

Sun Java™ Application Platform Suite



Highlights

The Sun Java™ Application Platform Suite is a simple, predictable, and affordable platform for delivering enterprise applications and information to virtually any device.

- **Flexible:** An open and standards-based architecture which enables the enterprise to leverage existing IT investments while creating a service oriented architecture (SOA).
- **Secure:** End-to-end security including personalized delivery of applications and information based on a person's role, guaranteed uptime, and secure remote access.
- **Comprehensive:** Highly integrated applications that provide application, Web, and presentation services plus developer tools and support.
- **Proven:** Award-winning products and technology.

Meeting your IT business requirements

The Sun Java Application Platform Suite addresses today's business challenges and is responsive to constantly evolving business requirements. Increasing complexity and cost of IT infrastructure, proliferation of information silos, and a greater need for a secure yet accessible network mean that IT infrastructures need to be more flexible and adaptive than ever.

The Application Platform Suite enables businesses to quickly and efficiently develop and deliver personalized, Web-based content and services, providing authorized information through a single end-user experience and offering centralized, simplified administration. No need to "rip and replace" — this highly integrated, standards-based solution can increase return on investment (ROI) by wrapping and reusing existing key IT components. The Application Platform Suite enables a cohesive IT infrastructure that offers unsurpassed security, scalability, and application life cycle management, including all the tools and functionality needed to begin development and deployment of a service oriented architecture (SOA). Phase one for all mission-critical deployments should be the Java Application Platform Suite.

The Application Platform Suite offers essential capabilities and comprehensive features that enable IT organizations to develop, deploy, and manage applications for a broad range of servers, clients, and devices. Based on Java 2 Platform, Enterprise Edition (J2EE™) technology, these services maximize application reuse and developer collaboration.

Integration reduces costs

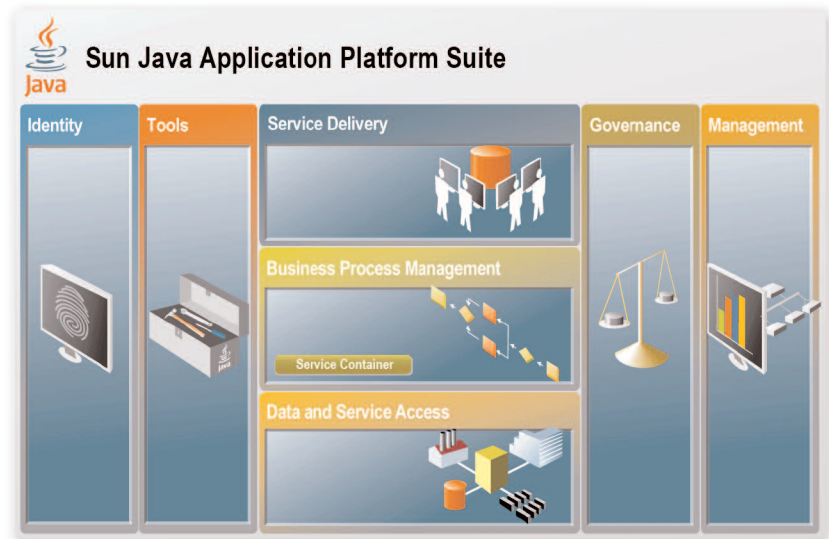
Many enterprises struggle to integrate their current IT infrastructures, which are comprised of multiple enterprise information systems that do not easily share data or services. This

often results in significant costs, as software licensing fees grow with the number of deployed applications — and there can be additional costs that are associated with maintenance tasks such as updates and patches, and training.

At a lower cost than ever before, businesses can enjoy a common user experience that simplifies access, operation, and management across applications. The Application Platform Suite provides the infrastructure needed to integrate applications, data, and services, extending access to employees, partners, customers, and suppliers. This allows enterprise developers to reuse existing data and services as needed. The Suite offers many integration points, based on industry-standard application programming interfaces (APIs), protocols, and technologies. This includes Java technology and Web services standards.

Building the SOA

The Application Platform Suite supports Sun's pragmatic approach to SOA — an integrated software infrastructure and design methodology based on best practices. Rather than rip and replace, SOAs can enable enterprises to extend and streamline existing IT investments. An SOA, when implemented effectively, can help enterprises better leverage and integrate IT assets, while increasing flexibility and improving reaction times to business transformations and opportunities.



The Java Application Platform Suite addresses today's business challenges and includes all the components needed to meet business requirements at every architecture level.

Sun's approach emphasizes incremental projects, quick returns on investment, and building out SOA infrastructures in phases. The goal is to minimize disruption to existing infrastructures and reduce initial risk, while gradually implementing Web services in measurable, consistent ways.

