

# EMC Certified Data Erasure for Symmetrix

## The Big Picture

- Protect intellectual property and employee and customer data from unauthorized access
- Ensure a secure data migration by rendering data unrecoverable from the source arrays
- Align information handling policies with internal policies and regulatory requirements including Department of Defense 5220-22.M
- Demonstrate compliance effectively with a full report and Certificate of Completion to satisfy audits

EMC® Certified Data Erasure for Symmetrix® uses specialized software to erase information on the entire Symmetrix array, mitigating the risk of information dissemination. EMC Certified Data Erasure for Symmetrix helps secure information at the end of the information lifecycle during routine IT operations like data migrations. This service prevents the unauthorized access of information stored on Symmetrix at the end of a lease or on arrays that are repurposed to another site within your company. EMC Certified Data Erasure helps you execute your information operations securely.

## Proven methodologies

All service engagements are guided by our proven methodology, the Global Delivery Model. EMC's Global Delivery Model ensures that we deliver rapid, flawless implementation services to every customer in every engagement worldwide. The extensive training the EMC delivery team undergoes before they engage with a client validates the uniqueness of our methodology.

EMC Certified Data Erasure Services overwrite data at the lowest application-addressable level to rigid hard disk drives ensuring data cannot be recovered. These services align to the U.S. Department of Defense 5220-22.M standard for clearing rigid magnetic media. Additionally, EMC has worked with an external third party to validate and verify our methods, ensuring data cannot be recovered after the process is complete.

## EMC Certified Data Erasure for Symmetrix (Full Array)

EMC meets with you to ensure the proper disposal of your confidential data. This service includes these steps executed by EMC Global Services:

- Identifies Symmetrix arrays that are to be erased
- Verifies that the customer has backed up information on the identified arrays, if necessary
- Executes the erasure process with data overwrites of 3x (default), 5x, and 7x with a combination of random patterns on the selected arrays
  - Pass 1—overwrites with a character
  - Pass 2—overwrites with the character's complement
  - Pass 3—overwrites with a random character pattern
- Verifies the successful completion of the erasure and the relevant log files are given to the customer
- Creates and presents the Certificate of Completion to the customer, demonstrating compliance
- Provides disk drives that could not be erased to the customer for final disposition

### What data center events require EMC Certified Data Erasure?

- Data migrations
- Returning equipment at the end of lease
- Technology refresh
- Routine replacement of failed single disk drives
- Shared storage environments
- Compliance obligations have been fulfilled

### Additional security services from EMC Global Services

EMC offers a portfolio of solutions to help you manage your organization's confidential information, including:

- **EMC Certified Data Erasure for Full Arrays:** Specialized software ensures data cannot be recovered from your EMC CLARiiON®, EMC Centera®, and other vendors' arrays.
- **EMC Data Erasure/Single Disks:** Individual Fibre Channel and ATA drives can be erased from Symmetrix and CLARiiON platform arrays.
- **EMC Disk Retention:** Provides for the customer retention of failed disk drives for organizations that need to retain all media as a result of security or regulatory requirements. This service requires that the equipment be covered by a warranty or service contract. You are able to keep the drives at no charge to you; however, they will not be erased for you.
- **EMC Assessment Service for Storage Security:** Helps you understand the level of information protection that's appropriate for your organization and recommends the best solutions for a comprehensive security strategy. This assessment assists with recommendations for media security including disk handling chain of custody.

### About EMC Global Services

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, 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](http://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](http://www.EMC.com).