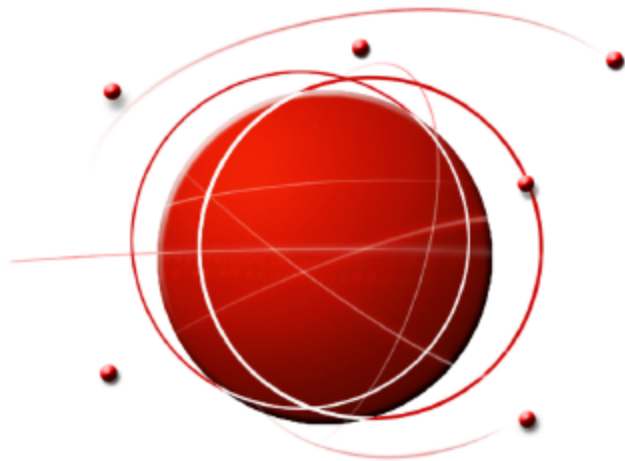


dynamicsoft.

The Power to Communicate. The Freedom to Innovate.™



New in This SIP User Agent Release

- Conformance to Latest SIP Spec RFC 3261
- Conformance to Latest SIP Dialog Semantics
- Improved Performance

Are Your Products Ready for Converged Networks?

dynamicsoft Makes It Happen

The communications marketplace today demands services that leverage the combined power of voice, video, e-mail, messaging, and presence. The Session Initiation Protocol (SIP) is an open, Internet-based standard that makes this convergence a reality. By integrating the dynamicsoft SIP User Agent™ into your product, you can ensure that it will support the SIP standard and, in turn, the converged services that businesses and consumers are demanding. Our User Agent is the starting point for building products that send and receive converged communications over networks.

SIP-Enable Your Product With The dynamicsoft User Agent

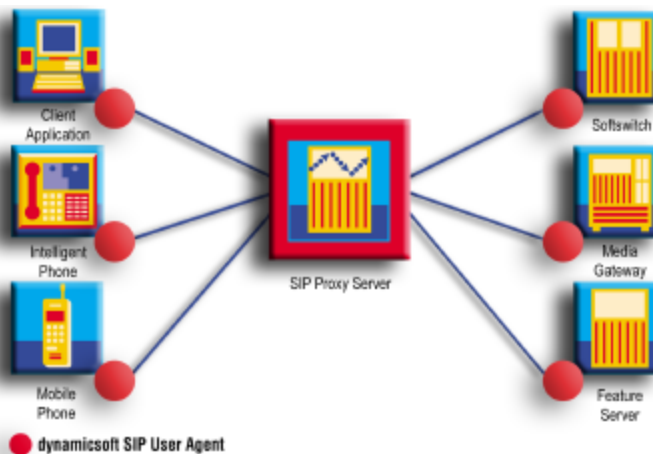
The dynamicsoft SIP User Agent can be used to SIP-enable enduser devices such as PCs and softphones, as well as server applications such as softswitches, media gateways and feature servers. It manages the basic connection between call-originating and call-terminating parties. In addition to the most comprehensive and flexible protocol stack on the market, dynamicsoft offers a suite of tools to simplify integration with your product. The dynamicsoft SIP User Agent is a complete developer's toolkit that includes sample applications, signaling simulators and comprehensive developer guides. Download a fully functional evaluation copy today to find out why dynamicsoft has the most widely deployed SIP User Agent in the world.

tntsystems

TNT Systems Inc., is the exclusive North American reseller of the dynamicsoft User Agent.

For more information, contact

sales@tntss.com



Various endpoints can use the dynamicsoft SIP User Agent to communicate with each other via a SIP proxy server.

Join the SIP Revolution

SIP has achieved widespread market acceptance as the standard signaling protocol to manage voice, video and data sessions in IP networks. In 1999, the Internet Engineering Task Force (IETF) defined SIP in RFC 2543 and in 2002 recently ratified the SIP protocol, known as RFC 3261. Together with the Session Description Protocol (SDP) RFC 2327, SIP has become the clear choice for supporting converged communication services. SIP offers:

- An open standard for interoperability that makes it an ideal platform for building converged services and products for IP networks
- Scalability to meet the needs of growing networks
- A lightweight, text-based, readily understandable protocol similar to HTTP

Take Advantage of Our Expertise

Why drain your resources developing a SIP user agent when you can simply leverage our expertise? No one in the industry has more in-depth experience or knowledge of SIP than dynamicsoft's experts. With our User Agent, your developers can focus their efforts on growing your core business. The reduced development time will help you get to market ahead of the curve.

