



CTG Testing of ERP Packages

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.

Structured Testing to Reduce the Risk of your ERP Implementation

Companies are investing heavily in **ERP solutions**, such as **SAP** and **PeopleSoft**, to support their business critical processes. Often, a lot of money is spent on customizing and integrating the ERP package. However, because the importance of structured testing is often underestimated or forgotten, a lot of ERP implementations do not deliver to the promise.

The idea that “out-of-the-box” solutions do not need to be tested is widely accepted. Reality however is that ERP systems are always customized, are linked to other legacy systems and other software packages and require different local implementations. Furthermore, after deployment, regular upgrades and hot fixes will have to be planned.

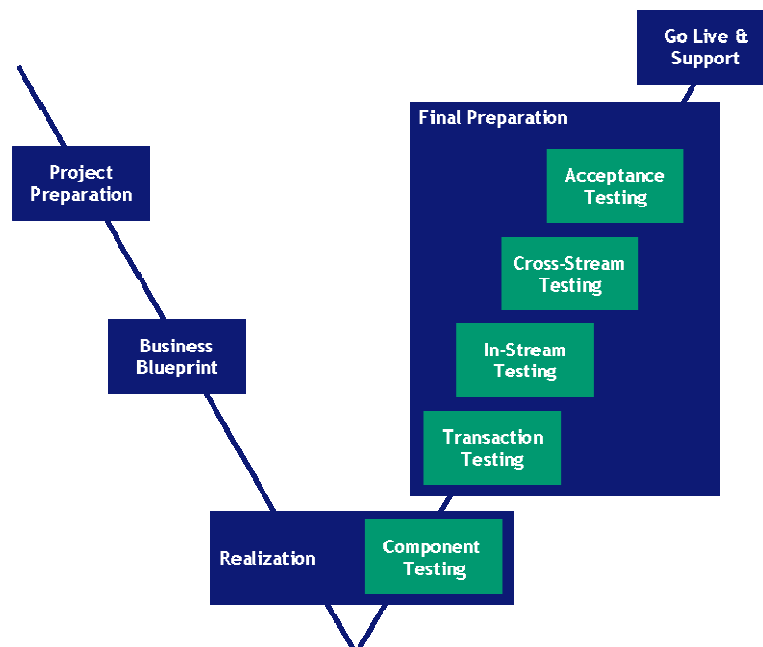
This makes testing even more complex than for traditional software. As a result, the testing discipline needs to be carefully managed.

CTG as Your ERP Testing Partner

As Belgium's leading test service provider CTG assists its customers in maximizing their ROI on ERP solutions by organizing and executing the test activities, by selecting and implementing the appropriate ERP testing tools and by giving advice on their ERP testing process.

The CTG Approach

Based on hands-on experience, CTG has developed a specific approach to deal with the ERP testing challenges (see figure below).



The **Developer Tests** are technical tests of low-level components (e.g. a conversion module).

Transaction Testing is testing of a single transaction (e.g. Create Sales Order) to confirm the operation of transactions and related configuration checks (e.g. default values, mandatory fields, etc.)

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.*

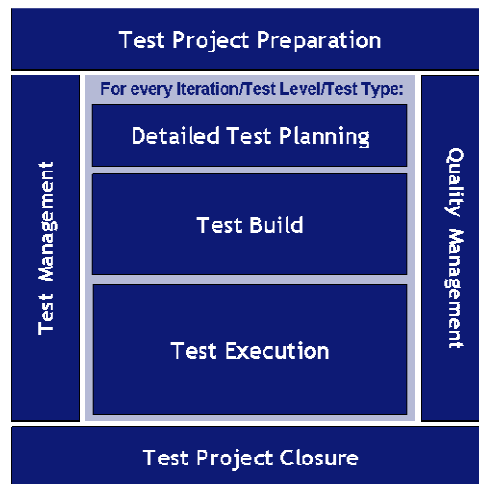


In-Stream Testing covers chains of transactions that flow together and which reflect important business process and scenarios (e.g. within the Sales process).

Cross-Stream Testing is end-to-end testing of integrated processes through execution of predefined business flows (within the ERP system or collaboration with legacy systems).

Acceptance Tests are in-stream or cross-stream tests by the user community with the objective of formal acceptance.

This ERP 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.



Your Benefits

Working with CTG's ERP testing specialists will:

- Allow you to better manage the ERP implementation
- Increase the quality and ROI of your ERP solution
- Increase end-user confidence
- Reduce the cost and duration of the implementation
- Result in re-usable regression tests for future upgrades and maintenance

Contact us

In Europe :

CTG Belgium NV/SA
Woluwelaan 140A bus 3,
1831 Diegem, Belgium
Phone: + 32 (0)2 720 51 70
Fax: + 32 (0)2 725 09 20
www.ctg.be ; info.be@ctg.com.

In the United States :

CTG Inc.
800 Delaware Avenue
Buffalo, NY, USA
Phone : 716/882-8000
Fax : 716/887-7456
www.ctg.com ; info.us@ctg.com

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.