

STRESS TEST+



What's it for?

Increased levels of business or a sudden growth in the number of users can cause performance problems with a business application or website. Standard stress test techniques fail to determine what should be done if capacity is inadequate. Performance can only be maintained if you know the answers to some important questions:

- What is the present capacity in terms of maximum number of users or transaction rates?
- Will response-times be acceptable when the load increases?
- Where are the infrastructure or application bottlenecks that are limiting the capacity?
- What changes and upgrades are needed to increase capacity?

STRESS TEST+ gets the answers to these questions and provides you with the evidence you need to back investment decisions.

Benefits to you

Risk Elimination - The STRESS TEST+ service eliminates the risk of poor performance and stability problems that can result from a sudden increase in load on a website or business application.

Understand System Breakpoint – We quantify the maximum number of users or transaction rates that can be supported before response-times become unacceptable.

Performance-at-a-Glance Analysis – We accurately identify the location of performance bottlenecks, and by precisely diagnosing their cause provide recommendations to eliminate them.

Wise Upgrades – Unlike standard stress test techniques, we are able to precisely determine where the bottlenecks are and therefore recommend upgrades that will bring real improvements.

Configuration Optimisation – We identify changes to equipment and software parameters that will optimise performance prior to any upgrades.

Software Optimisation – Our method includes the study of the application under load and so enables us to identify logic changes that would improve performance.

Database Optimisation – Our method includes the analysis of the database under load so that we can recommend actions to tune database performance.

Cost Effective – This evidence-based method means that you are not persuaded to spend time and money on equipment and services that don't increase capacity.

100% Impartial – We do not supply hardware or software and so you have the peace of mind that our advice is completely impartial.

Low Overhead – Our consultants are managed by our own Service Delivery Manager which ensures that your management overhead is kept to a minimum.

You're In Control – Our Service Delivery Manager provides a single point of contact for the project and keeps you up-to-date with progress.

"I can't fault their approach ... that's why I'd recommend them to anyone."

Neil Smith – Head of IT
Vanquis Bank

What do you get?

- **Confirmation** – Knowledge that your website or business application will handle the expected growth – or that it will not.
- **Performance-at-a-Glance Diagrams** - Clearly showing the capacity bottlenecks.
- **Precise Information** - Needed to accurately size network links, infrastructure components, systems and servers to accommodate the growth.
- **A Concise Report** - That will:
 - Project the capacity of your website or business application in terms of maximum users and transaction rates
 - Recommend configuration, software and database changes that will bring quick-wins
 - Detail the upgrades that will increase capacity
- **Multi-Disciplined Experts** - We understand complex end-to-end systems and architectures.
- **A Fully Resourced and Managed Service** – This ensures that the time required by you and your staff is kept to a minimum.
- **Project Closeout Session** - Ensuring that you and your people fully understand the project findings and recommendations, and to provide an opportunity for you to expand on the findings of the report.

Clarity – commitment – innovation

We are 100% impartial – and not interested in selling you hardware or software. We just give you the very best vendor-neutral advice. We've been providing specialist IT services for more than 15 years and we work with many of the worlds leading companies.

To find out about our services, call 01371 876805, or go to: www.advance7.com