SPIRENT TESTCENTER

SPIRENT TESTCENTER API: TCL, PERL, JAVA, C, RUBY AND PYTHON

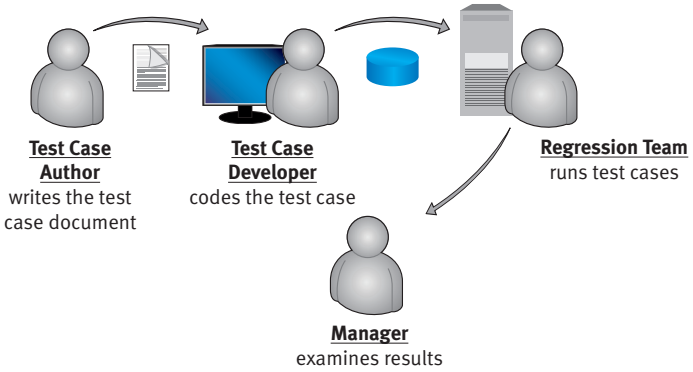
The Spirent TestCenter API is a powerful interface for implementing custom test cases in a regression environment. With support for the most popular scripting/programming languages and the most common operating systems, Spirent's API fits your lab's existing environment, accelerating test case development and increasing team productivity.

Spirent TestCenter's API interface is available with Tcl, Perl, Java, C, Ruby and Python language bindings and run-time support on Windows, Linux and Solaris. Mirroring the full functionality of the Spirent TestCenter GUI, the Spirent TestCenter API allows the test case developer to automate the testing process for the regression test lab.

Its consistent object-oriented architecture makes the Spirent TestCenter API highly usable, and facilitates code re-use between individuals and teams. The API is fully documented for each scripting/programming language, and several script examples are included to accelerate the test case developer's productivity.

The Spirent TestCenter API provides the best fit for the regression lab, ultimately instilling confidence that your own product's features and performance are achieved with the highest quality, on time, and within budget.

Scripted Test Cycle



BENEFITS

- Enables custom test case development for automated regression environments
- Accelerates test case creation through a consistent object model
- Eases the development of middleware layers

FEATURES

- API supports all capabilities available in the Spirent TestCenter GUI via the API
- Support for Tcl, Perl, Java, C, Ruby and Python
- Support for Windows, Linux and Solaris

TARGET ENVIRONMENTS

- Test engineers who code test cases
- Performance test beds requiring high performance scripted test cases
- Regression test beds with complex test scenarios
- Organizations seeking to develop middleware layers encompassing their business processes

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ORDERING INFORMATION FOR ADDITIONAL SUPPORTED LANGUAGES:		
Language	**Operating System**	**Product Number**
Perl	BSD and Linux	BPK-1080A
Ruby	Windows	BPK-1151A
C	Windows	BPK-1152A
Java	Windows and Linux	BPK-1153A
Python	Ubuntu	BPK-1154A

Support for Tcl is included as part of the BPK-1001A Packet Generator and Analyzer Base Package A

SPIRENT PROFESSIONAL SERVICES FOR INFRASTRUCTURE TEST OPTIMIZATION (ITO)

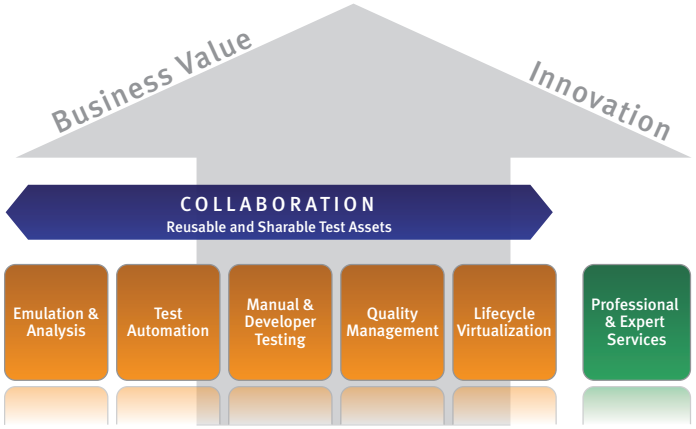
Spirent provides services expertise for all major communications vendors. Our test methodology and automation experts include IETF engineers and RFC authors who have developed many of the industry's acclaimed benchmarks. They help define standards and performance tests for dozens of industry forums and standards bodies. Our test experts have also built QA systems and regression test systems. Such industry expertise optimizes your solution capabilities and ensures you deliver your product and/or services to market on time.

Professional Services offerings include:

- **Implementation Services**: Delivers rapid roll out of automation solutions and system test deployment
- **Engineering Services**: Provides scoped lab and test automation, test equipment integration, custom test scripts for added functionality, test case development, automation framework, test harnesses, long-term projects
- **Integration Services**: Offers customized expertise of complex, multi-component and multi-domain automation solutions, including design validation and scalability projections, as well as implementation validation
- **Education Services**: Optimizes lab and test automation investments so test teams utilize all the rich features to their full capabilities

Maximize productivity with Spirent's Professional Services:

- Optimize your lab architecture, test setup procedures and strategies
- Lights out testing 24x7 from anywhere
- Maximize your capital investment
- Accelerate your time to market



ITO's Five Primary Practice Areas

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