



Easy to Deploy

Installs in less than 10 minutes

Intuitive Interface

Rapid test generation

Complete Solution

Comprehensive service testing

SOAPSonar is the industry leading 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, Performance, Compliance and Security test modes for XML, SOAP, REST, and JSON testing.

With extensive features such as SOAP Attachments, WS-Security, XML to JSON conversion and Plug-in APIs, SOAPSonar addresses the full range of testing needs for the entire Service Lifecycle. Testing automation is simplified using dynamic XSD mutation and automated regression baseline Diff detection technology. SOAPSonar provides immediate feedback to developers, integrators, testers and security professionals on the quality, resilience, and robustness of enterprise services.

BASE STANDARDS	⇒ XML 1.0, SOAP 1.1/1.2, WSDL 1.1/1.2, UDDI 2.x+
	⇒ XPath 1.0/2.0, Schema 1.0, DTD, XSLT 1.0, REST, SOAP with Attachments, MTOM, WS-Addressing, WS-Trust, WS-I Basic Profile, WS-Policy, WCF, HTTP, HTTPS, WS-Security 1.1, SAML 1.1, 2.0
	⇒ HTTP, HTTPS, IBM MQ, Tibco EMS, WebLogic JMS, 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	⇒ Complex WSDL loading support with WSDL and XSD imports
MESSAGES & WSDLs	⇒ 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 and dynamic routing through WS-Addressing
	⇒ 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
	⇒ Identity Web Services vulnerabilities such as SQL Injection, Malware Threats, Denial-of-Service
RULE SCORING	⇒ Use WS-I Basic Profile and authored corporate policies for produced services
	⇒ Evaluate and Score WSDL quality based on reusable rule policies
REPORTING	⇒ Extensible XML Output Format, Graphical Reporting. Graphical XML Diff Reports.



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