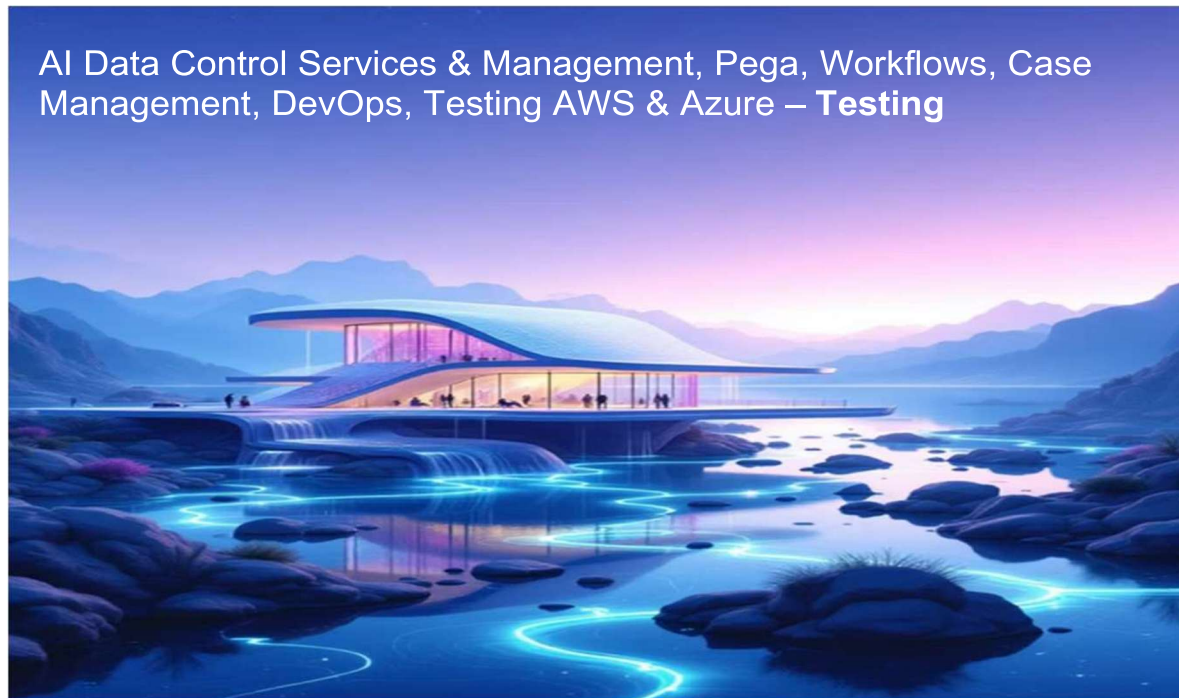


AI Data Control Services & Management, Pega, Workflows, Case Management, DevOps, Testing AWS & Azure
– Testing



G-Cloud 15 Service Definition Document Dec 2025

Rplus Analytics Overview

Rplus Analytics Solutions Limited is a specialist data and analytics consultancy providing cloud-first data architecture, engineering, analytics, governance, and data science services. This includes robust AI and machine learning capabilities to drive predictive insights and automation. Our expertise spans the full spectrum of modern data platform technologies, enabling organizations to transform their data infrastructure and unlock strategic insights.

We support public and private sector organizations to design, build, migrate, and operate secure, scalable, and cost-effective data platforms. Our approach combines deep technical expertise with a thorough understanding of regulatory compliance, security frameworks, and operational excellence requirements.

With proven experience across AWS, Microsoft Azure, and Google Cloud Platform (GCP), Rplus Analytics delivers tailored solutions that align technology investments with business objectives. Our team of certified professionals brings industry-leading practices to every engagement, ensuring platforms are robust, performant, and future-ready.



Cloud-First Architecture

Multi-cloud expertise across AWS, Azure, and GCP



Data Governance

Comprehensive compliance and security frameworks



Advanced Analytics

Data science and business intelligence solutions



AI Expertise

Machine learning and artificial intelligence implementation

Service Overview

The AI Data Control Services & Management, Pega, Workflows, Case Management, DevOps, Testing AWS & Azure – Testing as a Service provides comprehensive quality assurance services across all phases of software delivery lifecycles including Waterfall, Agile, and Hybrid methodologies. Rplus Analytics delivers a complete range of testing services to support the deployment of cloud solutions and enterprise platforms. Our comprehensive testing approach includes:

