



_experience the commitment™



Benefits of ATSM

ATSM
TESTING SIMPLIFIED.
EFFICIENCY AMPLIFIED.

Automated Test Service Management (ATSM) is CGI intellectual property that transforms manual testers into automation experts—resulting in reduced test timeframes and increased test coverage.

Instead of writing scripts for a testing engine such as Quick Test Pro or Rational Functional Tester, testers and business analysts can use the ATSM graphical user interface to easily create automated test cases and manage test data.

If you have already invested in test automation, ATSM can also link to existing scripts created by automators.

Technologies used in ATSM

ASP.NET, C#, SQL Server, python.

Increase your team's productivity. Provide them with the tools necessary to meet increasingly aggressive deadlines. Drastically improve overall test coverage.

Benefits for manual testers

- Redundant and repetitive tasks in the testing process are eliminated.
- New data-driven scenarios are easy to add to existing automated business scenarios.
- Testers are able to concentrate on more complicated and deeper testing.
- Tests (manual or automated) are easily maintained and have a single point of maintenance in most cases.
- Test cases can be set up in ATSM before the code is available.
- Defect fix validation tests are automated.
- Test execution is completely documented in an automated fashion.
- Tests are organized, concrete, consistent and easy to understand for new testers.

Benefits for automators

- Manual testers can perform their day-to-day work with little technical support.
- Automators are freed up to focus on more difficult and technical automations.
- Manual testers can use ATSM to link to existing automation tools established in QTP, RFT, or even custom tools built in-house.
- Changes to test step sequences and new required objects can be updated with a single point of maintenance in the ATSM GUI instead of using hunt and replace techniques in scripts.

Benefits for test managers

- Greater and more accurate test coverage is possible in less time.
- High percentage of regression testing is available in the current release.
- Agile projects' shorter iterations and constant retesting especially benefit from ATSM.
- Automated tests are flexible enough to test business processes completely from end-to-end.

- Reports and dashboards provide real-time information on test design progress and test execution status
- Test cases and results can be uploaded from ATSM to test management tools such as Quality Center or Clear Quest Test Manager.
- ATSM is a knowledge repository of your testing efforts and can be used to cross-train new resources, and also allows you the flexibility to move resources to other projects while using the same simple GUI to design automated tests.

Benefits for decision makers

- Available hosted environment and cloud computing options mean no long-term investment in hardware.
- Higher productivity for the test team means you are able to meet more aggressive deadlines.
- Execution machine “round robin” functionality provides efficient use of test engine software licenses.
- Increased software stability.
- Lower overall testing costs.
- Reports and dashboards provide easy-to-read, real-time status.
- Faster testing of new functionality facilitates speed to market.

ABOUT CGI

At CGI, we're in the business of satisfying clients by helping them win and grow.

Since our founding in 1976, we've operated upon the principles of sharing in clients' challenges and delivering quality services to address them. A leading IT and BPS provider, CGI has a strong base of 31,000 professionals operating in 125 offices worldwide. Through these offices, we offer local partnerships and a balanced blend of global delivery options to ensure clients receive the optimal combination of value and expertise required for their success.

We define success by helping our clients achieve superior performance and gain competitive advantage.

CONTACT US

Need efficiency gains on your next project? Contact info@cgi.com for more information.