



CTG Web Testing Services

Today's companies face keen competitive pressure to develop high-quality, reliable and cost-effective IT solutions.

Because Structured Testing provides insight into the risks involved in every stage of a project, it is a critical element in developing and deploying the applications your business requires.

Is Testing Web Applications Different ?

It definitely is ! First of all, the risk profile is different. We cannot afford to focus primarily on functionality. Non-functional issues such as security, performance, browser compatibility, etc. deserve equal attention. An effective web testing strategy will be highly risk-based.

Furthermore, web development projects face additional difficulties such as extreme time pressure ('Web Time'), missing or poorly documented requirements and constantly changing technologies. This makes the testing job more complex and challenging.

CTG as Your Web Testing Partner

Our web testing specialists, ranging from junior test engineers to experienced test consultants and managers can help you with your web testing concerns. They have the necessary knowledge and experience to organize and execute your test activities, to select and implement the best test tools, to advise on your test process and to organize web testing training.

The CTG Approach

Based on hands-on experience, CTG has developed a unique approach to deal with the web testing challenges. The approach is visualized by the **CTG Web Testing Matrix**.

CTG can help you use this model to define your test strategy, organize the test process and manage the test activities.

QUALITY ATTRIBUTES (What?)	TEST LEVELS (When?)				
	White Box	System	Accept.	Online	Post-Impl.
Code Quality Assurance					
Component Quality	<input checked="" type="checkbox"/>				
Component Integration	<input checked="" type="checkbox"/>				
Functional					
Transaction		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Site Navigation		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Non Functional					
Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reliability		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Security		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Usability			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
System Integration					
External Interface	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Legacy System Integration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The left column indicates the **Quality Attributes** or the risk areas that apply for web applications or web sites.

The **Test Levels** are groups of test activities that are organized and managed collectively. Compared to traditional test models (e.g. the V-Model), you will notice 2 new test levels :

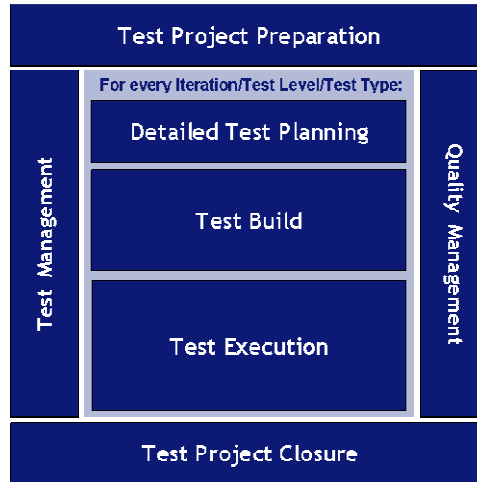
- Online Testing
- Post-Implementation Testing

Our Commitment to Quality

CTG ensures the consistent delivery of the highest-quality services through proprietary best practices formally defined in our global quality system. CTG is among the first in our field to have designed and implemented a comprehensive **Total Quality Management Program**. This program guides our employees worldwide in qualifying opportunities, delivering projects on time, hiring the right professionals, and ensuring that client requirements are fully satisfied.



This Web Testing approach is an extension of the general CTG Test Methodology (see figure below). This methodology describes the general life cycle model CTG uses in its software testing projects.



CTG's Remote Test Centre

In the traditional working model, our CTG test professionals work at your site and with your infrastructure. But have you ever considered an offsite test center for your web testing activities.

In the CTG Remote Test Center, our experienced test specialists can use our facilities, techniques and tools to test your web applications in an effective way. CTG has invested in a test machine park to simulate the wide range of potential user platforms for your web applications (e.g. hardware, operating systems, browsers, etc.).

Your Benefits

Working with CTG's web testing specialists will :

- Increase the quality of your web application ;
- Give you access to leading test practices and expertise (incl. the CTG Web Testing approach) ;
- Save costs through increased efficiency and faster time to market.

Contact us

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Backed by 41 years' experience, CTG provides IT staffing, application management outsourcing, consulting, and software development and integration solutions to help Global 2000 clients focus on their core businesses and use IT as a competitive advantage to excel in their markets. CTG combines in-depth understanding of our clients' businesses with a full range of integrated services and proprietary ISO 9001:2000-certified service methodologies. Our 3,300 IT professionals based in an international network of offices in North America and Europe have a proven track record of delivering solutions that work.

More information about CTG is available on the web at www.ctg.com.