

# EMC Certified Data Erasure for Celerra

## 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 standard 5220-22.M
- Demonstrate compliance effectively with a full report and certificate of completion to satisfy audits

EMC® Certified Data Erasure for Celerra® helps you protect your confidential and critical information. EMC Certified Data Erasure uses specialized software to erase information on the entire Celerra IP storage system, mitigating the risk of unauthorized information dissemination. EMC Certified Data Erasure helps secure information at the end of the information lifecycle during routine IT operations like data migrations. When Celerra systems are decommissioned, repurposed, or returned at the end of a lease, you need to ensure that information is secure and cannot be accessed. Through this service, data is erased, protecting your intellectual property and employee and customer information from a breach, while ensuring compliance with your internal and external regulations. This service is available for Celerra gateway and integrated systems.

## Proven Methodologies

All of our 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 required before the EMC delivery team engages with a client validates the uniqueness of our methodology.

EMC Certified Data Erasure Services overwrite data at the lowest application-addressable level on rigid hard disk drives, ensuring data cannot be recovered. These services align to the U.S. Department of Defense standard 5220-22.M (the highest standard of data erasure) 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 Celerra

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

- Identifies Celerra IP systems that are to be erased
- Verifies that the customer has backed up information on systems, 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 compliment
  - 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 to the customer any disk drives that could not be erased for final disposition

**EMC Certified Data Erasure Services can help you:**

- Meet your compliance objectives to support SOX and HIPAA
- Secure your information during routine data center operations like migrations
- Ensure your information is secure at the end of a lease

## 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:** Using proprietary technology, ensures that data cannot be recovered from an entire array so it can be redeployed to another part of the business, increasing the ROI of that storage asset. This service is available for EMC CLARiiON®, EMC Symmetrix®, EMC Centera®, and non-EMC 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 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.

## 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, 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<sup>2</sup>**

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### Take the next step

EMC Global Services provides professional and support services, proven solutions, and training to help customers in every stage of the information lifecycle. 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).