

# EFFICIENT DISASTER RECOVERY FOR HEALTHCARE



Patient and healthcare information is highly regulated, and yet, to deliver effective care, it must be available to healthcare professionals at all times. Making this difficult is that healthcare applications are typically very temperamental and complex and ensuring their availability can be challenging for healthcare providers.

Without a complete business continuity and disaster recovery (DR) solution, disasters can impact everything from the ability of staff to deliver effective care to patients, to access of electronic health records in a timely manner.

Healthcare providers have unique needs and requirements for an effective DR solution.

## DR REQUIREMENTS OF HEALTHCARE

Data loss is often perceived as the most important requirement when protecting financial applications and data, but the common misconception is that only synchronous storage based solutions provide zero data loss.

This is technically incorrect as the data running in the memory can always be lost in the event of a data center wide disruption and storage replication only enables a zero second Recovery Point Objective (RPO) on disk writes.

Only application consistency guarantees zero data loss to the point in time when data is quiesced making application consistent point in time recovery critical for financial data and applications.

**Minimal data loss with low Recovery Point Objectives (RPOs)**

**Multi-VM consistency for large scale enterprise applications**

**Minimal disruption with low Recovery Time Objectives (RTOs)**

**No performance degradation of databases, applications and transactions**

**Protection against disasters and logical failures**

**Application consistency**

## INTRODUCING SECONDSITE™

ZettaGrid SecondSite™ powered by Zerto is a virtualised DR Service that provides recovery site, data synchronization, accessibility and activation for part or all of your production virtual environment.

SecondSite™ keeps your virtual environment synchronised to the ZettaGrid cloud, enabling real time failover and failback of an environment with short RPO.

## SECONDSITE™ PROTECTS HEALTHCARE PROVIDERS

SecondSite™ powered by Zerto is the future of reliable disaster recovery. It's the most affordable, fast and efficient disaster recovery solution available today.

SecondSite™ is a real time disaster recovery replication solution built on the award-winning Zerto platform that provides recovery site, data synchronisation, accessibility and activation for part or all of your virtual environment. It enables your business to replicate your virtualised IT environment into ZettaGrid's cloud and if a disaster were to impact your business, you can have your IT up and running within minutes until your primary site recovers.

Whether you're protecting 1 VM or 1000 VMs, it's the same reliable and affordable solution for small businesses and large enterprises

Say goodbye to expensive secondary data centres, duplicate IT equipment and lengthy wait periods interrupting your operations and impacting your business.

Zero capital investment for provision of your Recovery Site

Enables simple and automated full DR failovers

Low RPOs, low RTOs and next to no impact on operations

Simple plans with no lock in contracts

Simple pricing with \$99 per VM, per month

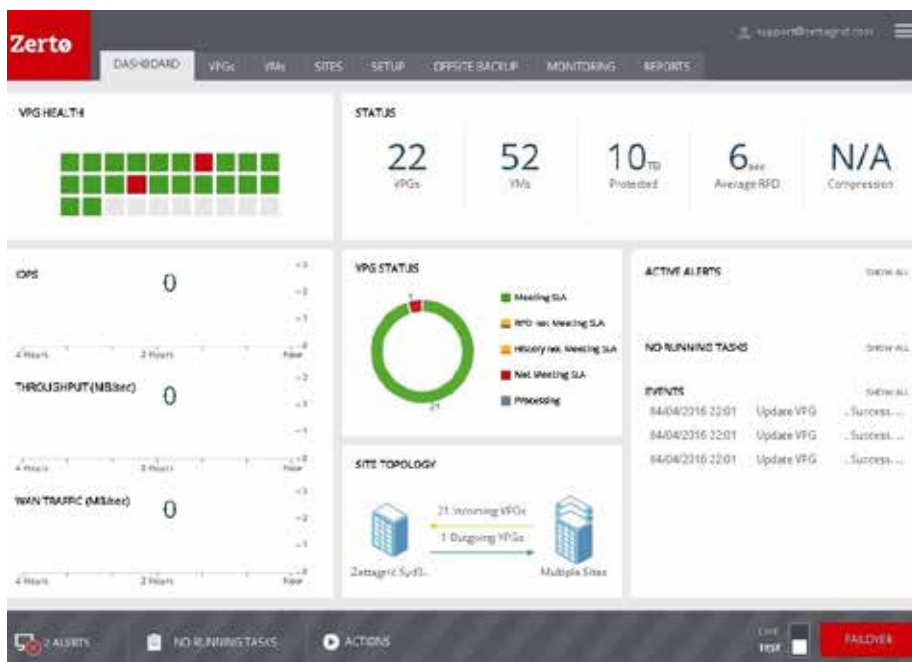
Fully ring-fenced DR testing with full reporting

