



# EnsureDR Recovery Readiness for Healthcare Organizations

## Automate DR Drills, Accelerate Regulation Compliance, and Achieve DR Resilience.

The healthcare industry is amongst the most highly regulated industry and in particular with respect to disaster recovery planning which forms an essential part of compliance with its most well-known mandate – the Health Insurance Portability and Accountability Act (HIPAA). According to HIPAA, organizations are required to establish and implement policies and procedures for responding to any situation that could damage IT systems that contain electronic protected health information (ePHI). This requirement necessitates a DR plan.

The HIPAA Security Rule further dictates that a contingency plan needs to be implemented with the following required components: a data backup plan that establishes systems for restoring ePHI; a DR plan that identifies processes needed to make sure ePHI can be restored in the event of loss; an emergency mode operation plan to ensure continuity of business processes for the security of ePHI, while operating in emergency mode. Other components which are considered “addressable” according to HIPAA, meaning each organization decides whether they are reasonable and appropriate security measures to apply within its particular security framework include: procedures for periodic testing and revision of the DR plan; as well as application and data criticality analysis. In particular the second specification for the disaster recovery plan requires a DR plan which outlines the recovery of ePHI, addresses what data must be restored and in what order; and should account for all possible scenarios, from natural disasters to cyber-attacks.

One thing that emerges from the HIPAA directive is that a robust and resilient DR plan that allows for the thorough and frequent testing of DR procedures is an essential requirement for HIPAA compliance.



### Automate Everything

Automate DR drills with management tools for total resilience



### Accelerate Regulation Compliance

Easily generate reports demonstrating recovery readiness compliance on-demand. Ensure ability to recover from any scenario



### DR Test as a Service

Onsite implementation, monthly tests and 24/7 support

The EnsureDR Software Platform, can assist disaster recovery practitioners to easily manage and maintain their DR environment while at the same time assist in satisfying regulatory requirements by providing a framework which will allow for:

- The **automation** of DR testing for all servers: both virtual and physical, both onsite and offsite.
- The **thorough and frequent** testing of critical servers: to confirm the continuous data integrity and availability of critical business systems.
- The **documentation (audit-ready)** of DR testing results through a detailed “Recovery Readiness” **report** as well as an online **dashboard**.
- The **Recovery Readiness Score** provides a quantifiable metric for assessing the ability of an organization to recover in the event of an actual disaster.



## Use Cases

### Automation of DR Testing Procedures

EnsureDR allows for the segmentation of servers into testing groups based on priority and for the full automation of testing on a monthly, weekly or daily basis for each group. The automation of testing eliminates the possibility of human error and reduces the number of man-hours and associated costs incurred when performing manual DR testing exercises.

### Thorough DR Testing Capabilities

Unlike replication tools that allow for the manual testing of the failover procedure; EnsureDR will not only test that the fail over of the replication tool actually works but will test the entire infrastructure on the DR site by turning on all servers, databases and applications and testing all the associated network infrastructure, security and physical resources.

### Extended DR management across multiple locations

EnsureDR allows for the management and DR testing of servers distributed across multiple physical branches and remote offices. All the DR tests for these locations are managed through a single unified online dashboard and reporting engine.

### Documentation – Audit Ready

EnsureDR through its powerful dashboard and reporting engine can produce DR test reports detailing the availability and recoverability of each individual server. These reports are automatically generated and are sent to the DR practitioner via email or produced on-demand. Parameters and metrics included in the report are: the RTA - the actual time for a site to recover in the event of a real disaster (compared to the RTO – desired recovery time), graphs showing how the DR status of the organization has changed over time and detailed test results for each server tested.

### Broad Replication Vendor Support

EnsureDR supports the testing of all major DR replication tools: VMware, Zerto, NetApp, EMC – RecoverPoint, DoubleTake and others. The goal of EnsureDR is to provide a vendor agnostic testing environment which provides an objective view of the overall Recovery Readiness of the organization.

### Assistance for Regulatory Compliance

EnsureDR through its comprehensive testing capabilities both in its scope and depth can assist the DR practitioner to satisfy the regulatory compliance requirements through the automation of more frequent testing procedures and the generation of testing reports. All this can be achieved in a fraction of the time taken compared to manual test reporting and DR procedures.

### Recovery Readiness Score

EnsureDR through its years of experience in the DR industry and after experiencing more than 100 actual major DR events have developed a proprietary algorithm for quantifying the DR status of a healthcare organization – the Recovery Readiness Score. Through this single parameter the DR practitioner will be able to monitor the DR readiness of the organization and make adjustments as needed to the DR procedures. This parameter becomes extremely significant when taking into account the fast-changing environment in which healthcare organizations are required to operate: changing regulations; new requirements for online digital services as well as organic growth both internal and external. All these factors contribute to the erosion of the DR resiliency of the organization.



Contact us today to learn more or request a free trial at [www.ensuredr.com](http://www.ensuredr.com)

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