

Solution Brief

Better Together: VMware with EnsureDR™

Key Benefits

- Automate every aspect of disaster testing, management and reporting
- Identify problems to recover with the *Recovery Readiness Platform*, prior to a disaster
- Fix recovery problems in real time at the time of an actual disaster
- All major replication tool vendors supported including: VMware, Zerto, RecoverPoint (EMC), NetApp, DoubleTake, Veeam, and others.

The **EnsureDR Recovery Readiness Platform™** is a pioneering disaster recovery software platform that works with VMware and enables automated disaster recovery testing. It turns on the DR data center; and tests the availability of: servers, applications, databases, resources, and web portals. It connects the DR environment to an isolated network. EnsureDR™ uses the replication tool to collect data with respect to the DR environment and applies to the replication tool to fail over the DR environment to an isolated network.

The Problem:

Current disaster recovery solutions rely on replication of the company's data to a secondary site. However, businesses who have tried to recover from a real disaster have faced a 30%-40% recovery failure rate (servers are unable to turn on, the database is inconsistent, applications don't run etc.). Unlike the production site which is active, the recovery site is "turned off" during the year, neither maintained nor updated. This incompatibility between sites poses a huge risk when the business switches to the recovery site. No business has the option to maintain and update the recovery site infrastructure all year round to ensure it is identical to the production site.

Without frequent and thorough testing, the effectiveness of the disaster recovery plan erodes with time. Storage and server environmental changes occur together with organizational changes, new services are introduced and new policies and procedures are developed.

The Solution:

The EnsureDR Recovery Ready Platform™ automates the "testing & exercising phase", which is the most important stage of business continuity planning and disaster recovery resilience. EnsureDR™ identifies and fixes problems prior to a disaster situation by operating the secondary sites automatically, on a quarterly, monthly or weekly basis – so if a disaster does occur, VMware users will still be able to function properly. EnsureDR's management tools include a reporting engine and online User Interface Dashboard.

EnsureDR™ adds an enhanced level of Resiliency to the Disaster Recovery plan as "disaster practice makes recovery perfect". The first concern businesses have is the time the business will be shut down in the event of a real disaster. EnsureDR's sophisticated troubleshooting engine will fix errors automatically and produce detailed logs so any IT member can find the specific problem that needs urgent attention in the shortest possible time; allow viewing of past problems and their remediation with no need for costly investigation and time wasted.

EnsureDR™ assures that data is: Consistent and Correct; Restorable; Accessible and Intact.

Problem	Solution
In the event of a disaster, the business will try to continue working from the secondary site and will face problems	Through VMware, EnsureDR™ identifies and fixes problems prior to a disaster situation by operating the secondary sites automatically, on a quarterly, monthly or weekly basis – so if a disaster does occur, VMware users will still be able to function properly.
Lack of visibility and reporting	EnsureDR's Recovery Readiness Platform™ includes a <u>Reporting Engine</u> and a User Interface <u>Dashboard</u> .
Manual processes that result in inefficient operations	EnsureDR's Recovery Ready Platform™ automates the “testing & exercising” phase, which is the most important stage of business continuity planning and disaster recovery.

