

# The Solaris™ Operating System

What You Get With Solaris 10



## Highlights

Beyond all of the functionality you'd expect from an enterprise OS, the Solaris™ 10 Operating System (OS) includes the Sun™ and open source software you need to manage your data center, develop and deploy services, and be productive on your desktop — all at no extra cost.

- Provides integrated Sun Java™ Enterprise System components and the Sun Java Desktop System
- Includes 187 of the most popular free and open source software packages, many of which are supported by Sun
- Integrates developer tools such as GNU utilities and Perl and Python programming languages



More than just an operating system, Solaris 10 includes a wealth of additional software that lets you hit the ground running. The Solaris 10 OS includes licenses to run some of the most popular software components of the Java Enterprise System, Sun's revolutionary, subscription-based approach to infrastructure software. The following Java Enterprise System components are an integrated part of Solaris 10:

- *Java System Directory Server*: The industry's most widely deployed, general-purpose, LDAP-based directory server (Solaris 10 includes a license for 200,000 directory entries)
- *Java System Application Server*: A Java 2 Platform, Enterprise Edition (J2EE™) platform-compatible application server for developing and delivering server-side Java applications and Web services
- *Java System Message Queue*: A leading enterprise message server that lets you build and deploy sophisticated distributed services
- Office productivity through the StarOffice™ 7 Office Suite, which provides integrated word processing, spreadsheet, presentation, drawing, and database capabilities
- Additional desktop tools, including the Mozilla Web browser, instant messaging, and fully integrated Evolution e-mail and calendar software

To learn more about the Sun Desktop System for the Solaris OS, please visit [sun.com/software/solaris/javadesktopsystem.xml](http://sun.com/software/solaris/javadesktopsystem.xml).

### Sun Management Center

Solaris 10 includes the Sun Management Center base software package, which provides an element management system for monitoring and managing your Sun environment. This free base package delivers hardware monitoring, with open interfaces enabling information to be shared with leading enterprise management systems for unified infrastructure management.

Sun also offers three advanced add-on applications — System Reliability Manager, Performance Reporting Manager, and Service Availability Manager — that extend the monitoring capabilities of the base Sun Management Center software package. To learn more about the Sun Management Center software and add-on applications, please visit [sun.com/solaris/sunmanagementcenter](http://sun.com/solaris/sunmanagementcenter).

For customers wanting to try out additional suite components, the Solaris 10 media kit includes a full evaluation copy of the Java Enterprise System suite; this full evaluation copy can also be downloaded for free. To learn more about the Sun Java Enterprise System, please visit [sun.com/javaenterprisesystem](http://sun.com/javaenterprisesystem).

### Sun Java Desktop System

The Java Desktop System incorporates the best of open source innovation with significant contributions from Sun to give users a state-of-the-art, comprehensive, fully integrated desktop client environment. This highly economical, alternative desktop software solution delivers a wide range of functionality, including:

- A familiar desktop look and feel based on the open source GNOME desktop

## Included open source software

### Free and open source software

Sun has always believed in the power of collaboration and sharing. Not only do we contribute software to the open source community, we also help you leverage the power of free and open source software (F/OSS) by providing it to you up front, so you don't have to download, compile, test, and integrate the tools you need.

Solaris 10 includes 187 software products from the F/OSS community, including the following:

- Apache, Tomcat, and Zebra software for network and Web services
- Bison, GCC, Perl, and Python tools for software development
- IP Filter, TCP Wrappers, and Secure Shell utilities for security
- GNOME, Mozilla, and Evolution software for desktop usability

These free software components are either integrated directly into the Solaris 10 distribution or are included on the Solaris Software Companion CD. The CD is available as part of the Solaris 10 media kit, and is also available for free download as a single image or individual components. To learn more about freeware for the Solaris OS, please visit [sun.com/software/solaris/freeware](http://sun.com/software/solaris/freeware).

## Integrated development tools

Developers need integrated, ready-to-use tools that are compatible with all the environments on which they must deploy applications. With that in mind, Sun includes popular software tools from the F/OSS world and complements them with truly unique Solaris 10 utilities such as Solaris Dynamic Tracing (Dtrace).

F/OSS tools integrated into the Solaris 10 OS include the standard GNU development utilities, as well as must-have tools such as the Perl and Python programming languages. Library support includes UNIX® standard functions, as well as the most popular F/OSS libraries such as Glib, GTK, JPEG, PNG, Tcl/Tk, TIFF, XML, and zlib.

To learn more about Integrated Solaris Development Tools, please visit [sun.com/software/solaris/developer\\_resources.jsp](http://sun.com/software/solaris/developer_resources.jsp).

## Solaris 10 solutions — out of the box

With integrated Sun and open source software and tools, Solaris 10 gives you the technology, flexibility, and versatility you need to get down to business immediately — all at no extra cost.

### Running Web servers

If you want to do business in today's global economy, you need a Web services platform you can rely on. The Solaris 10 OS is optimized for Web services use, providing an enhanced TCP/IP stack and extensive security features. Furthermore, Solaris 10 includes open source Apache Web server software and the Tomcat Java servlet engine — fully supported by Sun — enabling you to deploy Web services right away.

### Running enterprise databases

Your business depends on around-the-clock data access, whether it's a customer purchasing a product online or an international division working in another time zone. From Oracle to MySQL, Solaris leads the industry as the database platform of choice for enterprise customers everywhere.

### Learn More

Get the inside story on the trends and technologies shaping the future of computing by signing up for the Sun Inner Circle program. You'll receive a monthly newsletter packed with information, plus access to a wealth of resources. Register today at [sun.com/joinic](http://sun.com/joinic).

## Running open source applications

If you're looking for a platform to run open source applications, look no further than Solaris. Not only is Solaris 10 a part of the open source movement, it includes 187 of the leading open source packages — compiled, ready to go, and in many cases supported by Sun.

## Running your grid

Whether you want to reclaim underutilized resources on your network or manage complex calculations over a broad range of systems, you should run your grid on the Solaris 10 platform. Extensive platform optimization gives you more compute cycles and allows you to process data at levels of performance and security that are second to none.

To learn more about how Solaris 10 enables you to manage your data center, develop and deploy services, serve applications or the Web, and be more productive on your desktop — right out of the box, please visit [sun.com/solaris/for\\_your\\_business.jsp](http://sun.com/solaris/for_your_business.jsp).