- **Test Management:** End-to-end test planning, coordination, and execution management across all platforms
- **Functional and Non-Functional Testing:** Comprehensive validation of system functionality and performance characteristics
- **Defect Management Process:** Structured defect identification, logging, tracking, and resolution workflows
- **Test Process Improvements:** Continuous optimization of testing methodologies and efficiency
- **Test Artefacts Review:** Quality assurance of test documentation, cases, and data
- **Test Automation:** Building robust automated test suites using open source and commercial tools
- **Testing Consultancy:** Expert guidance on testing strategies, tools, and best practices
- **AI/ML Testing:** Specialized testing for AI data control platforms, model validation, and data quality testing
- **Pega Testing:** Comprehensive testing for Pega workflows, case management, and BPM applications
- **DevOps Testing:** Integration testing within CI/CD pipelines and continuous testing practices
- **Cloud Testing:** Testing across AWS and Azure environments including infrastructure and application testing

Our testing service involves reviewing client requirements, extracting key requirements based on Risk-Based Testing (RBT), identifying timescales, creating test strategies, and producing test artefacts including schedules, test cases, and test data. Tests are executed, defects are logged and retested, and comprehensive test reports are produced. Based on requirements, we execute various types of testing including System, Regression, Integration, Data Migration, Interfaces, Devices, Role-Based Access, User Acceptance, Performance, and Load.

Requirements Review & Strategy

Reviewing requirements, RBT analysis, and test strategy development

Test Planning & Artefacts

Creating test schedules, test cases, test data, and documentation

Implementation & Integration

Executing tests, logging defects, and retesting fixes

Ongoing Security Management

Producing test reports and optimizing test processes

Platform Technologies & Services

AI Data Control & Management

Comprehensive support for AI/ML platforms, data governance frameworks, and data control services. Monitoring AI model performance, data quality, and governance compliance across cloud environments.

Workflows & Case Management

Support for workflow automation, case management systems, and business process platforms. Monitoring process execution, troubleshooting issues, and optimizing workflow performance.

Pega Platform

Expert support for Pega workflows, case management, BPM applications, and decisioning platforms. Ensuring Pega environments maintain high availability and optimal performance.

DevOps & CI/CD

Comprehensive DevOps support including CI/CD pipeline monitoring, automation frameworks, infrastructure as code, and deployment processes across AWS and Azure.



Testing Infrastructure

Support for testing environments, test automation frameworks, performance testing platforms, and quality assurance infrastructure ensuring reliable test execution.

AWS & Azure Cloud

Expert cloud infrastructure support across AWS and Azure services including compute, storage, networking, databases, and managed services with 24/7 monitoring and optimization.



Detailed Service Description

Test Management & Execution Services

Rplus Analytics delivers comprehensive test management services covering all phases of software delivery lifecycles. Our structured approach ensures thorough validation of cloud solutions, enterprise platforms, and applications with reduced risk and accelerated deployment times.

- Test management across Waterfall, Agile, and Hybrid methodologies
- Requirements review and Risk-Based Testing (RBT) analysis
- Test strategy development and timescale identification
- Test artefacts creation including schedules, test cases, and test data
- Test execution, defect logging, and comprehensive test reporting

Testing Types & Automation

Our testing services cover functional and non-functional testing requirements using trending tools and frameworks. We build robust automated test suites using both open source and commercial tools to improve efficiency and coverage across all platforms.

- System Testing, Regression Testing, and Integration Testing
- Data Migration Testing and Interfaces Testing
- Devices Testing and Role-Based Access Testing
- User Acceptance Testing (UAT), Performance Testing, and Load Testing
- Test automation using open source and commercial tools
- Test Management Tools: JIRA, Bugzilla, Zephyr, QC, and ALM

Service Capabilities

Architecture & Engineering

Design and implementation of secure, scalable cloud and hybrid data platforms optimized for performance and cost-effectiveness. Multi-cloud expertise ensuring vendor neutrality and strategic flexibility.

Data Integration & Migration

Seamless data integration, transformation, and migration services supporting complex enterprise data landscapes. ETL/ELT pipeline development and optimization using modern cloud-native tools.

Governance & Security

Comprehensive data governance frameworks including cataloging, lineage, quality management, and compliance. Integration with existing security and governance infrastructure.

Platform Optimization

Continuous performance tuning, capacity planning, and cost optimization. Regular health checks and recommendations to maximize platform ROI and operational efficiency.

