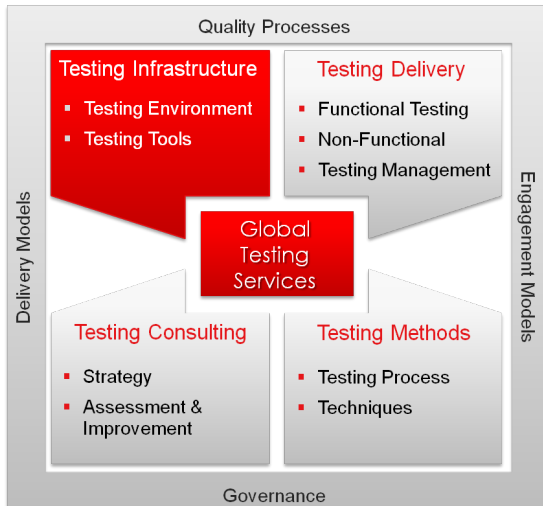


## Testing Infrastructure



### Summary:

- Cost savings through proven processes, practical tools solutions and innovative test consultancy
- Implement and manage robust, flexible, trusted and reusable test environments including effective use of the right tools
- Provide appropriate and pragmatic solutions to technology and management challenges around infrastructure use
- Full range of test environment services covering all aspects of process, design, hosting, support and tools
- Use of appropriate tools to improve the efficiency of testing and reduce costs

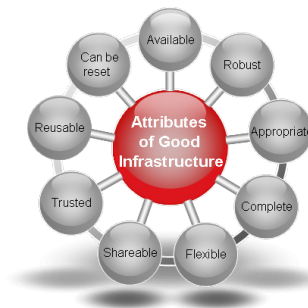
**Our catalogue of Testing Infrastructure services enhances your testing capability by providing you with solid foundations that can be confidently built upon. This will help your test processes and teams to achieve more for less. For highly specialised testing areas we can also provide specialist testing knowledge and tools.**

Ask anyone in testing if they have had problems with test environments and tools and you will get an almost universal and emphatic “yes”. Failure to invest in building, maintaining and where necessary renewing the right infrastructure, means no matter how good your test process or tools are - you will not get the most out of either!

Much time is lost by projects trying to piece together an environment that works for both development and testing. Projects suffer from not having the right assets available at the right time, lack of stability due to poor change and configuration management processes and inefficient test data strategies.

This de-motivates teams, reducing confidence and throughput, lengthening delivery times and increasing the budget while reducing scope.

A good infrastructure is not achieved by accident and is dependent upon these core attributes:



### 1. Test Environments:

We have the skills and experience across a wide range of technologies that can help you establish, improve or extend your testing infrastructure, whether that be through physical hosting, virtualisation or cloud solution. The services we can provide are structured under the key areas shown below.

Leveraging both our testing expertise and architectural know-how our experts will ensure your environments and data processes are optimised, scalable and reusable with a clear understanding of known limitations from day one.

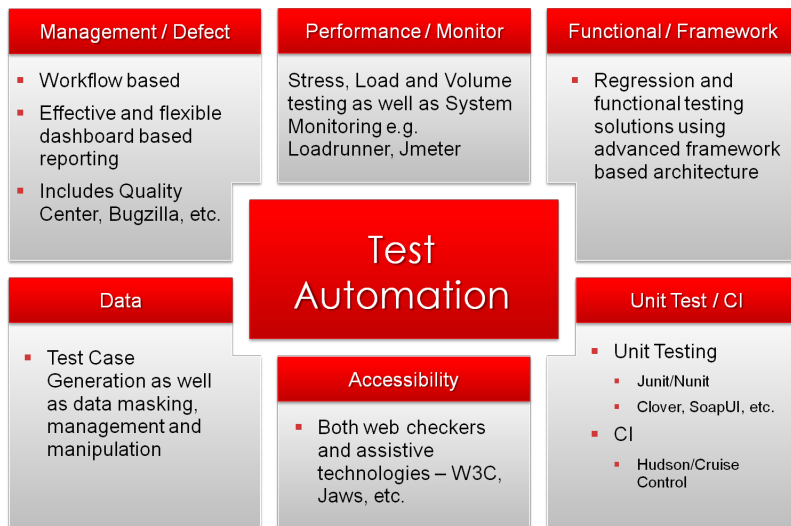


Our pragmatic solutions will enable you to resolve scheduling and data sharing issues by addressing capacity, control and dataset management problems and ensure version and release control is managed and effective.

Our service framework and variety of engagement models enable us to provide everything from short-term consultancy support assignments through to a full-blown Managed Test Support Service (MTSS)

### 2. Test Tools:

Tool-based Testing (TBT) is a powerful weapon which we use both internally in Sopra Group and with our clients to ensure each project makes efficient and effective use of the appropriate tools that deliver real cost savings and benefits.



Test Automation Services Portfolio

If you are not currently using tools we can work with you to build a tailored tools strategy based on leading edge tools and practices

If you are using tools but feel you are not realising the maximum benefits from them we can assess where issues lie and define and implement an improvement roadmap that will achieve a step change in the value they add

If you have given up on tools because of one too many failed attempts to introduce them we can provide a clear demonstration of how to increase their effectiveness and maximise your return on investment.

### 3. Non-Functional Testing

A number of the above tools operate in the non-functional testing space which is becoming increasingly important in the web-centric world IT now inhabits. As well as the tools to support non-functional testing there is often an issue with access to skills in areas such as:



We have extensive expertise in these areas – see the *Non-Functional Test* service sheet for more information.

### Key features

Within the specialist areas mentioned above, our service portfolio is focussed on the delivery of tangible cost-effective benefits to our clients.

We provide an extensive range of testing infrastructure services designed to meet the needs and challenges of our clients which include:

- the lack of specialists or restrictions on their use which make flexible allocation across peaks and troughs of resource requirements very difficult
- specialist testing performed by people with limited or no formal training or background who are seeking help
- recognition that testing infrastructure can be improved but a lack of understanding how best to achieve this.

These are delivered by our global network of specialist testing specialists who have an unrivalled depth of knowledge and experience in successfully delivering first class testing across a wide range of industries, tools and technologies.

## How will it be delivered?

Our experienced specialist testing staff will work with you to identify the key stakeholders relating to testing, their specialist requirements and draft a tailored approach, refined and agreed during collaborative workshops, and incorporated into the relevant test strategy.

We empower our Test Teams through the use of test tools. We also partner with industry-leading tool vendors and use Open Source offerings; this ensures each project is aligned with the appropriate tool, based on its individual merits and requirements.

Our expertise in this area ensure your environments and data processes are optimised, scalable, and reusable with limitations that are clearly understood from day one. This enables projects to deliver their expected benefits while controlling the underlying costs and risk profile.

### Key Benefits

By engaging with us you can share in the benefits we are, and have been successfully delivering, to our testing clients, which include:

- access to dedicated testing specialists who can quickly evaluate and solve technical problems
- reduced cost, time and residual risk through a tailored and communicated specialist test strategy
- flexibility of resource usage through a variety of delivery and engagement models
- optimised return on your test tools investment
- improve your ability to confidently react to ad-hoc change so that appropriate non-functional tests are executed at the right time.

For further information please see <http://www.sopragroup.co.uk/services/core/testing/index.htm> or contact [info@sopragroup.co.uk](mailto:info@sopragroup.co.uk)