accelerates time-to-market with automated quality throughout development
- Reduces manual errors, ensuring higher software reliability on PaaS
- Enables rapid feedback loops to development teams for faster improvements
- Increases test coverage and confidence in business-critical releases
- Strengthens security posture via integrated vulnerability assessments
- Reduces total cost of ownership by optimizing quality-related resources
- Improves compliance through audit-ready quality records and reports
- Supports scalability for concurrent development and test efforts
- Enables proactive risk management and prioritization
- Enhances stakeholder trust with visible, measurable software quality

Constraints

Requires access to PaaS environments and integration points. Limited by PaaS provider APIs and tooling support.

CONTACT US

For more information, please contact your Insight Account Manager.

Tel: 0344 846 3333

Email: pstenderteam@insight.com

Website: <https://uk.insight.com>

