



Easy to Deploy

Installs in less than 10 minutes

Intuitive Interface

Rapid test generation

Complete Solution

Comprehensive service testing

SOAPSonar is the industry leading client emulation service testing tool with over 50,000 installations worldwide. SOAPSonar provides comprehensive features combined with an intuitive user interface to enable code-free service testing that covers Functional, Automation, Regression, Performance, Compliance and Security test for XML, SOAP, REST, EDI, and JSON testing.

Endpoint testing includes communication protocols HTTP, FTP, sFTP, Tibco EMS, IBM MQ, Oracle JMS, Active MQ, and native JMS. SOAPSonar provides immediate feedback to developers, integrators, testers and security professionals on the quality, resilience, and robustness of enterprise services.

	Personal Edition	Professional Edition	Server Edition
General			
Simple Navigation	X	X	X
File, URI, Drag-&-Drop WSDL Loading	X	X	X
WSDL Loading HTTPS and Basic Auth	X	X	X
HTTP Header Authoring	X	X	X
Drag-&-Drop Test Suite Selection	X	X	X
Complex WSDL support		X	X
Enhanced XML Editing Interface		X	X
Automatic Data Population		X	X
Extensible Test Settings		X	X
Project Management			
Project Save, Merge, Import, and Export (allows Team Project Sharing)		X	X
WSDL Merge (services, operations, XSD schema)		X	X
Clone Test Suites, Test Groups, Test Cases, Test Settings		X	X
Test Flow Management			
WSDL Operation Response/Request Chaining		X	X
Dynamic Response Element, Attribute, or Node Capture		X	X
Dynamic Response HTTP Header Value Capture		X	X
Conditional Test Execution		X	X
Data Table Driven Test Flow		X	X



Protocols

HTTP	X	X	X
HTTPS		X	X
IBM MQ			X
Tibco EMS			X
Weblogic JMS			X
Active MQ			X
FTP			X
SFTP			X

Key Generation

Windows Integrated PKI		X	X
Key Import/Export		X	X
256-3072 bit Keys		X	X
RSA, DSA, DH, SHA, MD5, ECC algorithms		X	X

Protocol Authentication

HTTP Basic Authentication	X	X	X
Cookie Authentication	X	X	X
SSL X509 Client Auth (with integrated PKI)		X	X
NTLM		X	X
Kerberos / SPNEGO		X	X

WS-Security and Identity Management

WS-Security Signatures		X	X
WS-Security Encryption		X	X

WS-Security Username Token		X	X
WS-Security X509 Token		X	X
WS-Security SAML Token		X	X
WS-Security Kerberos Token		X	X
SOAP with Attachments (DIME and MIME)	X	X	X
SOAP with Attachments (MTOM)	X	X	X

General Dynamic Tasks

WS-Addressing		X	X
XLST 1.0 and 2.0		X	X
Arbitrary Data Insertion		X	X
Arbitrary String Replacement		X	X
Latency Modeling			X
Database Processing		X	X

Compliance

Design Time WSI-BP 1.1 Compliance		X	X
WSDL Region WS-I Assertion Violation Highlighting		X	X
Dynamic XSD-Mutation™ Active WSI-BP 1.1 Compliance		X	X

Vulnerability Assessment

Dynamic XSD-Mutation™ Automated Vulnerability Suites		X	X
Dynamic XSD-Mutation™ Web Service API Boundary Testing		X	X
Author Custom Auto Vulnerability Definitions (AVD)		X	X

Risk Mitigation Report Scoring		X	X
Extensible Criteria Libraries		X	X

Reporting

Detailed Statistics Logging	X	X	X
Graphs	X	X	X
Export Reports in PDF, XML, CSV formats		X	X
Export Grid Data to Excel, HTML		X	X

Automation Data Sources

CSV File		X	X
Excel (.xls and .xlsx)		X	X
Comprehensive ODBC Connection Support		X	X
Native SQL Server 2000/2005		X	X
Native Oracle		X	X

Dynamic Success Criteria Evaluation

Automation Data Source Column Variables		X	X
Response Variables		X	X

Baseline Regression Testing

Generate Test Suite baseline Response		X	X
Configure XML Diff Criteria from Baseline		X	X
Publish HTML XML Diff Baseline Report		X	X
Extend and Manage Regression Baseline versions		X	X

Extensibility / Plug-Ins

Command-Line Interface			X
JUnit Plugin	X		X
Native HP Quality Center Integration	X		X
RequestEvent SOAP DLL Plug-in Interface	X		X
ResponseEvent SOAP DLL Plug-in Interface	X		X
SuccessCriteriaEvent DLL Plug-in Interface	X		X

Performance Loading

Large Scale Virtual Users (concurrent loading engines)			X
SLA Rate Throughput Throttling			X
Large File Streaming			X
Distributed Loading Agent Architecture			X

Performance Diagnostics

Error Tracing Load Diagnostics			X
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Contact Information

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