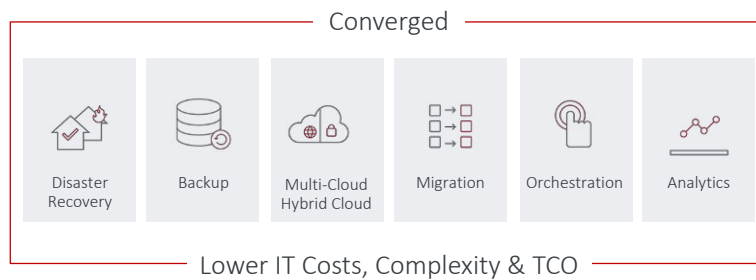




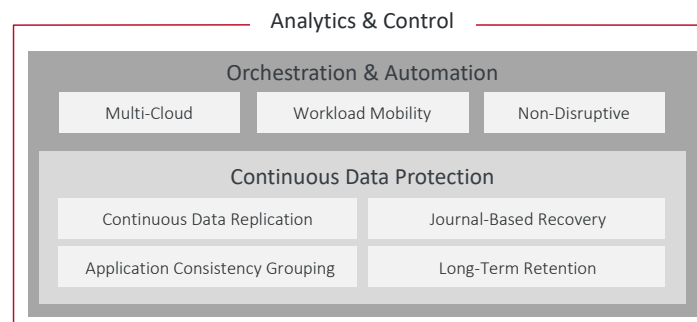
## Zerto 7.0 Platform Overview

Zerto first introduced hypervisor-based replication in 2011 and revolutionized disaster recovery for VMWare and Microsoft Hyper-V environments. Taking it into the Cloud, Zerto added support for Microsoft Azure, IBM Cloud and Amazon Web Services (AWS). Expanding its vision, Zerto now converges disaster recovery, backup and cloud mobility into a single IT Resilience Platform™. This allows you to replace multiple legacy solutions with a single, simple and scalable platform that delivers a continuous, always-on customer experience. Simplified workload mobility protects, recovers and moves applications freely across hybrid and multi-cloud environments with over 6,000 customers globally now relying on Zerto’s platform.



### Zerto IT Resilience Platform™

Zerto’s IT Resilience Platform converges disaster recovery, backup, and workload mobility whether on-premises or to, from and between hybrid and multi-cloud environments. Built on a foundation of continuous data protection (CDP) with built-in orchestration and automation capabilities, the platform provides you with simplicity, enterprise scale, and agile data protection to save time, resources and costs. Analytics, with intelligent dashboards and live reports, gives you complete visibility across multi-site and multi-cloud environments and instills confidence that business service levels and compliance requirements are met.



### Continuous Data Protection (CDP)

- **Continuous Data Replication** – Zerto delivers recovery point objectives (RPOs) of seconds by replicating every change that is generated in near real-time. Performed at the platform level, this enables continuous capability by removing any production impact.

- **Journal-Based Recovery** – All replicated changes are stored in a journal for up to 30 days providing incredible recovery granularity through checkpoints inserted every few seconds. This reduces data loss to just seconds by enabling recovery of files, VMs, applications or entire sites, either to the latest point-in-time or, for example, when the virtual machine (VM) is attacked by a virus or ransomware, to a point-in-time before the attack.
- **Application Consistency** – Today’s applications are rarely run on a single VM, but instead most applications have multiple VM dependencies. Traditional methods of protecting VMs individually result in significant challenges to recovering complete applications quickly. Zerto resolves this by using our Virtual Protection Group (VPG) capability. VPGs allow you to protect multiple VMs together in a consistent fashion, ensuring every point in time that is inserted into the Zerto Journal is from the same point in time for all VMs within the VPG. This allows consistent recovery of an entire application, and all its VM dependencies, to a consistent point in time.
- **Long-Term Retention** – Compliance standards often require you to keep, and ultimately recover data, for longer than 30-days. Long-term retention utilizes your existing journal to store data from any point in time for days, weeks, months or even years with no production impact.
- **Scalability** – Zerto simplifies scaling the infrastructure to support disaster recovery. As a new virtual host is added, simply install a new virtual appliance. Although Zerto scales to support very large environments, it provides the same granularity for environments of all sizes, with the same capabilities and no production impact.

