

SunSM Migration Services for the ESCON to FICON Technology

Expertise and methodologies that help you get your migration right the first time.



When properly justified, planned, and executed, a FICON migration can bring tremendous technical, management, and business benefits to a company. But ESCON to FICON migrations are complicated, typically requiring new processors, disk, tape, printers, and extension devices. Not to mention issues related to technology, business impact, disaster recovery, cost, timing, and staffing. You may be questioning how much of your infrastructure should be considered for a FICON migration? Should disk, tape, and SAN consolidation be addressed? What are some of the issues in migrating data? What about cabling issues? Exactly how are FICON devices addressed?

Turn to Sun to migrate with confidence

Don't let the cost, time, and complexity typically associated with ESCON to FICON migrations hold you back. Turn to Sun to help reduce risk while you quickly and confidently complete your migration. The SunSM Migration Services for the ESCON to FICON Technology leverages Sun's experience, proven methodologies, and best practices to offer an end-to-end solution for investigating, justifying, designing, planning, and successfully implementing a FICON solution.

Tailored service to your unique requirements

The Sun Migration Services for the 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 requirements—the migration workshop, architecture assessment, and implementation service. You can manage costs and maintain control by using only the steps you need.

Migration workshop

The migration workshop is a focused, full-day engagement designed to transfer knowledge by leveraging Sun's mainframe and storage networking experience. Expert FICON consultants meet with your mainframe storage team

to discuss FICON technology and available solutions, and share with you what it takes to successfully migrate to FICON. Although the workshop is tailored to your specific requirements, a typical migration workshop agenda includes:

- Business issues and technology constraints that might drive your business to a FICON migration
- ESCON to FICON migration overview:
 - In-depth TCO analysis of ESCON versus FICON
 - Comparison of ESCON and FICON technologies
 - Technical considerations across the enterprise storage network infrastructure
 - Business and operational advantages of FICON versus ESCON
- Real client case studies with results achieved
- Assessment process and possible next steps

Architecture assessment

The architecture assessment analyzes your existing mainframe and mainframe storage environment, whether it is ESCON, FICON, or a combination of the two. Expert FICON consultants look at your full mainframe environment, including channels, switches/directors, remote replication infrastructure, disk, tape, and virtual tape solutions. From there, Sun does simulation

Highlights

- Provides an overview of FICON technology and possible benefits to your organization
- Offers an end-to-end solution to help 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
- Helps you establish high-performance mainframe storage architectures and implement a new FICON environment

modeling based on SMF/RMF data collected during the assessment to model FICON configurations. Then we develop a recommendation to provide a performance and cost optimized solution, which includes the design of a FICON infrastructure. You receive a written report complete with recommendations and next steps.

The architecture assessment allows Sun to help you:

- Establish high-performance mainframe storage architectures
- Make informed decisions about the direction of your future architecture and establish priorities
- Reduce costs
- Reduce business risk
- Enhance business continuity and agility
- Position your enterprise for growth

Implementation

The implementation service puts the recommendations from the architectural assessment into action. Sun draws on years of experience and proven methodologies to successfully migrate you to a full-production FICON environment—on time and on budget. The implementation service may include cable plant design and installation, which can help you realize additional savings on hardware infrastructure because you don’t have to reuse existing ESCON cables and add mode conditioning patch “pigtailed.” Sun can even manage the project so your staff is free to focus on mission-critical tasks.

Engage the storage experts

Sun service professionals help you address storage challenges by delivering integrated services and solutions that help optimize and manage storage performance over the life of your data. Our recognized, world-class service and customer care give you confidence that your technology investment is protected and that your business will be responsive to change.

Our consulting and managed services help you pinpoint opportunities to reduce costs, mitigate business risk, and better leverage information assets by delivering clarity, simplicity, and choice in solutions that address regulatory concerns, complex storage growth, resource management, and scalability challenges.

Learn more.

For more information about the Sun Migration Services for the ESCON to FICON Technology, please contact your Sun Sales Representative or Authorized Reseller or visit: sun.com/service/storage/e2f.xml

Sun Migration Services for the ESCON to FICON Technology	
Service	Key Activities
Migration Workshop	Educational session on FICON, focusing on technical comparisons with ESCON, performance, best practices for migration, cascaded FICON, FICON/open systems SAN Intermix, the latest z9 specifics, and how to financially justify a FICON migration.
Architecture Assessment	In-depth analysis to analyze the existing environment, and model the performance of a new FICON environment. Provides a performance and cost optimized FICON migration plan, as well as a financial justification specific to your ESCON environment.
Implementation	Implementation of the new FICON environment, including cable plant design, project management, hardware gens (IOCP/HCD) and testing.

