COMPUTE MORE, SPEND LESS:
SOLARIS OPERATING SYSTEM
ON DELL POWEREDGE SERVERS
Simplifying IT

Dell is expanding the range of enterprise-class operating systems to offer more choice and flexibility, thereby enabling you to drive standardization in the data center. Dell is Simplifying IT by making it even easier to acquire an integrated Solaris-based solution — now you can get Solaris certified Dell platforms. Dell is offering a Unix-based Operating System to Dell customers on Dell™ PowerEdge™ Servers.

The Solaris™ Operating System is available directly through Dell, enabling enterprise Unix users to reduce complexity and lower operational costs through an x86 solution. The Solaris OS and Solaris Subscriptions are an excellent choice for IT Infrastructures that have applications demanding reliability, security, scalability, performance, and integrated virtualization.

THE DELLE DIFFERENCE

ENERGY OPTIMIZATION
Energy efficiency is an essential feature for all Energy Smart PowerEdge Servers. With the introduction of the next generation of Energy Smart servers, Dell is moving towards helping reduce server power draw and the resulting system heat. Dell’s Energy Smart servers provide additional gains in both power efficiency as well as performance per watt, which can help maximize server resources. Additionally, Solaris and the Intel® Xeon® processor 5500 series work together to provide outstanding power efficiency and performance.

OUTSTANDING PRICE PER PERFORMANCE
PowerEdge servers offer outstanding price/performance and performance/watt, helping reduce TCO and optimize your budget. The Solaris OS takes advantage of the Intel Xeon processor 5500 series, including Intel Hyper-Threading Technology, Intel Turbo Boost Technology and the new Intel QuickPath Technology resulting in significant performance improvements.

PROTECTING YOUR DATA
Recognizing the importance of information security, Dell PowerEdge servers offer security features to help ensure the confidentiality, integrity, and availability of data. Some security features include a locked-down internal USB port, chassis intrusion switch, locking cover mechanisms, and built in Trusted Platform Module (TPM) that enables system authentication, assists with encryption, and helps prevent tampering. Combine these with Solaris OS and you can have a secure, reliable, robust IT infrastructure.
Dell & Solaris: Enhancing Customer Choice and Efficiency

Enable Customer Choice
With Solaris now part of the operating system solution portfolio, Dell has the flexibility to provide the operating systems needed for your infrastructure, with a standards-based approach to provide the versatility needed for today and tomorrow.

Certified to Be Business-Ready
Our partnership with Sun allows Dell to bring business-ready solutions to Solaris customers, helping to reduce complexity and risk as well as lower operational costs. Dell Global Infrastructure Consulting can help with migrations to Solaris. Whether a customer is migrating from a RISC hardware platform or just looking for an alternative open source solution, Dell has the answer. For a complete list of Dell™ PowerEdge™ Servers that are certified and supported, visit DELL.COM/OSSupport or Sun’s website at sun.com/solaris/dell.

Compute More, Spend Less
Dell is committed to helping our customers run IT infrastructures more efficiently and helping lower operating costs, thereby enabling our customers to drive more innovation in their business. With Dell’s strong history and leadership in standards-based solutions, customers now have the flexibility to utilize Solaris on Dell’s systems to implement their solutions, providing a sustainable infrastructure environment and supporting business growth.

What is Solaris Certification?
In order to get support from Dell or Sun for Solaris, you must be using a certified server. Dell systems that have been certified for Solaris have gone through rigorous testing standards as determined by the Hardware Certification Test Suite (HCTS). Dell Systems listed on Sun’s HCL as “Certified” have been tested and validated by Dell and Sun engineering teams and have met the certification test criteria. Systems listed on Sun’s HCL as “Reported to Work” have not been validated by Dell and Sun, and are therefore not supported.
SIMPPLY PUT
Dell is dedicated to helping you reclaim time and resources through IT simplification by partnering with industry leaders such as Sun. Dell can provide end-to-end solutions, with a single source and point of contact for hardware, software, and services with ongoing support. In a time when many providers aspire to do everything, we focus on IT infrastructure services excellence.

STRENGTHS OF SOLARIS

SOLARIS SOURCE COMPATIBILITY
The Solaris OS is built from a single source base and features the same programming interfaces on any supported platform. This means that applications developed for SPARC systems can be easily recompiled for x86 systems and vice versa. See sun.com/solaris/guarantee.jsp for more information.

PREDICTIVE SELF-HEALING
The Solaris Operating System (OS) introduces a new architecture for building and deploying systems and services capable of Predictive Self-Healing. This feature has advanced background error detection, correction, and recovery, which proactively offline components before system failure.

SOLARIS ZFS™
The Solaris ZFS file system is designed from the ground up to meet the emerging needs of a general-purpose file system that spans the desktop to the data center. ZFS is highly scalable and provides excellent performance with end-to-end data integrity.

SOLARIS DTRACE™
Designed to be more powerful than any diagnostic tool, DTrace is an excellent dynamic tracing framework for troubleshooting your network and tuning system performance in real time. DTrace lets you see your entire system in a way that reveals systemic problems that were previously invisible and fixing performance issues that used to typically go unresolved.

COLLABORATION AND INNOVATION
Sun and Intel have a history of working together to ensure that the Solaris OS is optimized to unleash the power and capabilities of current and future Intel Xeon processors. Additionally, Sun and Intel collaborate to ensure that the Solaris OS on Intel Xeon processor-based systems provide businesses with powerful innovations for increased performance, higher energy efficiency, better virtualization and reliability—all of which provide maximum datacenter effectiveness for improved business capability and reduced costs.

ADVANCED SECURITY
The Solaris OS is designed to provide comprehensive, in-depth security, helping to protect the enterprise at multiple levels. Specific features include Solaris Containers technology for application isolation, Secure by Default for system/network hardening, Solaris Process Rights Management, and an encryption infrastructure that makes it easy for applications to take advantage of high-grade cryptographic algorithms and acceleration hardware.

SIMPLIFY OPERATING SYSTEMS AT DELL.COM/Solaris

Dell ProSupport
Dell ProSupport² is a suite of professional support services designed to address the technology challenges you face today. The Dell ProSupport portfolio can provide:

• Expertise for specialized applications and technology, such as the Solaris Operating System
• Proactive problem avoidance services to help ensure you achieve maximum uptime
• Rapid response to help reduce unplanned downtime
• Tech-to-tech support with Fast-Track Dispatch for certified IT professionals

To get started, simply choose the Dell ProSupport for IT service model designed for IT professionals like you, and then take advantage of the Dell ProSupport Options available. Visit DELL.COM/ProSupport to learn more.

¹Features available on select PowerEdge servers and vary by region.
²Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.