



ITNextGen Limited
Digital Technology Specialists

G-Cloud 15 Service Definition Document

Automated Testing Services

ITNextGen Limited

E: publicsector@itnextgen.co.uk | M: 07545809681 | W: www.itnextgen.co.uk



Service Overview

ITNextGen's Automated Testing Services provide test automation specialists who design and implement comprehensive automated testing frameworks for public sector applications. We deliver unit, integration, end-to-end, and regression test suites that improve software quality, reduce manual testing effort, and enable continuous delivery with confidence.

Service Description

Our consultants establish test automation strategies, select appropriate frameworks (Selenium, Cypress, Playwright, JUnit, Pytest), and build maintainable test suites integrated into CI/CD pipelines. We implement behaviour-driven development, test data management, and reporting dashboards. All testing follows GDS service manual guidance and government quality assurance standards.

Service Benefits

- Improved software quality through comprehensive automated test coverage
- Faster release cycles with continuous automated testing in pipelines
- Reduced manual testing effort freeing resources for exploratory testing
- Early defect detection preventing issues reaching production environments
- Better regression testing ensuring changes don't break existing functionality
- Enhanced test reliability with consistent, repeatable automated execution
- Lower cost of quality through prevention rather than detection

Service Features

- UK-based test automation engineers with public sector experience
- Multi-framework expertise including Selenium, Cypress, Playwright, and Appium
- Unit testing implementation using JUnit, NUnit, Pytest frameworks
- API testing using Postman, REST Assured, and SoapUI
- Performance testing with JMeter, Gatling, and LoadRunner tools
- Behaviour-driven development using Cucumber, SpecFlow, and Behave
- SC/DV eligible consultants for sensitive government testing requirements

Service Scope

The service supports test strategy development, framework selection, test automation implementation, CI/CD integration, test data management, and team training. We specialise in functional testing, API testing, UI testing, performance testing, security testing, and accessibility testing. Consultants work with existing QA teams to establish automation best practices.

Deliverables

Typical deliverables include test automation strategies, automated test suites, framework configurations, CI/CD pipeline integration, test data generation scripts, reporting dashboards, performance test scenarios, accessibility test results, defect reports, test documentation, and training materials. All testing follows government accessibility and quality standards.



ITNextGen Limited

Digital Technology Specialists

Onboarding and Offboarding

At service initiation, ITNextGen agrees scope, roles, SFIA levels, delivery approach, and reporting cadence with the buyer. Consultants are onboarded in line with buyer security and access processes. On completion, structured handover and knowledge transfer are provided, and access to buyer systems is removed in accordance with agreed offboarding procedures.

Security and Compliance

The service operates in alignment with ISO/IEC 27001 information security principles and UK government cloud security guidance. Consultants follow role-based access controls, least-privilege principles, secure change management, and incident reporting processes. Where required, consultants may be SC/DV eligible and comply with buyer-specific security requirements.

Service Constraints

Delivery is UK-based and remote-first; on-site engagement is available by agreement. Buyer access to relevant systems, environments, and data is required. Use of specific tools or platforms may require buyer-provided licences. Performance depends on timely buyer feedback, approvals, and access to subject matter experts.

Exit Management

At the end of the engagement, ITNextGen provides agreed deliverables, documentation, and knowledge transfer. All access to buyer systems is removed in line with buyer offboarding policies and contractual requirements.