

# Sun Java™ Communications Suite

Designed for communication and collaboration



## Highlights

- High performance, scalability, and availability enable efficient and reliable communication
- Real-time indexing and search of communications content
- Enhanced security features protect the integrity of data and privacy of end users
- Multiple device support and secure remote access enable any time, anywhere availability of communication
- Open Internet standards and modular architectures enable expansion and extension to meet evolving business needs, providing the best investment protection
- Integrated suite enables collaboration between distributed communities
- Lower total cost of ownership than competing solutions



The costs, complexity, and risks resulting from the volume and diversity of communication can challenge the effectiveness of any business. The proliferation of electronic communication, with increasing numbers of users and a growing variety of applications such as email, instant messaging, audio and video conferencing, scheduling, and others, has vastly increased infrastructure complexity. And with this complexity comes the challenge of managing the costs of these services, not to mention the risks associated with communication itself — risks of information integrity and end-user privacy. Yet organizations today cannot survive without communication services.

Today's business environment brings organizations face to face with the challenge of balancing the need for information sharing with the risks and costs associated with electronic communication.

- Enterprises seek to improve employee productivity, customer satisfaction, and partner relationships by expanding communication services to broader user constituencies while at the same time securing and reducing the costs of these services.
- Service providers, while deploying a very different model, have much the same set of requirements: attract new customers — including enterprises — and retain existing customers through enhanced differentiated services while simultaneously controlling costs.

- Independent software vendors and other developers need to cost-effectively create innovative solutions by embedding or extending collaboration functionality into new, enhanced applications and services.

## The Sun Java™ Communications Suite

The Sun Java™ Communications Suite strikes that exact desired balance. It delivers the rich set of secure and cost-effective communication and collaboration capabilities required by a wide variety of organizations.

The Sun Java Communications Suite includes:

- Sun Java System Messaging Server
- Sun Java System Calendar Server
- Sun Java System Instant Messaging

- Sun Java System Connector for Microsoft Outlook
- Sun™ Convergence
- Sun Java System Communications Sync
- Sun Java Mobile Communications
- Sun Java Indexing and Search Service

### Java System Messaging Server — Providing secure, cost-effective messaging and message management services

The Java System Messaging Server provides a highly scalable, reliable, and available platform for delivering secure communication services at a low total cost of ownership. Scaling from thousands to millions of users, the Java System Messaging Server is suitable for both service providers and enterprises interested in consolidating email servers and reducing total cost of ownership of the communications infrastructure. With extensive security features, it helps ensure the privacy of users and the integrity of communication through user authentication, session encryption, content filtering to help prevent spam and viruses, and mechanisms to enable regulatory compliance.

### Java System Calendar Server — Delivering robust personal and group scheduling, task management, and contact management services

The Java System Calendar Server facilitates team collaboration by enabling users to coordinate appointments, events, tasks, and resources. It is a valuable tool for time and resource management. With an intuitive Web-based interface, support for multiple client solutions, and synchronization capabilities, users can access their personal, public, or group calendars anytime, anywhere, from any Web-enabled device.

## Java Communications Suite capabilities at a glance

Capability	Benefit
<p><b>Rich collaboration services</b></p> <ul style="list-style-type: none"> <li>• E-mail and message management</li> <li>• Calendaring and group scheduling</li> <li>• Task and contact management</li> <li>• Instant messaging</li> <li>• Real-time collaboration</li> <li>• Information sharing</li> <li>• Presence awareness</li> <li>• Rich extensible web user interface</li> <li>• Indexing and search of email content and attachments</li> </ul>	<p><b>Rich collaboration services can help:</b></p> <ul style="list-style-type: none"> <li>• Improve employee productivity</li> <li>• Enhance partner and customer experience</li> <li>• Improve partner and customer satisfaction</li> <li>• Improve internal processes</li> <li>• Facilitate decision making</li> <li>• Enable business growth</li> </ul>
<p><b>Extensive security features</b></p> <ul style="list-style-type: none"> <li>• Authentication</li> <li>• Identity-based access policy</li> <li>• Message and session encryption</li> <li>• Virus and spam protection</li> <li>• Extensive privacy options</li> <li>• Archiving and auditing</li> </ul>	<p><b>Extensive security features can help:</b></p> <ul style="list-style-type: none"> <li>• Protect information assets</li> <li>• Ensure end-user privacy</li> <li>• Facilitate regulatory compliance</li> <li>• Reduce risk of litigation</li> <li>• Enable business growth</li> </ul>
<p><b>Flexible access mechanisms</b></p> <ul style="list-style-type: none"> <li>• Sun Convergence — Web access</li> <li>• Microsoft Outlook interoperability</li> <li>• Wireless “push” e-mail</li> <li>• Mobile calendar, tasks, and contacts</li> <li>• Synchronization of calendar events, tasks, and contacts</li> <li>• Secure remote access</li> <li>• Voice integration with instant messaging</li> <li>• Mobile instant messaging</li> </ul>	<p><b>Flexible access mechanisms can help:</b></p> <ul style="list-style-type: none"> <li>• Improve employee productivity</li> <li>• Enhance partner and customer experience</li> <li>• Enable business growth</li> <li>• Improve internal processes</li> <li>• Facilitate decision making</li> <li>• Empower mobile work force</li> <li>• Reduce risks of remote access</li> </ul>
<p><b>Platform flexibility</b></p> <ul style="list-style-type: none"> <li>• Extensive industry standards support</li> <li>• Well-documented application programming interfaces (API)</li> <li>• Modular architectures</li> </ul>	<p><b>Platform flexibility can help:</b></p> <ul style="list-style-type: none"> <li>• Customize features and interfaces</li> <li>• Extend products with new capabilities</li> <li>• Access via any standards-based client software</li> <li>• Integrate with third-party components</li> </ul>

### **Java System Instant Messaging — Enabling secure, real-time collaboration with rich presence awareness and management**

Java System Instant Messaging provides a standards-based, real-time communication and collaboration application, as well as a platform for presence-based application development. It delivers presence information, voice and mobile client integration, and extended real-time messaging capabilities, including instant messaging, conferencing, alerts, news, polls, and file transfers. As both an application and a platform, Java System Instant Messaging provides the reliability and availability expected by end users and the security necessary to protect the privacy of information and meet regulatory requirements.

