

# Solaris™ 8 Migration Assistant

Run Solaris 8 environments on the Solaris 10 OS



## Highlights

- Quickly deploy Solaris 8 applications on Solaris 10
- Lower costs through consolidation on newer systems
- Reduce risks with expert assistance
- Fully developed and supported by Sun
- Ideally suited as part of a larger virtualization strategy



Sun is making it even easier and faster for customers like you to migrate your Solaris™ 8 Operating System (OS) application environments to new, more powerful, and energy-efficient systems running the Solaris 10 OS. With Solaris 8 Migration Assistant software and Solaris 10, your Solaris 8 applications are moved to a container hosting those applications on the latest SPARC® systems running the Solaris 10 OS. You can then transition these environments to native Solaris 10 Containers at your own pace. Coupled with expert assistance from Sun Professional Services, Solaris 8 Migration Assistant software can reduce the amount of work and risk associated with migrating to the latest network computing environments.

### Quickly deploy Solaris 8 applications on Solaris 10

The Solaris 8 Migration Assistant software is a transition tool which decouples your hardware upgrade from the operating system and application, giving you more time to upgrade your applications to the Solaris 10 OS. Sun guarantees application compatibility between operating system releases, and the Solaris 8 Migration Assistant builds on that by adding the ability to capture and transfer the surrounding configuration, data, and other elements of the operating system. This allows you to rapidly upgrade to new Sun hardware and the Solaris 10 OS while emulating the Solaris 8 OS as needed.

### Lower costs through consolidation on newer systems

Today's newer systems can be many times more powerful, more space efficient, and less costly than earlier generations. But upgrading hardware can sometimes create a problematic ripple effect that forces you to upgrade your operating system, and in some instances, your applications as well. In turn this upgraded application environment may require certification by the ISV or application developer. While the benefits of updating your infrastructure may be clear, concerns associated with upgrading, such as time, cost, risk, and complexity, often holds organizations back from proceeding.

The Solaris 8 Migration Assistant mitigates these issues by decoupling the hardware upgrade from the OS and application upgrade. You can simplify installation and maintenance requirements, reduce hardware, power, cooling, and support costs, and save space by retiring your older, less efficient systems and install brand new systems with the Solaris 10 OS and containers hosting your Solaris 8 applications.

### Reduce risks with expert assistance

Sun Professional Services brings Sun's extensive technology and IT infrastructure expertise to help you reduce costs and complexity, improve operational efficiency, and mitigate risks. Leveraging proven tools and methodologies, our consultants analyze your Solaris 8 OS environment, develop a migration plan, and implement and test your solution as a standalone project or as part of a larger virtualization plan. The combination of Solaris 8 Migration Assistant software and Sun Professional Services can help you achieve a smooth and successful implementation that meets your high expectations.

### Fully developed and supported by Sun

Solaris 8 Migration Assistant software works by utilizing the Branded Zones (BrandZ) architecture introduced in the Solaris 10 8/07 OS, which allows Solaris software to emulate other operating environments inside Solaris Containers. Each operating environment “flavor” is provided by a brand, which plugs into the framework. Solaris 8 Migration Assistant software provides the Solaris 8 OS brand on SPARC platforms, creating a virtual environment to host Solaris 8 applications. By taking advantage of existing Solaris Containers features, this virtual environment can:

- Be cloned many times for rapid deployment
- Be migrated to remote hosts
- Control CPU and memory resources with Solaris Resource Manager
- Take advantage of key benefits of the Solaris 10 OS, including:
  - Increased observability with Dynamic Tracing (DTrace)
  - Maximized reliability with Solaris ZFS and Predictive Self Healing
  - Improved network performance by dedicating network ports to containers

Solaris 8 Migration Assistant software was developed by the same engineering team that developed the original Solaris Containers technology. So you can be confident that this technology is optimized for running your Solaris 8 applications on the Solaris 10 OS.

### Requirements and lifecycle

Compatible with all SPARC systems supported by Solaris 10 8/07 OS release or later, Solaris 8 Migration Assistant software allows you to reduce power consumption, space, and costs while improving performance. The software is bundled with a one year Right-to-Use (RTU) license and premium support. The Solaris 8 Migration Assistant technology is meant to be used as a transition tool and is another option to move to the Solaris 10 OS. It is not intended to prolong the use of the Solaris 8 OS indefinitely. The lifecycle of Solaris 8 Migration Assistant is directly tied to the lifecycle of the Solaris 8 OS. For more information about the Solaris 8 lifecycle, visit <http://www.sun.com/software/solaris/support/sol8.xml>.

In addition, customers are required to have a Solaris 10 support plan in place: either a Solaris 10 software premium support subscription or a Gold or Platinum Sun System service plan. Features of these service plans include 24/7 online and telephone technical support, SunVIP interoperability support, software releases and updates (patches), self-help tools and notifications. These plans provide enhanced coverage to maintain high availability of your system especially important when you have consolidated multiple applications onto a single system.

### Try it now

Download Solaris 8 Migration Assistant software for free with an evaluation license for a period of 90 days at [sun.com/download/products.xml?id=470c4a45](http://sun.com/download/products.xml?id=470c4a45).

### For more information

Learn more about Sun products and services that can help you with your consolidation and virtualization projects, visit:

- **Virtualization and the Solaris OS:**  
[sun.com/software/solaris/virtua\\_learning\\_center.jsp](http://sun.com/software/solaris/virtua_learning_center.jsp)
- **Solaris Containers:**  
[sun.com/software/solaris/ds/containers.jsp](http://sun.com/software/solaris/ds/containers.jsp)
- **Migration services from Sun Professional Services:**  
[sun.com/service/migration/ems.xml](http://sun.com/service/migration/ems.xml)
- **Sun Software Service Plans:**  
[sun.com/service/serviceplans/software/overview.xml](http://sun.com/service/serviceplans/software/overview.xml)