



## Solaris 10 x64 Subscriptions with Support from HP Technology Services

Gain the benefits of industry-standard HP ProLiant servers and one-call support

### Are you capitalizing fully on industry-standard servers?

To drive out costs and improve IT agility, data center administrators are increasingly turning to industry-standard rack and blade servers. This trend is driven by the realization that industry-standard servers can provide more operating system choices, greater flexibility, and the right combination of energy efficiency and performance—all at the right price.

That has long been the case with HP ProLiant servers, the world's best-selling brand of x86 servers.<sup>1</sup> And today, the range of choices for HP ProLiant systems gets even better. You can now buy ProLiant servers with Sun Solaris 10 x64 Operating System (OS) subscriptions with support from HP Technology Services—for a one-stop computing solution.

### HP and Sun: building on a long-standing relationship

Since 1996, HP has supported and certified HP ProLiant servers on the Sun Solaris x86 server operating system. During that period HP has maintained a close Solaris software engineering relationship with Sun, receiving and testing weekly builds of future Solaris x86 releases and certifying servers on Solaris x86.

<sup>1</sup> Source: IDC Worldwide Quarterly Server Tracker, December 2008. IDC noted that HP ProLiant is the x86 server market share leader in both factory revenue and units, shipping one out of every three servers in this market.

#### A one-stop solution

- Purchase servers, storage, subscriptions, and support from a single vendor
- Simplify operations through one-call server and OS support
- Count on HP to take complete ownership of problems and issue resolution
- Gain peace of mind knowing HP and Sun stand behind your environment

Today, HP and Sun are expanding the scope of this successful Solaris software engineering partnership. With the arrival of Solaris 10 x64 Subscriptions with Support from HP Technology Services, you can now obtain a complete computing solution, including support for both the Solaris Operating System and HP ProLiant servers, from a single, trusted vendor—HP.

This stronger Solaris x86 partnership makes it even easier to run Solaris on ProLiant servers. HP sells and supports the operating system on certified ProLiant servers. Sun, in turn, provides patches and updates directly to HP customers through Sun Connected Services.

In addition, HP and Sun have agreed to work together to enhance the experience for customers running Solaris on ProLiant servers, in part by enabling tighter integration between the Solaris Operating System and HP management tools. And as part of this relationship, HP is increasing its participation in the OpenSolaris community.

The relationship between HP and Sun means you can deploy Solaris 10 on certified ProLiant servers with the confidence that HP and Sun are committed to meeting your needs for years to come—from ongoing operating system upgrades to consolidated hardware and software support.

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#### Achieving the benefits at BT Vision

Growing numbers of companies are realizing the benefits of running the Solaris Operating System on HP ProLiant servers. That is the case with BT Vision, British Telecom's national television service.

BT Vision runs key Solaris-based applications on HP BladeSystems. The company moved its Solaris-based applications to the HP environment to take advantage of the BladeSystem's rich set of features and benefits—including ease of deployment, stability, reliability, performance, management tools, and HP support.

"We currently have half a million users on the platform," said Philip Buckley-Mellor, designer, BT Vision. "We are within our space and power budget and our financial budget as well. None of that would have been possible without the HP BladeSystem."

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## Compelling new features in Solaris 10

Solaris 10 delivers the performance, stability, and security required for a wide range of computing needs—from the Web tier to the data warehouse to demanding technical compute applications. It offers a long list of new features that resulted from input from Sun customers and the OpenSolaris community. These features include:

#### DTrace

DTrace, or dynamic instrumentation and tracing, helps you see what is really going on in the system. This powerful tool gives you a comprehensive view of the entire system, from kernel to application, even those running in a Java™ Virtual Machine. This level of insight reduces the time required to diagnose problems from days and weeks to minutes and hours—and ultimately reduces the time to fix those problems.

#### Solaris Containers

Solaris Containers is an OS-level virtualization technology built into Solaris 10. Containers allow multiple private execution environments to be created within a single instance of the Solaris OS. Each environment has its own identity, including a discrete network stack, separate from the underlying hardware, making consolidation simple, safe, and backed by enhanced security features. With Solaris Containers, your system administrators can easily meet changing requirements and maintain predictable service levels by quickly provisioning new Solaris operating systems.