### **Java System Connector for Microsoft Outlook — Enabling end users to collaborate using Microsoft Outlook with the Java Communications Suite infrastructure**

The Java System Connector for Microsoft Outlook enables the use of Outlook as a desktop client on the Microsoft Windows platform with the Java System Messaging Server and Java System Calendar Server. The Java System Connector for Microsoft Outlook includes a Desktop Deployment and Configuration program and an Outlook plug-in.

### **Sun Convergence — Enabling Web-based access to email, calendar, tasks, presence, chat, and contacts**

Sun Convergence is an Ajax-based Web 2.0 client that provides integrated access to email, calendar, address book, and instant messaging services via a highly intuitive and richly functional user interface. Sun Convergence is truly the best of both worlds, bringing together the depth of features typically found only in desktop clients with the ease of deployment of a web-based client. Built with extensibility and customization in mind, Convergence can be deployed straight out of the box or modified to fit perfectly into any environment.

### **Java System Communications Sync — Enabling access to email, calendar events, tasks, and contacts on your multiple devices using tethered sync**

Java System Communications Sync allows users to synchronize email, calendar events, tasks and contact data from Java Communications Suite servers using tethered sync with a wide range of mobile devices providing anywhere, anytime availability to your valuable data.

### **Java Mobile Communications — Enabling over-the-air (OTA) synchronization of appointments, tasks, and contacts from multiple mobile devices**

Java Mobile Communications provides a standards-based over-the-air synchronization capability that enables users to synchronize calendar events, tasks, and contact data between Java Communications Suite servers and virtually any SyncML-capable client and device. Java Mobile Communications also supplies clients for non-SyncML devices and platforms, including Windows Mobile and Palm OS.

### **Java Indexing and Search Service — Enabling fast, efficient email search for today's data-intensive environment**

The Java Indexing and Search Service provides server-side indexing and search of communications content — including email attachments. The Java Indexing and Search Service enables nearly instantaneous results from complex searches such as cross-folder searches. Because it is deployed as a separate service, the actual search effort is offloaded from the messaging server. Additionally, any IMAP client that can communicate with the Java System Messaging Server can take advantage of this powerful search capability.

### **Developer tools**

In addition to the rich and secure set of communication and collaboration products it offers, the Java Communications Suite also includes Java Studio Enterprise and Java Studio Creator to facilitate the development of new, feature-rich applications.

### **Resolving challenges of electronic communications**

#### **Cost management**

The Java Communications Suite has the lowest total cost of ownership (TCO) of any major communication infrastructure platform. World-record benchmarking and well-tested customer deployments demonstrate its remarkable scalability and performance.

#### **Data and privacy protection**

Today, all organizations are rightly concerned with the security of electronic communication. Whether an organization is governed by industry regulations, government mandates, or other business requirements, protecting the integrity of communication and privacy of end users is a priority.

The Java Communications Suite offers features that protect data and privacy and facilitate compliance with government and industry regulations. These features include authentication mechanisms, message and session encryption, virus and spam protection, archiving and auditing, and extensive privacy options.

#### **Business growth and agility**

Most organizations are not in the business of electronic communication, but they do require email, calendaring, instant messaging, and other communication services to meet their business objectives. The Java Communications Suite provides the infrastructure to enable businesses to focus on core competencies.

### Investment protection

Support for open Internet standards, well-documented programming interfaces, and a modular architecture facilitate extension of the platform to meet the changing needs of dynamic business environments. Components of the Java Communications Suite provide building blocks for enhanced communication and presence-enabled enterprise applications. With the Java Communications Suite, IT organizations can easily provide the secure, reliable communication and collaboration services required to meet their specific business needs.

The Java Communications Suite is widely deployed by global and regional service providers, major global enterprises, large government agencies, and widely distributed university systems. With more than 240 million mailboxes sold and over 20 years of experience in communication deployments, the Java Communications Suite is a well-proven solution designed to meet the messaging and collaboration needs of all types of organizations.

Sun Services provides customers with technical support, software maintenance, migration and installation services, custom consulting, and comprehensive education to ensure a smooth transition to Sun's communication and collaboration products. In addition to its powerful communication and collaboration products, the Java Communications Suite also includes these Sun software products (with restricted licenses):

- Sun Java System Access Manager
- Sun Java System Directory Server
- Sun Java System Web Server
- Sun Java System Application Server

### Operating platforms and browsers

- Solaris 10 Operating System (including Solaris Containers support)
- Red Hat Enterprise Linux 5 (64-bit version)

### Browsers

- Mozilla
- Firefox
- Microsoft Internet Explorer
- Safari

For specific versions, refer to the product release notes.

Learn more

To learn more about the Java Communications Suite, visit [sun.com/comms](http://sun.com/comms).

To download and evaluate the Java Communications Suite go to the Sun download site at [sun.com/software/communications\\_suite/get.jsp](http://sun.com/software/communications_suite/get.jsp).