



Testing Consultancy Services

WHY TESTING IS IMPORTANT

Testing provides significant benefits to an organisation by reducing risk. Structured testing can, if applied effectively, cut costs both directly (e.g. defect prevention, early defect detection, reduced post-release support) and indirectly (e.g. increased speed to market, enhanced/protected reputation in the market place).

OUR APPROACH

"Software testing is an essential practice in the software development lifecycle but is easily misunderstood." – Butler Group

Applying testing in an appropriate manner is key. Whilst it should always be structured, it is important to find the level of formality, coverage and control that is relevant to the risk, situation, project, product, business or industry. Test planning and/or execution will result in varying levels of impact and involvement for both IT and the business. Our flexible approach will result in a synthesis of existing methods and industry best practice, ensuring that our assessments are beneficial to small and medium sized businesses as well as large corporate enterprises.

BENEFITS

Our Consultants will work with you to understand the strengths and weaknesses of your current approach. We will use our wide testing knowledge and experience to guide you in targeted improvements.

The scope of the improvements can range from the appropriate use of test tools to a certification level assessment of your complete testing process. We can also help guide you in establishing and optimising your test team.

Test Maturity Model and TMM are the service marks of Illinois Institute of Technology.
TPI is a registered trademark of Sogeti Nederland B.V., The Netherlands.

We offer Consultancy Services in a wide range of areas including:

Test Process Improvement

We provide both TMMSM and TPI[®] based assessments. These can be provided at the following levels:

- Health Check: A focussed inspection of a single project or process to gauge progress towards the achievement of a maturity level.
- Baseline: A detailed assessment of your testing processes generating a report which assesses the level of maturity being achieved, identifies areas requiring attention and defines improvement actions.
- Benchmark (TMM only): A full and rigorous, ISO/IEC 15504 compliant, assessment aimed at assessing and certifying your test processes to a specific TMM level of maturity.





Test Strategy Assessment & Development

In the ever more complex world of IT development, a clear, pragmatic and effective test strategy is critical.

We consult with business and IT management to ensure that the organisation's priorities, plans and objectives are understood and to establish the framework for a workshop-based approach. The workshops involve the key stakeholders and capture current processes, participants and practices, identifying opportunities and possibilities for improvement.

We collate the results of the workshops and recommend a strategic approach to testing, with associated governance, which reflects the business's needs and capabilities. This will result in increased quality and productivity, enhancing Testing's contribution to the entire development lifecycle. We will identify both short and long-term goals, designed to maintain commitment and maximise benefit.

Spring Consultants can then work with you to design and implement the selected strategy (at corporate, programme or project level).

Test Strategy Audits

To be applied consistently, a formal and structured approach to testing requires appropriate governance. Spring's Test Strategy Audit provides an independent assessment of adherence to the company's test strategy and identifies where corrective actions are required. We also raise observations where there is scope for improvement (including simplification) of the strategy.

Test Planning & Management Review

Whilst it is important to plan testing, effective management of the plan, through monitoring and control, is equally as important. Working closely with your Test Management team, we review and assess your test management practices, including relationship management, resource management, communication management, prioritisation and decision making processes against industry best practice.

Automated Testing

The automation of testing is becoming ever more important as the complexity of systems increases. Manual testing alone is no longer capable of handling the intricacy and volume of testing required to adequately manage the risk associated with many systems.

Whilst test tools should, over time, reduce the costs associated with testing, the selection of the right tool can be fraught with difficulties and, having selected the tools, it is important that they are implemented in the right manner to achieve maximum benefit.

Spring can work with you to develop and apply selection criteria that ensure you select those tools that address your needs. Our Consultants work with your test teams to implement and configure the tools and provide on the job training and guidance in their use.

Contact Details

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