The dynamicsoft User Agent Offers

- **Best-in-Class Performance** The dynamicsoft User Agent demonstrates unparalleled performance in terms of throughput, scalability and reliability.
- **Market-Proven Technology** Our product is the most widely deployed SIP user agent in the world. Integrated into our own servers, the dynamicsoft User Agent has an established track record in carrier networks as well as specialized network deployments.
- **Development Tools** Our User Agent is much more than simply a SIP protocol stack. Our development tools enable you to create a SIP-enabled solution much faster than simply building it yourself. With sample application source code, signaling simulators and a comprehensive developer guide, we guide you through the development process from start to finish.
- **Superior Ongoing Support** TNT Systems, dynamicsoft's exclusive North American reseller, offers a range of consulting services from software integration to customized training. Our team of experts will help you meet your business objectives.

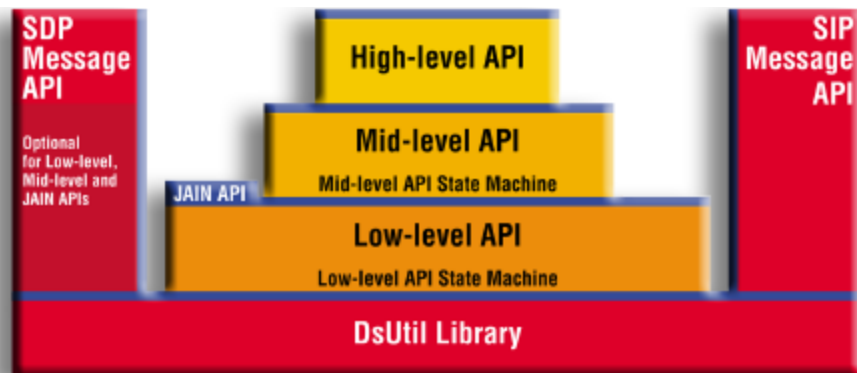
Our User Agent Empowers the Developer

dynamicsoft understands the challenges of building outstanding products in a fast-paced market. The dynamicsoft SIP User Agent can be used by developers with a wide range of skills and has the flexibility to meet the needs of an evolving market. To speed the development of your product our User Agent features:

Extensible Design As the industry thought leader, dynamicsoft is committed to addressing all aspects of the SIP standard as it continues to evolve. In addition to our comprehensive SIP implementation, the dynamicsoft User Agent has the ability to recognize new and user-defined headers. This powerful feature allows the developer to go beyond the baseline specification to support new extensions and custom applications.

Multi-Level API Our multi-level API enables both simple applications as well as more complex ones, matching the level of programming control to the specific application and the developer's SIP expertise.

High-level API - Session-based, with a direct interface to the SDP API, used for rapid prototyping



Mid-level API - Call-based, with a telephony interface, used for typical applications

Low-level API - Transaction-based, with a direct interface to the transport layer, useful for complex applications requiring full SIP control.

JAIN API - Support for the JAIN SIP API (JSR-032) is included with the SIP User Agent. This provides an alternate standard low-level API. In addition, our version offers optional integrated SDP support to supplement the JAIN specification.

Java and C++ Versions The dynamicsoft User Agent is available in purpose-built versions for both the Java and C++ programming languages.

Platforms Supported

Operating Systems

- Sun® Solaris™ 8
- Windows® 2000 Server
- Red Hat® Linux 7.2

Java™ Virtual Machine

- Java 2, v1.3

C++ Compilers

- GCC 3.0 and 3.2
- Microsoft® Visual C++ 6.0
- Microsoft® .Net C++ 7.0
- Sun Forte™ C++ 6

Comprehensive Developer Guides

Additional Development Tools

- Sample Application Source Code
- Signaling Simulators

SIP User Agent Key Features

- **Carrier-Class Performance**
 - Sustains high call throughput
 - Utilizes low memory per call
 - Maximizes system reliability
- **Supports All SIP Methods**
 - Recognizes INVITE, ACK, BYE, CANCEL, REGISTER, OPTIONS, and INFO
 - Provides extensibility to support new and user-defined methods
- **SIP For Telephony Support**
 - Allows the exchange of signaling information between media gateway controllers
 - Tunnels ISUP messages within SIP messages
- **Security**
 - Provides basic and digest authentication
 - Supports predictive nonces (Java Only)
- **Firewall-Capable**
 - Maintains session state for security firewalls (Java Only)
- **UDP and TCP Transport Support**
- **Record-Route Support**
- **Multi-Part MIME Support**
- **Fault Tolerant Network Support**
- **Java Version Features**
 - Persistent TCP, TLS and ICMP Support
 - SRV Records for Request and Response
- **C++ Version Features**
 - Session Timers
- **Reliable Provisional Response**
 - Supports RSeq and RACK and PRACK method
 - Supports Session Header and 183 Response for Caller Telephony Interaction

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For more information, contact sales@tntss.com

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