

EMC Services for Mainframe

Optimizing your mainframe environment

Mainframe systems run some of your most critical business applications and processes. Managing information in a mainframe infrastructure requires that you:

- Utilize leading technology
- Optimize service levels and cost savings
- Understand the impact of infrastructure decisions
- Manage and protect business-critical information
- Ensure deletion of business-critical information

EMC provides scalable, secure, and cost-effective storage solutions to help you optimize your mainframe environment. With EMC® Mainframe Services, you will be able to:

- Gain a comprehensive view of your data infrastructure
- Design and plan based on best practices
- Consolidate to realize dramatic costs savings and performance improvements
- Migrate data and implement solutions efficiently, effectively, and in a timely manner
- Maintain and improve availability
- Provide for local replication and remote disaster recovery
- Shorten batch windows for tape backups
- Improve staff productivity
- Reclaim data center floor space
- Provide for archiving your mainframe data
- Render unreadable any and all data contained on physical drives

As a result, your business-critical mainframe information will be easily accessible when you need it most.

Choose EMC for your mainframe environment

EMC mainframe specialists bring expertise from decades of engagements to help optimize your mainframe processing environment quickly. EMC's long-term investment in mainframe technology and solutions includes EMC storage interoperability with applications running on z/OS, z/VM, z/VSE, TPF, and Linux. EMC's proven expertise and documented service methodologies are central to every EMC service engagement.

EMC mainframe service portfolio

To help you realize value from your EMC investment and mainframe environment as quickly as possible, EMC provides the following services:

EMC Design and Implementation for Mainframe Connectivity

The EMC Design and Implementation for Mainframe Connectivity Service maps your business requirements to a specific FICON infrastructure design, including development and execution of an implementation project plan based on your mainframe storage and connectivity requirements.

FICON connectivity helps organizations increase storage capacity and improve performance while lowering costs. FICON, the next-generation implementation of ESCON, is a highly reliable protocol for transporting large blocks of data at high speeds. EMC Design and Implementation for Mainframe Connectivity Service helps you evaluate your current and future expansion plans and realize increased input/output capacity, enhanced performance, and better reliability.

EMC Data Migration for Mainframe

EMC Data Migration for Mainframe is EMC's non-disruptive data migration offering for mainframe environments. With a combination of expert services and industry-leading software, EMC non-disruptively moves your data from any z/OS operating system or OS/390 attached storage arrays to any other data storage systems while maintaining data integrity. This service helps you improve performance, balance workloads across systems, achieve service-level commitments, and minimize risk in complex environments.

EMC Design for Storage Replication

The service uses proven methodologies to review your current business requirements and data center strategies and select the appropriate remote replication technology to meet desired service levels. It evaluates options and alternatives and recommends specific hardware, software, and networking configurations to be implemented.

When data is mission-critical and you cannot afford to experience any downtime, EMC business continuity experts, toolsets, and best-practice methodologies capture application performance statistics in your current environment to be used in modeling a remote replication design. You'll benefit from a proposed solution design based on your specific business requirements, data center strategies, and service levels, such as reduced DB2 cloning times, using advanced tools for automated replication. In addition, you'll realize cost benefits from reducing the need for constant infrastructure and application tuning, and reduced risk of over-purchasing or over-provisioning the replication infrastructure.

EMC Health Check for Storage Replication

The EMC Health Check for Storage Replication service examines your specified EMC Symmetrix® SRDF/A environment in detail, and documents your environment for future reference and establishment of a baseline for trend analysis. The health check provides you with the status of your current SRDF®/A environment, assumptions for I/O growth with actual observed growth, compliance with your Service Level Agreements for recovery time objective (RTO) and recovery point objective (RPO) for operational recovery, and recommendations for performance improvements.

EMC Implementation for Mainframe Storage Replication

EMC mainframe business continuity experts map previously determined business requirements to a replication infrastructure implementation tailored to your needs. This service is part of the EMC business continuity framework and applies EMC Proven™ methodologies and expert delivery to drive your Symmetrix Remote Data Facility (SRDF)/TimeFinder® implementation for higher availability, reduced risk of implementation issues associated with integration and migration of data, improved service levels, better performance levels, and accelerated time-to-value.

EMC Implementation and Migration for Mainframe Virtual Tape Solutions

The EMC Implementation and Migration for Mainframe Virtual Tape Solutions integrates a virtual tape solution into your environment to take full advantage of the performance, availability, reliability, and management benefits of either Symmetrix or CLARiiON® disk-based storage.

EMC Assessment for Mainframe Tape Environments

The EMC Assessment for Mainframe Tape Environments is an onsite consultative service that begins with interview sessions to document, understand, and analyze your current z/OS attached tape environment. Upon completion of the engagement, you'll receive findings and recommendations based on your unique infrastructure and business priorities. You'll gain specific recommendations for reducing risk, managing complexity, improving application and system availability, reducing downtime, accelerating batch processing, and achieving higher backup reliability.

EMC Residency for Mainframe

EMC provides highly skilled, specialized EMC service professionals to manage your mainframe environment depending on your specific needs and timeframe. Experienced residents augment your full-time staff by providing the operational and architectural assistance required to help you accelerate your IT projects, speed the time to value of new technology implementations, and improve the overall operational management of your mainframe infrastructure. Residents leverage EMC's best practice library, EMC Knowledgebase, and extensive storage/application expertise to materially improve your mainframe infrastructure operations.

EMC Certified Data Erasure

EMC Certified Data Erasure overwrites physical storage data with a pattern of random data in one or more iterations to render the underlying data unreadable. One of your key challenges is protecting data as it's moved throughout its lifecycle. Certified Data Erasure securely erases information from hard disk drives prior to reselling, migrating, returning, or repurposing a storage system. It helps you protect information—safely, securely, and with verification that the process has been completed. The service allows you to maintain compliance with data and information confidentiality through the plan, manage, and support stages of the information lifecycle.

Look to EMC Global Services to deliver results

EMC Global Services provides the strategic guidance and technology expertise organizations need to address their business and information infrastructure challenges and derive the maximum value from their information assets and investments. We are committed to exceptional total customer experience through service excellence. Our 13,000+ professional- and support-service experts worldwide, plus a global network of alliances and partners, leverage proven methodologies, industry best practices, and experience and knowledge derived from EMC's 30-year information-centric heritage to address the full spectrum of customer needs across the information lifecycle: strategize, advise, architect, implement, manage, and support.



EMC CORPORATION
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America 1-866-464-7381
www.EMC.com

Take the next step

Learn how EMC Global Services can help you strategize, implement, and derive maximum business value from your information infrastructure. Contact your EMC sales representative or visit us on the Web at www.EMC.com.