

Sun™ and Oracle Together

Vision, innovation, and market leadership



Oracle and Sun™ have worked together for over 25 years to deliver the ultimate in secure, reliable, and scalable enterprise-class datacenters to hundreds of thousands of companies around the world. With a shared commitment to open, standards-based computing and market-leading innovations, such as grid computing, Java™ technology, and the Solaris™ Operating System (OS), Sun is one of the market share platform leaders for Oracle Database and Applications.

Sun is the platform vendor of choice for Oracle deployments

Sun and Oracle are now a more potent combination than ever before. There is tremendous momentum behind the Solaris 10 OS. In addition, Sun x64 servers based on AMD Opteron™ and Intel® Xeon® processors, multi-core Sun Fire™ servers with CoolThreads™ technology, and the extensive Sun StorageTek™ portfolio — coupled with Oracle's application and database strength in the enterprise space and the pricing model for multi-core systems — provide new opportunities for users of Sun and Oracle technologies.

Why the Sun and Oracle alliance is better than ever

While the Solaris 10 OS and Oracle Database 10g and 11g run on Sun's x64 and SPARC® systems, providing unprecedented choice in platforms, the alliance offers a lot more:

- Oracle's pricing structure for multi-core based systems makes Sun a cost effective solution.
- Sun x64 servers—the fastest, most reliable, and energy-efficient industry-standard AMD Opteron or Intel Xeon servers with full multi-OS certification. They excel in scientific and floating-point environments and are an ideal choice for the Oracle Grid and Oracle Real Application Cluster (RAC) solutions.

- Sun's new Sun SPARC Enterprise servers running Solaris 10 provide mainframe-class features and industry-leading virtualization, advanced partitioning, binary compatibility, and investment protection. These servers are ideal for large consolidation, OLTP, business intelligence data warehousing (BI), and large SMP database applications.
- Sun Fire T1000 and Sun Fire T2000 servers with CoolThreads technology set a new industry standard for performance, space, and energy efficiency. These servers are an ideal, cost-effective solution for Oracle 10g and 11g environments, delivering great levels of power efficiency while running demanding workloads. Sun partners closely with Oracle to optimize application performance. For example, the first SPECjAppServer2004 results ever published by Oracle were on a Sun Fire T2000 server running Oracle Application Server 10g, which at the time set world record performance on the industry standard measure of Java application server performance.
- Solaris Cluster software improves manageability for Oracle RAC deployments for both SPARC and x64 platforms and delivers best-in-class high availability and performance to enterprise and database grid environments.

- Sun's extensive storage portfolio is certified and tested with Oracle to help ensure optimal performance, high availability, and accessibility of critical information assets.
- Oracle's ongoing commitment to leadership in the Java community.
- Sun has been using Oracle technology in its operations for over 25 years.
- Oracle relies on Sun products to run many of its own mission-critical applications and Sun is one of its preferred platforms.
- Oracle's comprehensive suite of BI solutions and robust database and tools running on Sun's highly scalable systems platform provide industry leading performance, scalability, availability, and security to meet the needs of demanding BIDW workloads.

Benefits

The ongoing collaboration between Sun and Oracle provides a number of direct benefits to enterprises:

- Smoother integration and interoperability between Sun and Oracle products — Joint engineering between Sun and Oracle helps ensure that Oracle software runs with peak performance, reliability, availability, and security on the Sun platform. And consistency in the use of industry standards helps the companies' products integrate, and interoperate.
- Lower solution prices — Oracle's multi-core pricing models leverage advancements in multi-core chip technology, providing the advantageous pricing for Oracle software.
- Blazing performance — With Java technology as the base for Oracle's applications, coupled with Sun's multithreaded Solaris OS, multithreaded servers, and best practices to tune storage,

the stage is set for exceptional Oracle application performance — a significant benefit for industries such as financial services, telecommunications, and government.

- End-to-end Oracle expertise — Sun validates, tests and supports the complete hardware stack that Oracle requires to run effectively — from servers to disk storage to tape.
- Sun's platforms are an excellent choice for Oracle Applications — These applications, including Oracle E-Business Suite, Siebel, PeopleSoft, JD Edwards, Hyperion, and Oracle Retail are all optimized for the Sun platform.
- Sun offers leading standards-based identity management solutions and federation services that are interoperable with business applications such as Oracle's Siebel CRM 8.0 with Sun's Java System Access Manager.

Oracle solutions on Solaris 10

Sun and Oracle work together to deliver unparalleled value, performance, and innovation in many areas of technology. Joint technology solutions include Grid, BIDW, and Oracle Applications running on Solaris 10 on both SPARC and x64 server platforms.

Grid Solution from Sun and Oracle — offers enterprise-class hardware and software to help maximize the power and economies of scale of grid computing with minimal cost and complexity. Sun's x64 and CoolThreads servers with reduced CPU-based licensing costs, Solaris 10, and Sun storage provide the ideal technology refresh platform to deliver enhanced manageability and scalability features for Oracle Database 10g and 11g.

Learn More

For more information on the Sun and Oracle alliance see:

- sun.com/oracle
- sun.com

BIDW from Sun and Oracle — Sun's complete offering for the BIDW industry builds on the enterprise-class, virtually unparalleled security and scalability of the industry's #1 UNIX® OS, Solaris 10. In addition, the Oracle Optimized Warehouse on Sun provides a comprehensive set of data warehousing solutions that enable IT planners and architects to start from a *best-fit* reference configuration when building a data warehouse.

SunSM Solution Centers

Sun and Oracle operate jointly staffed global solutions centers that provide technical expertise and assistance with system sizing and configuration, optimization, and capacity planning. Sun and Oracle's team of experts work with IT staff to match the right system to specific needs.

Sun's commitment to developing and testing end-to-end solutions to help ensure the reliability and speed the deployment in Oracle environments is unwavering. Sun continues to undertake extensive proof of concepts, such as the Oracle Optimized Warehouse Reference Configurations that test Oracle extensively in Sun server and storage environments — proving once again how Sun and Oracle work together to make the alliance even better.



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