



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, and native JMS. SOAPSonar provides immediate feedback to developers, integrators, testers and security professionals on the quality, resilience, and robustness of enterprise services.

BASE STANDARDS	⇒ XML, SOAP 1.1/1.2, JSON, WSDL 1.1/1.2, UDDI, EDI, ICD9, ICD10 ⇒ XPath, XSLT 1.0/2.0, XSD Schema, Schematron, DTD, REST, SOAP with Attachments, MTOM, WS-Addressing, WS-Trust, WS-I Basic Profile, WS-Policy, WCF, WS-Security 1.1, SAML 1.1, 2.0 ⇒ HTTP, HTTPS, FTP, sFTP, IBM MQ, Tibco JMS, WebLogic JMS, ActiveMQ, and native JMS protocols
TEST AUTHORING	⇒ Simple navigation with point-and-click test case and test-suite authoring ⇒ Regression baseline automation with graphical XML Diff technology ⇒ Use external sources such as File, Excel, Oracle, MS SQL, any ODBC Database for automated tests
INTEGRATIONS	⇒ Native HP Quality Center Integration (EMAP Certified)  ⇒ Features for integration with Hudson, JUnit, Ant
COMPLEX MESSAGES & WSDLs	⇒ Complex WSDL loading support with WSDL and XSD imports ⇒ XSD Polymorphism support (Abstract Types), XML Attributes and Element Exclusion ⇒ SOAP with Attachments, MIME, DIME, MTOM support
DYNAMIC MESSAGE PROCESSING	⇒ Request and Response Task Processing with Encrypt, Decrypt, Sign, Verify ⇒ Unique timestamps and nonce generation for every Request ⇒ Dynamic Tokens including WS-User Name, WS-X.509, WS-Kerberos, WS-SAML, WS-Timestamp ⇒ Message Transformation using XSLT, or direct JSON, EDI, and XML conversion functions ⇒ Extensible message processing via VBScript, JScript and external business logic in DLL plug-ins
CRYPTOGRAPHY & PKI	⇒ Import, Generation and Management of X.509 with Self-signed and CA-signed Certificates ⇒ Dynamic Smart-Card certificate extraction & Direct Java Keystore import
IDENTITY	⇒ HTTP Basic Auth, HTTPS X.509 Mutual Auth, Windows NTLM, Cookies, Custom Form Post ⇒ WS-Security Auth (Username Token, X.509, Kerberos and SAML), SAML 1.1 and 2.0
PERFORMANCE & SCALABILITY	⇒ Concurrent Virtual Clients with Ramp-up and Ramp-down schemes ⇒ Transaction Rate Throttling for SLA Measurement and Multiple Traffic Schemes ⇒ Detailed Error Tracing and Performance Statistics
SECURITY	⇒ Auto-generated security tests using XSD Mutation Technology ⇒ Identify Web Services vulnerabilities such as SQL Injection, Malware Threats, Denial-of-Service
RULE SCORING & SUCCESS CRITERIA	⇒ Use WS-I Basic Profile and authored corporate policies for produced services ⇒ Automated Database to XML Comparison, XMLDiff Regression Baseline, XPath, Headers, Schematron
REPORTING	⇒ Extensible XML Output Format, Graphical Reporting. Graphical XML Diff Reports.



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