

_experience the commitment



Enterprise Application Performance Testing & Tuning

Experience & Expertise

We have expertise in the following performance & tuning areas:

- Performance, Load and Stress testing in pre-deployment stage
- Root-cause-analysis of a problem area
- Identify key areas to focus on tuning
- Production monitoring including predictive analysis
- Time-In-Motion Study

We are also experienced in the following industry leading edge tools and vendors like Mercury Interactive, Compuware, Identify, Sitraka, and IBM:

- Performance and Load Testing - LoadRunner, QA Load, Open STA
- Regression Automation - Win Runner, QA Run, Quick Test Pro
- Test Management - Test Director, Defect Manager, Track Record, Rational Clear Case/ Clear Quest
- Application root-cause-analysis - AppSight Black Box (J2EE, Windows, .net)
- Application production Monitoring - Application Vantage, Client Vantage, Server Vantage
- Application profiling/diagnostics - JProbe

CGI's Testing & Tuning Capabilities

How can I ensure the performance of my critical business applications prior to design, deployment, and through future changes to my IT infrastructure? How can I optimize my IT infrastructure to improve utilization and optimize costs? Are my clients going to be satisfied with the application performance response time? In most cases, the answer is no. This can't occur without proceeding through a defined and thorough testing process. Is this the silver bullet? No, but we can predict and reduce a significant risks by identifying problems earlier in the project life cycle, thereby reducing your costs and time.

Our objective is to reduce the risks and costs being incurred from deploying an application. Our skilled team of experts provide key performance testing & tuning services that address these risks, by testing under simulated, realistic user load conditions and common project constraints. Each of our experts engage on projects with some common goals in mind, which are to:

- Provide confidence in the applications performance before deployment, with objective data to support a go/no-go decision (for example the end user response times)
- Determine the scalability of the application and the capacity levels that the application can achieve (for example the number of users that can be supported, the limits of current infrastructure)
- Identify performance issues and bottlenecks and their causes. Where needed, provide detailed evidence that will speed up the resolution of problems
- Establish performance baseline for service measurement, provide critical information prior to launch to optimise infrastructure and support successful service operation management (for example failure behaviour beyond performance boundaries)
- Monitor critical indicators so you are quickly aware of any changes to your expected levels of performance
- Review application code in development and unit test phase to ensure that the code was following the "optimal performance" guidelines and industry practices.

We have track record of over 80+ critical projects completed to date at an enterprise level in various technology platform including Web Logic, Oracle, AIX, Solaris, .NET, J2EE. We have experience with some of the leading industry performance testing & tuning tools. We have developed a solid proven process, methodology and have been using some of the industry best practices to provide our client with an added value to improve performance of an application.

The Centre for Testing and Quality (cont'd)

With operations in Toronto, Montreal, Ottawa, Calgary, Halifax, and additional near and off-shore capabilities, the CGI Centre for Testing & Quality is one of Canada's largest independent testing groups. We're ready to ensure your technology deliverables meet your quality, cost and time-to-market expectations.

The CGI Centre for Testing & Quality can help you with:

TEST PLANNING ▶ TEST MANAGEMENT ▶ TEST EXECUTION ▶ TEST REPORTING

The CGI Centre for Testing & Quality team of certified specialists has expertise in a variety of industry tools:

- Mercury LoadRunner, WinRunner, QuickTest Professional, TestDirector/Quality Center
- Compuware Vantage suite of product (application production monitoring & predictive analysis)
- AppSight Black Box (application root cause analysis & tuning)
- Rational Robot

CTQ is Mercury Interactive Gold Solutions Partner.

Your Challenges?

- No time or budget to train resources
- No standard methodologies
- Little or no tools know-how
- Shortage of knowledgeable resources

Our solutions for you!

- Trained & certified professionals
- Industry best practices knowledge
- Experienced hands-on tool knowledge
- A Centre of Expertise to draw upon

Whatever your testing needs are, whatever your challenges are, we can help you bridge the gap!

CGI Corporate Profile

CGI clients around the world gain the advantage of knowledgeable, dedicated partners working to develop and implement IT oriented solutions for business and technology challenges.

CGI is one of the largest independent information technology services firms in North America. CGI couples extensive industry sector expertise with a full range of services including strategic IT and management consulting, systems integration, and management of IT and business functions.

Business solutions through information technology™



ISO 9001 Certified

For more on our services contact:
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