As a result of the rapid adoption of SOA and Web services projects, enterprises need to manage the resulting vast array of meta data that calls for organized storage and discovery to meet increasing scalability requirements. The Application Platform Suite ensures Web services governance through the Service Registry, which supports both Universal Description, Discovery, and Integration (UDDI) v3 and Electronic Business Extensible Markup Language (eXML) Registry 3.0 standards. Sun's Service Registry enables customers to publish, manage, govern, discover, and reuse services within a broad range of applications.

Secure, personalized application delivery

Protect company assets while extending reach and accessibility — secure universal access is critical to ensuring high usage rates of new applications and services. The Application Platform Suite enables secure access from outside the company firewall, from virtually any Web browser — and supports access from more than 4,000 mobile devices.

Security is designed into all Sun products, and the Application Platform Suite offers an unparalleled number of out-of-the-box security features. The Suite helps ensure compliance with new standards for protection of personal information and conformance with government regulatory requirements.

In addition to extending access to remote and mobile users, applications and services can be readily delivered based on users' roles and privileges for end-to-end security. With integrated directory and identity management, the Application Platform Suite enables seamless implementation of role-based access for customers, partners, and employees. Through

a single Web site entry, users are presented with customized views of applications and data according to their defined roles and access privileges.

Confidence in mission-critical deployments

The Application Platform Suite is built with components that consistently win awards for performance, scalability, and security. Applications and technologies are designed to maximize throughput and take advantage of both horizontal and vertical architectures, including those with the latest generation, multicore CPUs. Fast performance and high scalability mean optimal utilization of system resources, increasing the number of users and improving service levels, while decreasing risk. The Application Platform Suite manages business-critical application and transaction logic. Its highly available architecture — up to 99.999-percent uptime — helps assure the availability of mission-critical applications. The Suite provides security assurances with a mature code base, security code reviews, and security features which have resulted in a strong security track record — all while powering Web sites for some of the world's leading companies.

Proven suite

The Application Platform Suite excels against the competition by providing unmatched value in the most comprehensive platform for IT organizations worldwide, and includes these world-class infrastructure products:

- Java System Application Server Enterprise Edition
- Java System Web Server
- Java System Web Proxy Server
- Java System Portal Server
- Java System Portal Server Secure Remote Access
- Java System Portal Server Mobile Access
- Java System Message Queue
- Sun Service Registry
- Sun Java System Access Manager (Limited Use License)

- Sun Java System Directory Server (Limited Use License)
- Java Studio Enterprise
- Java Studio Creator

Service includes:

- One year of Standard or Premium Support (software maintenance and technical support)
- Sun™ Developer Network support for Java Studio Creator

Industry recognition

Visionary Quadrant in Gartner Magic Quadrant for Enterprise-scope Application Platform Suites, 2005: Yefim Natis, Massimo Pezzini, Daryl Plummer, Cameron Haight

Visionary Quadrant in Gartner Magic Quadrant for Web Services Platforms, 2005: David Mitchell Smith, Charles Abrams, Daniel Sholler, Daryl C. Plummer, Michele Cantara

Leader's Quadrant in Gartner Horizontal Portal Product Magic Quadrant, 2005: Gene Phifer, Ray Valdes, David Gootzit, Kim S. Underwood, Laurie F. Wurster*

Serious software, made simple

The Java System is a radical approach that changes forever the way businesses acquire, develop, and manage software. Only Sun has the experience and the end-to-end portfolio to deliver such a unique and industry-revolutionizing strategy — a simple, predictable, and affordable IT environment. With the Java Enterprise System, infrastructure solutions and critical business applications are up and running faster, easier, and at a lower cost than ever before, so you can focus on innovation, competition, and bottom-line results.

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Platforms and requirements

Operating systems and platforms

- Solaris™ 10 Operating System for SPARC® and x86 platforms
- Solaris 9 Operating System for SPARC and x86 platforms
- Solaris 8 Operating System for the SPARC platform
- Red Hat Enterprise Linux AS 2.1 and 3¹
- HP-UX 11i
- Microsoft Windows 2000, XP (for developers), 2003

Note: Detailed OS requirements, including required or recommended patches, are included in the product documentation.

System requirements

- Memory and disk space: Requirements are dependent on the specific components selected for installation. Refer to the respective component product data sheet for more detailed information on minimum and recommended levels.
- Java 2 Platform, Standard Edition (J2SE™) 5.0 (1.5.x)

Language support

The Java Enterprise System and Java System Suites are available in the following localized languages:

- English, French, German, Japanese, Korean, Spanish, Simplified Chinese, and Traditional Chinese. The Java Enterprise System and its component products conform to internationalization standards. Any exceptions are noted in component product release notes which can be found at docs.sun.com.

For more information

To learn more about the Java System Application Platform Suite or the Java Enterprise System, visit sun.com/javaenterprisesystem. To evaluate the Java System Application Platform Suite or other Java System Suites free for 90 days, visit Sun's download site at sun.com/software/javaenterprisesystem/application_platform_suite/index.xml.

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1. Sun Cluster software does not support Linux

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