

SunSM Application Migration Service

Accelerate the migration of your application to the Solaris™ Operating System while staying focused on your critical business



The operating system's unique position in the hardware/software solution stack makes it a critical element in delivering reliable application services. The Solaris™ Operating System (OS) is recognized as virtually leading the industry in helping to reduce the costs, complexity, and risk associated with today's computing environments. And the Solaris 10 OS significantly extends—and adds to—these capabilities, delivering optimal utilization, relentless availability, unparalleled security, and extreme performance for both vertically scaled and horizontally scaled environments.

SunSM Application Migration Service

The Solaris OS can help you reduce costs and complexity, but the constraints normally associated with migration, such as resource availability, cost, and complexity, may be seen as a challenge. That's where the SunSM Application Migration Service comes in. While you stay focused on your critical business, Sun and qualified partners can help you assess and port your application with a single service. As a custom-quote, fixed-price offering, the Sun Application Migration Service makes it easy for you to budget, schedule, and complete the migration.

Our experience is your advantage

Sun has a proven track record of successful migrations, earned over many years by helping thousands of satisfied customers. The Sun Application Migration Service utilizes formal methodologies and tools that help take your application and make it ready to compile and run on the Solaris OS. Organized around three simple phases, including initiation, architecture, and implementation, the Sun Application Migration Service can help you reduce risk and get it right the first time by leveraging our experience.

Initiation phase

During the initiation phase, Sun consultants work with you to scope the project and develop a custom quote. You provide detailed information on your application architecture, source code statistics and topology, third-party dependencies, and current build environment. Sun conducts an assessment to determine migration feasibility and look for potential constraints, risks, and issues.

Using tools and expertise, Sun provides a quote and proposal for the entire porting project. If the Sun Application Migration Service cannot be applied as a single service point, Sun can recommend more generic services from the Sun Enterprise Migration Suite.

Architecture phase

By assessing details of your current application, the Sun Application Migration Service helps carefully plan your migration project so that the application is ready to be deployed on time. Sun performs a detailed, tool-based analysis of the application source code and scripts tree set. You receive a summary report that highlights the confirmation of assumptions made during the initiation phase and details the work breakdown structure.

The architecture phase includes the following tasks:

- Analysis of the application architecture for its portability to the Solaris OS
- Analysis of the application build environment
- Source code scan using in-house developed tools
- Analysis on migration issues and potential risk areas
- Definition of source code and scripts cleaning tasks
- Application migration project work breakdown structure outlining porting tasks with effort at the task level
- Build of the final project plan
- Completion of a architecture phase summary report

Highlights

- As part of the Sun Enterprise Migration Suite, the Sun Application Migration Service helps you fast-track your transition simply, cost-effectively, and right the first time so you can take full advantage of the great features of the Solaris OS, which help you:
 - Reduce acquisition costs and total cost of ownership
 - Improve application and service performance
 - Simplify IT environments
 - Reduce business risk
 - Increase interoperability
 - Speed time to deployment
 - Protect investments in applications and hardware

Implementation phase

The implementation phase completes the application migration process by achieving porting of the application source code, tree, and build environment according to the agreed plan. The result is an application that is ready to compile and run on the Solaris OS with its associated source code tree, shell, and make scripts. You receive an updated summary report and a three-month warranty for possible adjustment of issues related to the porting process.

The implementation phase includes the following tasks:

- Migrating of application source code including shell scripts
- Migrating of application build environment and make scripts
- Installation of third-party software required by the application on the Solaris OS
- Creating Solaris binary executables
- Creating migration documentation (required source code changes)
- Fixing core dumps caused by migration work
- Delivery of the migrated application and its new build environment
- Migration project status reports (weekly)
- For customers moving to the Solaris 10 OS, the implementation phase includes the Solaris configuration service

Solaris OS

The Solaris OS provides leading innovation with proven scalability, availability, performance, and security on SPARC®, AMD Opteron, and Intel Xeon-based systems. You can depend on the stable, high-quality Solaris foundation to develop, deliver, and manage business-critical and mission-critical services with peace of mind that the operating system is indemnified, and that Solaris certified applications are guaranteed to run on all new Solaris releases. The Solaris 10 OS—the latest release of the premier operating system—helps reduce the complexity, costs, and risks associated with today's diverse computing environments through a number of new technologies. With more than 600 new breakthrough features, the Solaris 10 OS gives organizations the tools and technologies to quickly and confidently create powerful computing infrastructures.

Sun Enterprise Migration Suite

The Sun Enterprise Migration Suite offers a broad portfolio of migration services. In addition to migrating your in-house developed applications, Sun can help you safely migrate to a new IT infrastructure while staying focused on your critical business. The Sun Enterprise Migration Suite includes services that can help with custom, off-the-shelf application deployment and data migration.

Learn more.

For more information about the Sun Application Migration Service, contact your Sun Sales Representative or Authorized Reseller or visit sun.com/service/migration/ams.xml

Sun consultants carefully analyze your business and project objectives and possible constraints, such as partnerships, resources, road maps, dependencies, and operational requirements. They help you demonstrate the value of the migration as a necessary step for improving business and IT efficiency in conjunction with the associated challenges and effort.

The Sun Enterprise Migration Suite helps architect and implement a solution based on your unique environment. The goal is to help you achieve a successful migration that protects your legacy application investment, mitigates future migrations, improves IT efficiency and service delivery, and allows you to adapt to evolving corporate standards, strategies, and regulatory pressures.