



SAS® 9 on Solaris 10™

Choice & Innovation for Better Business Intelligence on Sun x64 Systems



Continuing the momentum of a 19 year history of innovation and joint business and technology collaboration, SAS and Sun have achieved a new milestone in meeting their clients demanding and rapidly changing business and technology goals. SAS® 9 data integration, intelligence storage and advanced analytics solutions are now available on the Solaris™ 10 Operating System (OS) for x64 servers powered by AMD Opteron™ processors.



THE POWER TO KNOW.

Highlights

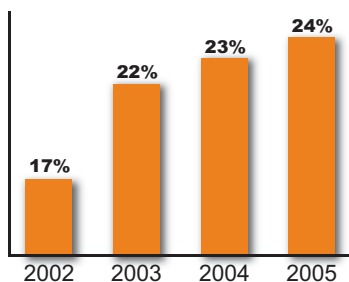
- Sun and SAS have a comprehensive and collaborative 19 year business and engineering relationship.
- Solaris 10 OS is a robust and proven operating system and is the best enterprise deployment platform for SAS 9 applications.
- SAS 9 data integration, intelligence storage and advanced analytics on the Solaris 10 OS for x64 servers provides a robust and cost-effective solution to meet the needs of today's demanding BI workloads.
- Key features of the Solaris 10 OS provide the security, performance, reliability, availability, and manageability required for SAS 9 applications.
- Sun Solution Center for SAS Competency can help to mitigate risk and time to implementation for SAS solutions on Sun.
- Sun Client Solutions provides a portfolio of services to help architect, implement and manage the optimal SAS and Sun solution.

SAS 9 on the Solaris 10 Operating System for x64 systems

SAS 9 provides an integrated platform for delivering enterprise intelligence. By providing insight into vast amounts of data, you can make faster, more accurate decisions to help innovate and optimize your business to meet strategic goals and attain a competitive advantage.

The combination of the number one UNIX® operating system — Solaris 10 OS and Sun's low-cost, energy-efficient, x64 servers powered by dual-core AMD Opteron processors, creates a robust platform that can cost-effectively deliver the performance needed to meet today's demanding business intelligence (BI) workloads.

SAS and Sun have a comprehensive and collaborative 19 year business and engineering relationship. The Solaris OS has been the leading UNIX platform for SAS applications for almost a decade.



Year to Year Growth for SAS on Solaris

Driving innovation with the Solaris 10 OS

When it comes to different platforms, Solaris is Solaris. Whether running on SPARC® or AMD Opteron processor based systems, it provides the same features and functionality. The Solaris 10 OS is supported on more than 700 x64/x86 based systems from top manufacturers, including Sun, Dell, HP and IBM and provides a scalable, secure and proven platform for SAS 9 applications.

The advanced security features of the Solaris 10 OS such as Solaris™ Process Rights Management and Secure Execution allow you to protect your enterprise.

Working in conjunction with Solaris Containers you can safely consolidate multiple SAS 9 applications onto a single server to more efficiently utilize resources and bring data and processing closer together.

Solaris™ ZFS is the first 128-bit file system automating many common tasks that system administrators perform, protecting data from corruption and providing virtually unlimited scalability.

With Predictive Self Healing you can automatically diagnose, isolate, and recover from faults to help reduce the amount of downtime associated with diagnosing problems.

“The Sun Fire X4500 unit is an ideal platform for optimal SAS data storage in that it provides parallel access to multiple drives while giving the SAS Scalable Performance Data Server (SPDS) the ability to control drive utilization. Unlike larger, more expensive storage solutions, the Sun Fire X4500 in concert with ZFS reduces interference between SPDS and the spindles. Excellent performance was achieved with read times in the range of 1GB/sec. The Sun Fire X4500 is well suited for SPDS based on cost, control, and performance.”

Joseph Costanzo

CTO, Zencos Consulting LLC

And integrating multiple SAS applications into a seamless whole is significantly easier with DTrace, which can also help pinpoint bottlenecks to help increase performance.

Enhanced BI performance with Sun x64 servers

Sun continues to stay ahead of the competition with the industry's fastest, most scalable, and energy-efficient 16-way servers powered by AMD dual-core Opteron processors. The Sun x64 server family provides leading performance at a lower cost, using less space and power compared to the competition.

The Sun Fire™ X4200 and X4600 Servers provide a scalable and flexible platform for SAS applications which have high compute or throughput requirements such as SAS High Performance Forecasting and SAS Enterprise Data Integration Server. Sun Blade™ 8000 Modular Systems make it a smart choice for SAS Grid enabled solutions. These systems can be provisioned to run other workloads when data integration and data mining activities are not taking place.

An integrated solution for applications and data

The Sun Fire X4500 Server combines the functions of a high-performance, four-way x64 server, network fabric and switch, and the highest density storage available, with up to 24 TB in 4U of rack space, into a single integrated system. This system delivers extremely high data throughput rates for about half the cost of traditional solutions.

Sun Solution Center for SAS Competency

Located in Menlo Park, California the Sun Solution Center for SAS Competency offers a

Learn More

To learn more about the Solaris 10 OS and Sun x64 servers for SAS 9, visit:

www.sun.com/sas

www.sun.com/solaris

www.sas.com

www.enterprise.amd.com

unique collaborative environment for evaluating and assessing SAS on Sun solutions. The solution center is designed to help you make informed investment decisions and build and test prototype solutions before implementing them. Working with Sun and SAS technical experts, you can try out design concepts, size systems, test performance, and see working prototypes on Sun equipment. By sharing knowledge and best practices, all of the participants create a technology solution that really works, which reduces your risk and speeds time to implementation.

BIDW workshops and services

Sun Client Solutions provides a portfolio of workshops, training, design services, and consulting to help deliver SAS solutions on Sun.

Conclusion

SAS and Sun are continuing the momentum of a 19 year history of innovation and joint business and technology collaboration by providing companies with high performance and cost-effective business intelligence solutions. The Solaris 10 OS is a robust and proven operating system and is the best enterprise deployment platform for SAS 9 data integration, intelligence storage and advanced analytics applications.



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