#### Solaris ZFS (Zettabyte File System)

Solaris ZFS is a 128-bit file system that uses pooled storage, 256-bit checksums, and self-healing capabilities to improve data integrity and performance. If you have ever lost important files, run out of space on a partition, spent weekends adding new storage to servers, tried to grow or shrink a file system, or experienced data corruption, you know the limitations of conventional file systems and volume managers. Solaris ZFS addresses these challenges efficiently and with little manual intervention.

#### Predictive Self Healing

Predictive Self Healing through the Solaris Fault Manager and Service Manager automatically diagnoses, isolates, and helps you recover from many hardware and application faults. As a result, your business-critical applications and essential system services can continue uninterrupted in the event of software failures, major hardware component failures, and even software configuration problems.



**Work with a technology leader**  
HP is the only original equipment manufacturer (OEM) to deliver branded Solaris support services with enterprise-class servers, storage systems, software, subscriptions, and support. This means you can now turn to a single vendor to gain a complete solution for running Solaris on the world's leading industry-standard servers.

## Gain more value with HP ProLiant servers

When you deploy Solaris 10 on HP ProLiant servers, you are moving forward with a proven computing combination on a trusted platform. Today HP offers the industry's broadest selection of Intel® Xeon® and AMD Opteron™ industry-standard servers supported and certified on Solaris x86 operating systems.

To complement your computing solution, HP offers a broad line of disk storage systems that support Solaris 10 on ProLiant servers. These offerings include the HP StorageWorks Modular Smart Array (MSA), Enterprise Virtual Array (EVA), and XP disk array. In addition, Sun has certified a wide range of ProLiant servers and HP StorageWorks systems for use in Solaris Clusters.

What is more, ProLiant servers are available with an extensive selection of management tools, virtualization software, networking products, and service and support offerings. Add in HP close collaboration with world-class independent software vendors and systems integrators and you have a server that you can run with the utmost confidence.

When you are running Solaris on HP ProLiant systems, you can manage your servers through HP Systems Insight Manager and its agents. In addition, you can take advantage of HP Integrated Lights Out (iLO) software for remote management, support for RAID configurations, and various other ProLiant capabilities.

Looking ahead, HP is working with Sun to improve the management of Solaris with HP management tools and to make ProLiant servers integrate more efficiently with the Sun Fault Management Architecture and its Predictive Self Healing capabilities. This type of collaborative work stems from the HP-Sun agreement to work together to enhance the customer experience for organizations running Solaris on ProLiant servers.

## Worried about support? HP has you covered

When you run Solaris on HP ProLiant servers, you have access to a wide range of HP hardware and software services, including subscriptions to receive new software versions and updates from Sun.

HP software support services provide your organization with fast reliable access to an HP engineer who works with your staff to provide advice on software features and use, problem diagnosis and resolution, software defect identification, and problems encountered with installation. A virtual network that links support centers enables calls to be routed to specialists with the right skills to address your problems, wherever the specialists are based.

These service options also provide electronic access, through the Web, to comprehensive support information. This makes it easy for members of your IT staff to locate essential product and support data, whenever they need the information.

In addition, HP has formal escalation processes in place to help you solve complex software problems. Your local HP Technology Services team coordinates problem escalation, rapidly enlisting skills of second- and third-level experts throughout HP and, where appropriate, selected third parties.

Combined hardware and software support services—such as HP Support Plus, HP Proactive 24, and HP Critical Service—further extend the value that HP provides. Through these services, HP engineers work with you to identify problem areas and help resolve complex interoperability issues. These are among the keys to increasing the availability of your IT infrastructure.

And should you require assistance with larger technology transition programs, HP has the expertise you need. EDS, an HP company, provides comprehensive migration and application modernization services. If you are concerned about the applications running on your servers or how to actually migrate to the new hardware, HP has a complete modernization service portfolio that can help you make a smooth transition.

## To learn more

Working closely with Sun, HP has brought market leadership, industry-standard innovation, and greater manageability to organizations running Solaris on ProLiant servers. When you make this choice, you can be confident that HP can deliver a complete computing solution—including the support that covers both the operating system and the server.

For more information on Solaris 10 x64 Subscriptions with Support from HP Technology Services, including lists of ProLiant servers and HP StorageWorks MSA, EVA, and XP disk arrays that are certified for Solaris 10 and Solaris Clusters, visit [www.hp.com/go/solaris](http://www.hp.com/go/solaris)

## Technology for better business outcomes

To learn more, visit [www.hp.com/go/solaris](http://www.hp.com/go/solaris)

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