optimation

Improving Software quality while reducing, waste, cost and risk.

Typically, testing sucks up anything between 20 to 40% of the total cost of delivering an IT project. Optimation handle software test outsourcing so effort will be focused where it will deliver the best value.

SERVICE SUMMARY

Optimation's Testing practice is led by a hands-on team of senior professionals. We understand how to plan and execute effective testing strategies and programmes to reduce waste in testing while producing high quality deliverables that are directly linked to business outcomes.

We work alongside you to:

- Identify quick win opportunities for immediately reducing waste, costs and risk

- Create a strategy for making on-going improvements to software quality that will deliver sustainable business value

- Futureproof your investments in test tools by understanding what your future business direction and architectural direction is, and translating that into a set of requirements and an approach to provide appropriate testing infrastructure

- Provide testing for your projects / programmes of work, ensuring that an appropriate test approach is applied for each project, and that governance is in place to provide clear information about the system being tested so that appropriate go / no go decisions can be made by the business

- Create reusable test assets that your team are able to reuse if required

- Provide test management or test analyst services to supplement your capability, or work with you in partnership to manage end-to-end testing processes and delivery

Real world results

Housing New Zealand

For over four years, Optimation has provided a fully managed testing service for Housing New Zealand Corporation. This engagement has grown from initial consultancy through the stabilisation of Housing's transformed core systems into the on-going development and support of their central suite of applications. The testing solutions cover several large ERP packages and address new functionality, customisation and acceptance of standard vendor patches and upgrades. Our test team delivers a flexible service that allows rapid response to business needs and changing priorities. We deliver this through varied and scalable test approaches, and with a clear understanding of the customer's quality and risk factors to ensure our solutions are both correctly sized and continually improving.

Vodafone

In its 16 year partnership with Vodafone, Optimation has helped to successfully develop and deliver over 3000 programmes of work. This track record earned Optimation full accountability for the end-to end management of all IT-related testing.

Critical to the relationship and service is the commitment to grow our team's skills to best match the customer's environment and to ensure know-how is built and maintained to ensure service continuity.

Managed Testing Services

- Defining and implementing the test engagement model, Roles and Responsibilities, SLAs and governance models
- Test scoping and estimating
- Test planning and scheduling
- Test management
- Test Analysis
- Test quality and coverage reporting
- Risk and Issue management
- Defect management
- Test environment management
- Test tool selection and management

Testing Services

- Test Management
- System Testing
- System Integration
- Managing/supporting UAT
- Non-functional
- Automated testing
- Testing for bespoke applications
- Testing of products
- Mobile testing
- Business information testing
- Substantial experience across Government, Finance, Utilities, and Transport domains

Consulting

- Enterprise Testing Framework Development
- Practice capability health checks
- Capability uplift roadmap
- Test Tool selection
- Career framework development and responsibility definitions
- Environment management strategy and environment management
- Data management strategy and data management services
- Test tool assessment and recommendations
- Support for business case development (ROI)

HOW WE DELIVER

At the core of our approach to testing is our scalable, ISTQB-aligned Optimation Test Framework. The Optimation Test Framework is guided by industry best practices such as TMMi and ISTQB, but the real value we bring is our pragmatic and flexible approach. We won't push you into a one-size-fits-all model. Instead, we apply design-led thinking to understand your organisational risk profile, align your IT initiatives with your business outcomes, and then determine what this means for getting your testing priorities and strategy right.

A design-led approach means we identify critical information and requirements at the start of the lifecycle, rather than discovering them when it is too late, too costly, or too risky

to make changes. Design-led testing also ensures you know exactly what and how you need to test based on the outcomes you require, avoiding both under-testing and over-testing or unnecessary testing.

Key features of The Optimation Test Framework include:

Services
- Consulting
- Testing as a Service
- Managed Test Services
- Managed Resource Services
- Outsourced Test Services
- Automation
- Digital
- ERP

Governance
- Gating process for entry and exit criteria
- Reporting and risk mitigation
- Risk based test approach

Methodologies
- Agile
- Iterative
- Waterfall

Types
- Functional
- Regression
- User acceptance
- Operational Readiness Testing
- Interface, web services
- Data verification and migration
- Performance, stress, and load
- Mobile

Phases
- System
- System Integration
- Regression
- Performance
- Acceptance

Tools
- We can work with all major test management and defect management tools

Scalable
- Can be adapted for small, medium, and large projects
- Suitable for highly complex and integrated testing programmes
- Enterprise test capability

Artefacts
- Enterprise Test Strategy
- Enterprise Test Assessment
- Test Strategy
- Test Plan
- Test Estimation
- Test Scenarios/ Conditions
- Test Scripts
- Test Completion Reports

Want to learn more?