

Industry Applications of our Products

- Financial systems
- Vehicle control systems
- Network and router management systems
- Telecommunications (e.g. TR-069)
- Printer/scanner devices and services (e.g. W3C PWG SM)
- Document processing
- Workflow processing
- Games
- Camera systems and video control (e.g. ONVIF)
- Cloud computing platforms
- SaaS-enabled legacy systems
- Security software
- Defense technology (e.g. VICTORY C4ISR/EW Interoperability)

GENIVIA
genius via automation




Products and Services


-  R&D in software automation
-  Industry standards & XML
-  Development tools
-  Software licensing
-  Cyber security
-  Consulting services

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Looking for?

Where to Find

Commercial gSOAP standard edition	www.genivia.com/products
GPLv2 open source gSOAP edition	sourceforge.net/projects/gsoap2
BSD-3 open source RE/Flex tools	www.genivia.com/reflex.html
Sales inquiries	Email sales@genivia.com or call (+1)850-270-6179
Licensing & support inquiries	Email contact@genivia.com or call (+1)850-270-6179
Help and FAQ	www.genivia.com/help

Why Choose Genivia?

Software automation by automatic programming is vital to increase software development productivity and to harden product reliability and security. Customers worldwide trust Genivia's stable software tools to expedite the development of their products and to meet the latest industry standards.

Genivia Customers

Genivia has a rapidly expanding customer base that includes all of the top 15 technology companies, most of the Fortune 500 companies, and the US department of defense.



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Genivia gSOAP Product Features

- ✓ Type-safe XML data binding tools for C/C++ (including C++11)
- ✓ Meets W3C and OASIS standards requirements
- ✓ XML streaming auto-serialization of C/C++ data structures
- ✓ C/C++ (cyclic) object graph serialization (with SOAP id-ref)
- ✓ STL container auto-serialization
- ✓ Customizable XML-to-C/C++ mapping rules
- ✓ XML-RPC from/to JSON from/to C/C++ conversion
- ✓ Automatic code generation for SOAP/REST clients and servers
- ✓ Push and pull XML over sockets, file FD, and std::iostream
- ✓ SaaS enabling of legacy systems as standardized Web services
- ✓ Internationalization and localization (UTF8, UCS4, MB, etc)
- ✓ Fast with over 3000 round-trip SOAP calls per second
- ✓ Small footprint with simple applications under 100Kb
- ✓ Interoperates with Axis, .NET WCF, SOAP::Lite, Weblogic, etc.
- ✓ Passed W3C Databinding Interoperability working group testing

Protocol Compliance

- WSDL 1.1/2.0
- XSD 1.0/1.1
- SOAP 1.1/1.2
- RESTful XML, XML-RPC, JSON
- HTTP 1.0/1.1
- RSS 0.91/0.92/2.0
- SOAP-over-UDP
- DIME, MIME and MTOM
- WS-Security
- WS-Policy 1.2/1.5
- WS-SecurityPolicy 1.2
- WS-Addressing
- WS-ReliableMessaging 1.x
- WS-Discovery 1.0/1.1
- UDDIv2
- WS-I Basic Profile 1.0a, 1.1, and 1.2

Supported Platforms

- MS Windows Win32 & Win64
- Cygwin & MinGW
- Linux (RedHat, SuSE, etc)
- Unix (Mac OS X, Solaris, BSD, FreeBSD, HP-UX, Irix, QNX, AIX, TRU64, etc)
- OpenVMS
- z/OS
- NonStop Tandem
- VxWorks
- MS-DOS (limited)
- WinCE
- Palm OS
- Symbian
- iOS
- Raspberry Pi
- RTOS and other platforms

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No Support	Optional Professional Support	Includes Professional Support
No Warranty	Limited Warranties	Limited Warranties
GPLv2 Open Source gSOAP	Commercial gSOAP Edition	Commercial gSOAP Edition
No Charge	Pricing: Seat or Team	Pricing: Please Inquire

Top-rated Development Tools



Five star recommendation for gSOAP by CRN survey on C++ Web services development tools. Top-rated by SourceForge users and many satisfied customers:

gSOAP was far beyond my expectations compared to other libraries. Not only are there plenty of examples, but they work right out-of-the-box, allowing me to quickly evaluate how well the product works or if it even works at all! You would not believe how much time I spent with some other libraries just trying to get the samples to work. - D. Heitmueller

For starters, I'd like to say that I had some end-to-end samples up and running in a couple of hours. [...] Needless to say, we're very pleased with the level of interoperability.
- A. Peres-Da-Silva

This toolkit is great! In just a day I learned all about it and have a working server already in place receiving a collection of SOAP calls! - F. Crick

I like the gSOAP solution very much, it is quite agile and easy to understand. The documentation is well prepared. - C. Yu

gSOAP is really good. It is so much more easy to use than other SOAP toolkits.
- R. Kumar