## SECONDSITE™ IS BUILT ON A PLATFORM YOU CAN TRUST

SecondSite™ is built on Zerto's reliable cloud business continuity platform and utilises virtual replication - the standard for protection of applications in cloud and virtualised data centres in Australia.

With SecondSite™'s Disaster-Recovery-as-a-Service offering powered by Zerto, you benefit from all the capabilities of a typical disaster recovery solution, but without the requirement of a dedicated data centre.

This innovative approach means simplicity, reliability and substantial cost savings built on a trusted platform.



## DEPLOY, TEST AND RECOVER FASTER THAN EVER BEFORE

Testing and deployment of SecondSite™ is fast, with the lowest RPOs available of any cloud service.

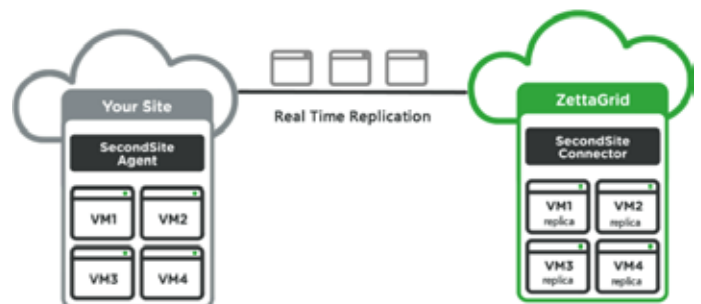
Performing a full failover takes only a few minutes with next to no impact to your day-to-day business operations. Your users probably won't even know that you failed over into the cloud.

If the unexpected were to happen to impact your business, you can have your IT up and running within minutes until your primary site recovers. That's because your virtualised IT environment was replicated in ZettaGrid's cloud.

## HOW SECONDSITE™ PROTECTS HEALTHCARE PROVIDERS

SecondSite™ continuously replicates only the changes in protected Virtual Machines (VMs) delivering RPOs of just seconds to minimise data loss. With click to test and click to failover orchestration and automation, downtime is also minimized by delivering Recovery Time Objectives (RTOs) of just minutes.

SecondSite™ has no impact on the performance of your production workloads as it uses continuous replication with journal based protection, a superior and zero overhead alternative to traditional generation snapshot based products. This ensures that healthcare applications are protected against all types of disaster from data center outages to database corruptions or faulty application upgrades by enabling recovery thousands of points in time, seconds before the logical failure occurred, also minimising data loss.



SecondSite™ utilises Virtual Protection Group (VPG) technology to recover healthcare applications that consist of multiple VMs together to the same point in time. This ensures a consistent recovery. Without a VPG, the recovery of healthcare applications can be broken, as each VM could be recovered to different points in time and potentially referencing data that is not present in all of the applications and VMs recovered.

Finally, application consistency is supported in both Windows and Linux VMs utilizing a Zerto VSS agent for Windows and Microsoft SQL databases or scripts for Linux and Oracle databases to ensure that both crash and application consistent points in time are available for recovery operations. Application consistency can be scheduled on any frequency defined so the production impact can be minimized and managed allowing recovery to both crash and application consistent points in time.

### CONTACT US, WE'RE HAPPY TO HELP

If you would like to discuss how SecondSite™ can add value to your Disaster Recovery Plan, you can contact us at [sales@zettagrid.com](mailto:sales@zettagrid.com), or visit us online at [www.zettagrid.com](http://www.zettagrid.com)