

## OpenGIS® Test Engine

### Benefits

- Time Saved

Conduct your testing over your own high-speed LAN.

- More Control

Test engine availability in your own laboratory.

- Cost Savings

Use the engine and its well-documented test notation to create and add your own product-specific tests; e.g., for regression testing or for adding features beyond the OGC specifications or the current test coverage.

- Improved Quality

Better testing means fewer issues in shipped products.

The OpenGIS Test Engine provides automated test control, sequencing, results logging, reporting, and account management for the Open GIS Consortium (OGC) developed Conformance and Interoperability Testing and Evaluation (CITE) test scripts. It was developed by The Open Group for the OGC as part of their CITE initiative.

With the endorsement of OGC, The Open Group is offering a downloadable version of this web-based product, that will allow the CITE tests to be run in your development laboratory without having to connect to the remote CITE test systems. This is particularly suitable for organizations that have OpenGIS products that they wish to put through the OGC-developed tests with confidentiality and in-house control.

There are many advantages of having your own copy running locally on your own network, including control, network access speed, and dependability, as well as confidentiality of the testing and test results. The well-defined test script notation can also be used to create additional test scripts specific to your product, and the combined tests can be run as part of your development and quality assurance process.

### Product Overview

The OpenGIS Test Engine provides automated test control, sequencing, results logging, reporting, and account management for the OGC-developed CITE test scripts for testing conformance to OGC Web Services Specifications (WMS, WFS). For your convenience, the OGC-developed tests are included as part of the package at no additional cost.

The tests include:

- Web Mapping Service, Version 1.1.1
- Web Mapping Service using Styled Layer Descriptor, Version 1.0
- Web Feature Service, Version 1.0
- Web Feature Service with Transactional Capabilities

The package includes the definition of the test notation that has been used to write these tests.

New tests can be written in this notation, and loaded into the Test Engine to create your own product-specific development and quality assurance tests.

### System Requirements

The OpenGIS Test Engine is implemented in Java. It is designed to operate as a Servlet Web Application that is operated within a Servlet Container environment.\*

The software has the following system requirements:

#### Operating System

As it is entirely Java-based, the test suite will run on any system that has a JRE V1.3 or higher installed. The build and test environments currently supported are:

- Sun Sparc running Solaris 2.8 or higher
- Intel 686 running RedHat 7.1 or higher
- Microsoft Windows XP

#### Third-Party Applications

The system requires the following:

- Apache Version 1.3.22 or higher
- Tomcat 3.2.3 or 3.3 and mod\_jk
- 3rd-Party Java Archives (Jarfiles)

\* Refer to:

<http://java.sun.com/products/servlet/> for details of the Java Servlet environment and Web Applications.

## OpenGIS® Test Engine

---

### Support and Maintenance

Support and maintenance is available and includes:

- All maintenance updates of the test engine that are publicly released in response to bugs reported by customers
- Email support

As new tests are released by OGC, incorporating revisions and coverage for new specifications, you will be able to load these into the Test Engine. We will provide integrated updates to our support customers enabling them to take early advantage of these extensions to test coverage.

### Pricing

#### Single System

The ten-year license fee for a single system is US\$12,000.

Annual Support and Maintenance is US\$4,000.

#### Two Systems

The ten-year license fee for two systems is US\$18,000.

Annual Support and Maintenance is US\$6,000.

#### Unlimited Systems

The ten-year license fee for an unlimited number of systems is US\$24,000.

Annual Support and Maintenance is US\$8,000.

### For More Information

#### Chris Parnell

Europe, Middle East, & Africa

+44 (0)118 902 3038

+44 (0)7740 162947 (M)

[c.parnell@opengroup.org](mailto:c.parnell@opengroup.org)

#### Mike Hickey

Americas & Asia-Pacific

+1 512 343 9159

+1 512 970 2749 (M)

[m.hickey@opengroup.org](mailto:m.hickey@opengroup.org)