

BUSINESS BENEFITS

WITH SUN SOLUTIONS, YOU CAN ACHIEVE...

50% to 80% decrease in footprint
70% to 80% increase in server utilization
30+% decrease in power consumption

A BUSINESS STORY

Sun's open-source solutions helped the NCMEC to heighten its overall operational performance in the following ways:

- > Managed five-times the number of servers while maintaining a highly reliable infrastructure with the same number of administrative employees
- > Improved processing capacity without adding to power costs
- > Enhanced user productivity by automating manual tasks
- > Increased recovery rate of missing children from 66% to 96% over ten years
- > Optimized system throughput in mission-critical systems
- > Rapidly processed data, making it accessible to law enforcement more quickly

OPEN SOURCE

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OPEN, SECURE, EFFICIENT



The National Center for Missing and Exploited Children (NCMEC) is a nonprofit organization that works in cooperation with the U.S. Department of Justice. In order to achieve optimum performance on mission-critical systems, NCMEC used Sun SPARC® servers to process data rapidly, making it accessible to law enforcement as quickly as possible and maintain highly reliable infrastructure without increasing administrative costs or complexity.

To deliver the highest levels of performance and ensure system reliability and security, NCMEC continually upgrades its legacy systems with Sun SPARC servers and Sun SpectrumSM support services. The Sun open-source solution helps NCMEC keep pace with its growing volume of Web traffic while simultaneously lowering costs.





“WE STICK WITH SUN BECAUSE OF PERFORMANCE, BUT ALSO BECAUSE THE HARDWARE AND SOFTWARE ARE SO RELIABLE THAT WE CAN STILL MAINTAIN NEARLY 60 SERVERS WITH JUST TWO PEOPLE.”

— PEG FLICK, CHIEF INFORMATION OFFICER, NCMEC

One of the great ironies of the Internet age is that a vast portion of the global symbol for freedom and openness has been dependent on closed, proprietary technologies and standards.

Sun is instrumental in changing that. For businesses and governments globally, the advantages of open technologies — open source, open standards, and open formats — are powerful.

Sun collaborates with open-source partners to enable adoption of OpenSolaris™ and Solaris technologies to improve resource utilization, security, and performance to enable you to better run your business — without additional hardware and licensing costs.

Low barriers to entry

Sun open source is free to download, which means no licensing fees. Open standards allow multiple vendors to compete fairly over implementation — enabling more capitalist competition, not less. Such competition brings more choices, better products, and lower prices. In addition, open source increases speed and flexibility by allowing expansions to occur without going through a slow and complex procurement process.

End-users of open-source software can simply download what they need and start using it immediately. No need to wait months or even years to purchase licenses from proprietary vendors.

Increased interoperability

Open source and open standards are the fastest routes to interoperability. Open source is a key component of the Department of Defense (DoD) strategy to achieve data interoperability across applications and it works on all platforms used by the U.S. government.

More R&D for less

Open source is better quality software because it is open for public scrutiny. Millions of developers from around the world are reviewing, innovating, and contributing to open source and open standards solutions. Think of it as a global league of engineering consultants — that you do not pay — who are transparently reviewing each other’s work, fixing the inevitable bugs and making advancements, ensuring that you receive the best product out there.

Improved security

In software, secrets lead to breaches. Open source and open standards ensure against secrets — and

breaches — by letting the many eyes of the open community search for, find, and eliminate security issues. Open source provides a higher level of protection than proprietary code because it is open for the world to see and test. Products like Java™, Solaris, MySQL™, Mozilla, and TCP/IP have a proven record of less security issues throughout their lifecycle than comparable proprietary products.

Citizen, supplier, and partner access

Too often, citizens, suppliers, and partners are discriminated against by proprietary software restrictions. Even governments themselves are realizing they have lost control over and access to their own documents and records. Not anymore. Sun’s open-source solutions put the end-user in control.

Low barriers to exit

Continual innovation means technology can have a short shelf life, and your company should not be stuck with it once it is outdated. Sun eliminates vendor lock-in through interoperable, open-source products built on standards — so you can choose a vendor and never become unnecessarily reliant or locked-in to a vendor’s solution to switch. Fix problems and tailor technology to your specific requirements, ensuring your investment is always safe.

Sun open-source solutions can be downloaded any-time instantly, giving you speed and agility while maintaining low cost. Whether it is Solaris and OpenSolaris operating systems, Linux, StarOffice, NetBeans, OpenSPARC, or Java — Sun has a solution to help your organization meet its time-sensitive, mission-critical goals.

Sun recognizes the way software is written and distributed has changed forever. Going forward, the process is about inclusiveness and sharing. By combining the efforts of the broadest possible community with the assurance of a commercial supplier, innovation can leap ahead, turning IT into a competitive advantage.

Any customer — from government to IT — can participate in open-source development if they have a need that is not currently being met. With proprietary, ideas need to be submitted for improvement and only sometimes are changes incorporated into the next version of the release. With open source, developers can write improvements themselves and submit them to the open-source community for general availability support or they can choose to keep the change internal/proprietary. The power is in the customer’s hands — not the vendor.