Operational Support

SLA-backed operational support with clearly defined response times. Proactive monitoring, incident management, and problem resolution ensuring platform availability and reliability.

Training & Knowledge Transfer

Comprehensive training programs and documentation enabling internal teams to effectively manage and operate data platforms. Tailored enablement sessions for technical and business users.

Testing Methodology & Flexibility

Rplus Analytics provides quality assurance services across all software delivery lifecycles including Waterfall, Agile, and Hybrid methodologies. Our customizable QA processes adapt to client requirements, reducing risk of new software implementations while accelerating deployment times and reducing overall costs.

Functional Testing

Comprehensive functional validation including System Testing, Integration Testing, Interfaces Testing, Devices Testing, and User Acceptance Testing. Ensuring all functional requirements are met with thorough test coverage across AI, Pega, and cloud platforms.

Non-Functional Testing

Performance Testing, Load Testing, and other non-functional validation ensuring platforms meet performance, scalability, and reliability requirements. Identifying capacity constraints and optimization opportunities across AWS and Azure environments.

Test Automation & Tools

Building robust automated test suites using open source and commercial tools. Test Management Tools including JIRA, Bugzilla, Zephyr, QC, and ALM. Automation frameworks improving efficiency and test coverage for continuous testing.

Our testing service involves a structured approach: reviewing client requirements, extracting key requirements based on Risk-Based Testing (RBT), identifying timescales, creating comprehensive test strategies, and producing test artefacts including schedules, test cases, and test data. Tests are executed systematically, defects are logged and tracked through resolution, retesting validates fixes, and comprehensive test reports document results.

All our QA processes are customizable as per client requirements. We execute various testing types based on project needs including System Testing, Regression Testing, Integration Testing, Data Migration Testing, Interfaces Testing, Devices Testing, Role-Based Access Testing, User Acceptance Testing, Performance Testing, and Load Testing. Our approach reduces risk, accelerates deployment times, reduces overall costs, and improves the product experience across AI data control, Pega workflows, case management, DevOps pipelines, and AWS/Azure cloud platforms.

Service Value Proposition

1

Platform Availability

Support for mission-critical data platforms

2

Implementations

Proven track record across sectors

3

Cloud Platforms

Multi-cloud expertise and certification

Why Choose Rplus Analytics

Organizations choose Rplus Analytics for our deep technical expertise, proven delivery methodologies, and commitment to client success. Our specialists bring certified skills across all major cloud platforms and data technologies, combined with practical experience delivering complex enterprise projects.

- Technical Excellence: Certified professionals with deep platform expertise and architectural knowledge
- Proven Delivery: Structured methodologies ensuring projects are delivered on time and within budget
- Client Focus: Tailored solutions aligned with specific business objectives and constraints
- Continuous Innovation: Staying current with latest platform capabilities and industry best practices
- Risk Management: Comprehensive testing, validation, and quality assurance throughout delivery

Contact Details

Supplier

Rplus Analytics Solutions Limited

Specialist data and analytics consultancy delivering cloud-first solutions for enterprise and public sector organizations.

Primary Contact

Lavanya KV

Email: partners@rplusanalytics.com

Telephone: 07504 605955

Support Hours

Monday to Friday

9:00 AM to 5:00 PM (UK time)

Extended support hours available for mission-critical services under SLA agreements.

Get Started

Ready to ensure quality and reduce risk in your platform deployments? Rplus Analytics delivers comprehensive Testing as a Service covering test management, functional and non-functional testing, automation, and consultancy for AI data control, Pega, workflows, case management, DevOps, and AWS/Azure environments.



Initial Consultation

Discuss your testing requirements and quality objectives



Requirements Review & Strategy

Review requirements, perform RBT analysis, and develop test strategy



Test Planning & Preparation

Create test artefacts including schedules, test cases, and test data



Test Execution & Reporting

Execute tests, manage defects, and produce comprehensive test reports

Whether you need comprehensive test management, functional and non-functional testing, test automation, or testing consultancy for AI platforms, Pega workflows, case management systems, DevOps pipelines, or AWS/Azure cloud environments, our team brings the expertise and proven methodologies needed to ensure successful deployments. Contact us today to discuss how Rplus Analytics can deliver Testing as a Service with customizable QA processes that reduce risk and accelerate delivery.



G-Cloud 15 Framework: This service is available through the UK Government's G-Cloud 15 framework, enabling streamlined procurement for public sector organizations. Our service definition meets all framework requirements and supports compliant, efficient procurement processes.