



# Solaris\* to Linux\* Migration with SUSE® Linux Enterprise Server and IBM

You're ready to consider alternatives to the cost of Solaris\* software and hardware. But you can't compromise on performance or reliability. With Solaris to Linux\* Migration from Novell and IBM, you can replace your expensive and inflexible Solaris systems with a proven Linux platform that powers the mission-critical workloads that drive your business. If you're ready to lower costs and reduce complexity, follow the proven migration path to SUSE® Linux Enterprise Server with IBM today.

### Considering a Move to Linux? Now Is the Time

Businesses worldwide are lowering costs, managing complexity and mitigating risk—all by migrating from Solaris to Linux. In today's fast-moving marketplace, you need freedom from vendor lock-in so you can reap all the benefits of the latest technology. Your IT solutions need to be agile, so your business can respond quickly to opportunities. But if your budget is tied up in expensive Solaris technology, you can't focus on the innovations that will keep your organization competitive. That's why it's time to make your move and free yourself from costly and inflexible hardware and software. It's time to unleash your data center with SUSE Linux Enterprise from Novell running on IBM\* Systems.

### Your Next-generation Data Center Is Closer than You Think

Based on SUSE Linux Enterprise Server, Solaris to Linux Migration combines the reliability, performance and scalability of Solaris with lower total cost of ownership (TCO), better interoperability and greater flexibility. SUSE Linux Enterprise Server provides a low-risk, high-value foundation for growth because it is already supported by thousands of software and hardware products and has been deployed with excellent results in the most demanding IT environments. Only our Solaris to Linux Migration solution, powered by SUSE Linux Enterprise Server with IBM Systems, offers a complete platform for the mission-critical workloads that drive your business.

#### ■ Solutions:

Data Center

#### ■ Products:

SUSE Linux Enterprise Server

SUSE Linux Enterprise Server for System z

SUSE Linux Enterprise Server for IBM Power Systems



**“Novell was compelling because SUSE Linux Enterprise Server has the endorsement of IBM and many big companies. Novell knows how to support a company like ours that is large and geographically dispersed. It is critical for us to have a vendor who can provide enterprise-wide support.”**

#### Tim Toews

Senior Vice President and CIO  
Office Depot



You don't have to endure spiraling costs to develop a world-class data center. Our solution enables you to achieve unsurpassed performance with unbeatable value. Lower costs, increase flexibility and responsiveness, and reduce management complexity with Solaris to Linux Migration.

### **Unsurpassed Performance and Unbeatable Value**

#### ***Performance That Matches Traditional Solaris***

You insist on proven reliability, performance, scalability and usability from your data center systems. Our migration solution delivers all of the capabilities you expect from Solaris, but without the high hardware and software costs that stifle innovation and growth. When you deploy Solaris to Linux Migration from Novell with IBM Systems you get:

- **Rock-solid reliability and availability for mission-critical deployments.** *Our solution keeps your data center running around the clock. A recent Yankee Group survey of 400 companies found that SUSE Linux Enterprise Server delivers 35 percent less downtime than Solaris. It's so reliable that the German Air Traffic Control runs its mission-critical radar processing on it.*
- **Outstanding performance for demanding workloads.** *SUSE Linux Enterprise Server delivers the performance of traditional Solaris at commodity hardware prices. It provides advanced memory management and processor support, Native POSIX Thread Library (NPTL) and advanced I/O capabilities. It also supports the latest network-acceleration technologies to gain network performance for I/O intensive applications (Intel I/OAT).*
- **Unparalleled scalability for your largest deployments.** *SUSE Linux Enterprise*

*Server offers the greatest scalability of any operating system in the world. It more than equals Solaris platforms in its ability to run large-scale server deployments, supporting up to 1,024 processors and up to 10 TB of RAM. This flexibility ensures that no matter how large your enterprise becomes, SUSE Linux Enterprise Server will support you every step of the way.*

- **Familiar administration tools that provide excellent usability.** *Because administration tasks in SUSE Linux Enterprise Server are similar to those found in Solaris, your Solaris administrators will experience a smooth transition, ensuring high productivity, rapid time to value and lower administration costs.*

#### ***Designed for Mission-critical Workloads***

Our Solaris to Linux Migration solution runs your most important workloads. We work closely with IBM to enhance Linux platform functionality and to provide optimal support for SAP\* enterprise applications, Oracle\* Database, RAC and OCFS2, and hundreds of IBM applications such as IBM DB2\* and WebSphere\* Application Server. And SUSE Linux Enterprise Server has been proven in the IT environments of some of the world's largest companies—so no matter how big or small your company, we'll have a migration solution that will meet your needs.

