



CTG Set Up of Test Practices

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.

Are Your Projects Always Re-inventing the "Testing Wheel"?

Most companies have recognized the crucial importance of a structured test approach and an efficient test organization. However, many of them are still looking for a successful way to set up a company-wide structured testing philosophy.

Designing a uniform test approach that fits your organization is a huge challenge, because the test approach :

- Has to be pragmatic, yet complete ;
- Should be suitable for different kinds of projects, environments and application types ;
- Has to integrate with existing methodologies (e.g. development) ;
- Has to be acceptable from an organizational and political perspective.

And that is just the easy part ! Once you have created the new test approach, you have to make sure that everybody applies these new practices.

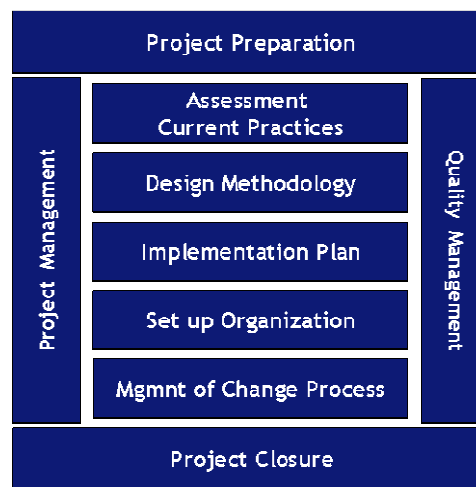
CTG as Your Partner to Set up Structured Testing

CTG's Test Consultants have the necessary experience and knowledge to :

- Design a test approach that is customized for your organization
- Work with you on an efficient strategy to implement it across the organization
- Manage the change process

The CTG Approach

Based on hands-on experience, CTG has developed a **unique phased approach** for these assignments.



We start by making an unbiased **inventory of the current situation**. The objective is to identify the strengths and the weaknesses of the current test process. Both will have their impact in the new test approach.

The first thing to consider when **designing the test methodology** is whether to adopt an existing test methodology (e.g. CTG's STBox™ Testing Method) or to create your own.

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.*



Our experience has taught us that the best strategy is the result of an efficient mix between “by the book” methodology and the best practices that were already in place in the organization.

The new test approach is consolidated in the Test Handbook, a document that describes the what, when, how, where and by whom for testing in your organization.

The Test Handbook should be structured in such a way that different profiles can access the information they need, without having to read through the complete book.

A technique that we often use to achieve this is to visualize the test process in workflows.

The **implementation plan** describes the change process for converting the current test practices to a situation where the new test approach is generally accepted and applied across the organization.

An important element in the Test Handbook will be the **organization** supporting the test process. Key element here is a clear definition of the different roles (actors), their tasks and responsibilities. In this phase, the organization is set up.

A key function during the roll-out is the **change manager**. This person acts as the project leader for the implementation and leads this change process with the implementation plan as the blueprint.

Your Benefits

Working with CTG for your test improvement efforts will :

- Allow you to work with experienced specialists with a high degree of knowledge in testing and change processes ;
- Ensure correct and sensible use of the “industry standard” models for test process improvement ;
- Give you access to leading practices (CTG TPA approach, project cards, etc.) ;
- Result in an optimized test process, and therefore in increased efficiency and cost savings ;
- Provide full support in all phases of the implementation process.

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.