

Data Migration Services

Expertise and methodologies that help you complete your data migration successfully



Your data never stops growing. As your business evolves, so do your storage requirements. The disk and tape choices you made in the past may be stretched thin by growing business and regulatory requirements. Larger amounts of data must now be archived for longer periods of time, and there is a high risk associated with storing large amounts of data to older, unsupported hardware and software. As that data ages, its value drops, pressuring you to transfer it to more cost-effective disk or media. Data migration may be the solution, but assessing, planning, and executing a migration project requires significant time and expertise.

Sun's data migration services can help you overcome the obstacles typically associated with data migrations, such as time, cost, application downtime, and loss of productivity. With more than 36 years of industry experience and strategic relationships with leading vendors worldwide, Sun offers comprehensive, customized solutions to help meet your requirements.

Sun's data migration assessment service

To help with determining which solution may work best in your environment, look first to Sun's data migration assessment service. This service will identify what the requirements are for your particular environment and point you to the right services. Additional information from the assessment can help indicate which migration solution is right for you. Key activities include a customer workshop, data migration assessment, and recommendations documented in a data migration specification strategy document.

Our experience is your advantage

Sun has a proven track record of successful migrations, built by helping many satisfied customers consolidate and migrate to a more effective IT infrastructure. You can reduce risk and ease your transition by leveraging our experience and interim operations services.

Proven methodology and tools

Sun consultants utilize formal methodologies and tools that help make initial analysis more accurate, architectures more flexible, and implementation more robust. Comprising justification, architecture, and implementation services, Sun's data migration services are designed to help enable success at every phase of your migration project.

When are Sun's data migration services right for you?

You may benefit from Sun's data migration services if your environment requires some or all of the following:

- Maintaining application availability 24/7
- Maximizing staff productivity with limited resources
- Addressing compatibility in heterogeneous environments
- Preserving data integrity and availability
- Optimization of application performance
- Meeting budget guidelines
- Refreshing technology seamless
- Deploying new equipment into production rapidly
- Returning lease equipment on time

Highlights

- Offers a complete, end-to-end data migration services suite for mainframe, open systems, and Microsoft Windows environments
- Helps you investigate, justify, design, plan, and implement a solution
- Leverages Sun's experience, proven methodologies, and best practices to help reduce risk
- Provides flexibility and choice so you can create a solution based on your unique requirements

SunSM Migration Services for ESCON to FICON Technology

SunSM Migration Services for ESCON to FICON Technology is designed to migrate your environment from ESCON to FICON connectivity on time, on budget, and with the least impact on your core business. The service consists of three key steps that are tailored to your unique needs—the migration workshop, architecture assessment, and implementation service.

Migration workshop

This half-day workshop provides an educational session on FICON. A typical workshop agenda includes business issues and technology constraints that might drive your business to a FICON migration, technical comparisons with ESCON, real client case studies with results achieved, and assessment process and possible next steps.

Architectural assessment

The architectural assessment offers an in-depth analysis of your existing environment, and models the performance of a new FICON environment. Sun consultants provide a performance and cost-optimized FICON migration plan, as well as a financial justification specific to your ESCON environment.

Implementation

The implementation service puts the recommendations from the architectural assessment into action. Sun draws on years of experience and proven methodologies to help successfully migrate you to a full-production FICON environment—on time and on budget. The implementation service may include cable plan design and installation, which can help you realize additional savings on hardware infrastructure.

Sun's media and data conversion services

Digital data conversion services convert existing data to more accessible, less costly platforms. Media conversion services provide old to new technology, such as converting older, lower-capacity tapes to higher-capacity tapes. Optical conversion services convert WORM optical to WORM tape using VolSafe secure media technology.

Sun's data consolidation service

Tape consolidation services consolidate large amounts of off-site data to reduce risk, increase accessibility, and support compliance. Tape and optical copy and conversion services, which include tape volume and dataset stacking, convert tape and optical media to help reduce cost and risk of data loss by using a lower number of tapes. Key benefits include:

- Optimize media to help reduce downtime, risk, and maintenance
- Manage your archived data to comply with federal regulations
- Manage change with minimal disruption and costs
- Improve management of your data

Sun Host-Based Data Migration Service

The Sun Host-Based Data Migration Service facilitates data migrations without disrupting your internally and externally facing applications, helping reduce the major risks and costs associated with data migration. The benefits are many. Because your data migration occurs transparently, you can continue with business processes that contribute to corporate growth and profitability. Your storage administrators no longer have to strategize to find the least harmful time to schedule an outage to move data. And online users have continuous access to the information they need.

Learn More

For more information about data migration services or other professional services from Sun, please contact your Sun Sales Representative or Authorized Reseller or visit www.sun.com/service/storage

Sun StorageTekSM Array-Based Migration Service

The Sun StorageTekSM Array-Based Migration Service meets your specific data migration needs for both modular and high-end (Sun StorEdgeTM 99XX) disk arrays. Sun professionals can assist with:

- Hardware and software-based solutions
- Local and remote migration of data to meet your needs for disaster recovery, business continuity, virtualization, and consolidation
- Hosting external-attached, heterogeneous disk storage, enabling migration and replication to lower-cost disk when appropriate, and providing simplified management

Sun Enterprise Migration Suite

The Sun Enterprise Migration Suite can help you safely migrate to a new IT infrastructure while staying focused on your critical business. Sun consultants carefully analyze your business objectives 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.