#### ***Lowers Costs***

You don't have to endure spiraling costs to develop a world-class data center. Our Solaris to Linux Migration solution enables you to lower costs because it runs on a broad range of hardware that all offer better price/performance than RISC-based systems. Its unmatched interoperability enables multiple-platform consolidation so you can leverage your existing IT investments. It also includes integrated Xen\* virtualization capabilities and our High Availability Storage Infrastructure at no extra cost. And of course, it replaces costly Solaris licenses and maintenance with lower-cost Linux subscriptions.

## Why Choose Novell and IBM for Solaris Migrations?

With Solaris to Linux Migration, you get the most robust capabilities for mission-critical computing. When you migrate your edge and infrastructure; application and middleware; and mission-critical database workloads to SUSE Linux Enterprise Server, you will lower costs; increase flexibility and freedom; and reduce management complexity. Our Solaris to Linux Migration solution includes the following benefits:

- *Linux runs on five different architectures, including x86-based servers and System z servers, that offer better price/performance ratios than UNIX\* on older RISC-based systems.*
- *Save 50–80 percent on license and maintenance costs.*
- *Physical to virtual (P2V) UNIX to Linux migrations using virtualization technology increase server utilization. Virtualized Linux servers obtain near-native performance levels.*
- *Solaris to Linux migration provides enterprises with open source software applications previously unavailable to them, thereby providing opportunities to further reduce software licensing costs.*
- *Linux allows customers to choose from several hardware architectures,*

*increasing business agility and reducing vendor lock-in.*

- *SUSE Linux Enterprise Server subscriptions are generally lower priced than Solaris subscriptions*
- *SUSE Linux Enterprise Server is supported as a guest on all major hypervisors and hosts many more guests than Solaris*
- *More than 50 percent of Solaris/SPARC\* users have indicated that they will not migrate to Solaris 10 on x86†*
- *High degree of interoperability with other platforms, particularly Windows\**
- *Support for systems management tools for other vendors' platforms: Linux, UNIX and Windows*
- *High ISV support with more than 3,000 certified applications*
- *World-class technical support*

## Your Next-generation Data Center Is Waiting

You're ready to increase the flexibility and responsiveness of your data center, lower technology and administration costs, and free yourself from vendor lock-in. You can achieve all of that—by taking advantage of proven data center technologies when you deploy Solaris to Linux Migration from Novell. Contact Novell or your Novell partner today to learn more, or visit us online at: [www.novell.com/linux/unixtolinux/](http://www.novell.com/linux/unixtolinux/)

## Solaris to Linux Migration with SUSE Linux Enterprise Server and IBM

[www.novell.com](http://www.novell.com)

The time is right to free yourself from expensive and inflexible technology. Our Solaris to Linux Migration solution:

- **Matches Solaris performance and reliability**
- **Supports your mission-critical workloads**
- **Lowers hardware, software and management costs**
- **Enables easy migration with world-class services and support**

---

† Gartner, February 2009

“The performance of SUSE Linux Enterprise has been tremendous. We can deploy servers and applications with confidence in our 24/7 business where downtime is not an option. SUSE Linux Enterprise is a stable, secure and financially compelling solution.”

**Tim Toews**  
*Senior Vice President and CIO*  
Office Depot

[www.novell.com](http://www.novell.com)



Contact your local Novell®  
Solutions Provider, or call  
Novell at:

1 800 714 3400 U.S./Canada  
1 801 861 1349 Worldwide  
1 801 861 8473 Facsimile

**Novell, Inc.**  
404 Wyman Street  
Waltham, MA 02451 USA