*As we grow, it's important we remain up and running to ensure our employees can serve our customers. Zerto allows us to meet the RPO/RTOs we need to keep up with our customers' needs.*

Rich Kocielko

**Sr. Storage and Backup Administrator,  
Lippert Components**

## Orchestration & Automation

Built in orchestration and automation enables faster management of workloads at scale with minimal touch, allowing IT resources to shift their focus toward innovation and services that help your business run more efficiently.

- Zerto’s platform supports your multi-cloud and hybrid cloud strategy, including VMware, Hyper-V, Azure, IBM Cloud, AWS and hundreds of Cloud Service Providers (CSPs).
- All recovery settings are configured up-front, such as boot order and re-IP failover, well before any disaster or other event occurs, thus greatly simplifying the recovery process. In fact, it’s so simple, any member of your IT team could perform it in just 3 clicks.
- You can configure different settings for test failovers, ensuring that test failovers/moves can be run at any time with zero impact on production or protection.

## Analytics & Control

Zerto Analytics, included in the IT Resilience Platform, provides one single, comprehensive view of your entire multi-site, multi-cloud environment. Built-in intelligent dashboards provide real-time and historical analysis of the health and protection status of your applications and data. Metrics such as average RPO, network performance, and storage consumption, help you spot trends, identify anomalies, and troubleshoot issues. The powerful resource planning capability continuously monitors and analyses compute, storage and network resources across on-premises environments and public, private and hybrid clouds to give you confidence of your resource requirement needs. ‘What-if’ scenario modelling delivers accurate planning of future storage, compute and network resources. Zerto Analytics helps you make better informed decisions and plans, to achieve an efficient, IT resilient mode of operation.

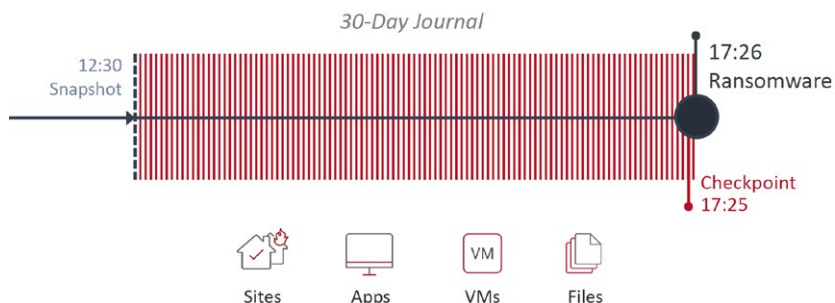
*I have been utilizing the Zerto Analytics dashboard a lot more lately. It's saved me a bunch of time in verifying VPG health on Mondays.*

Sr. Systems Engineer  
**Leavitt Group**

# Capabilities of the Zerto IT Resilience Platform™

## Disaster Recovery

Built from the ground up to be the simplest, yet most powerful solution for virtualized infrastructures, Zerto addresses all your replication, recovery orchestration and automation needs in one single software platform. The platform allows you to recover one, all or a subset of virtualized applications from anywhere to anywhere, maximizing the benefits of virtualization and cloud.



Through native integration into all supported platforms, Zerto not only allows replication and recovery between any storage arrays, but it also protects across and between multiple hypervisors and public cloud platforms. This market leading technology delivers the best of breed business continuity and disaster recovery solution irrespective of underlying hypervisor, public cloud or storage.

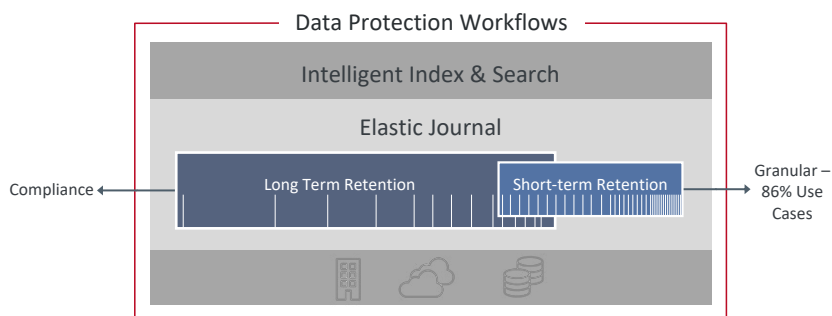
## Backup

Zerto has revolutionized backup. Its continuous data replication and journaling technology allow you to achieve RPOs of seconds using journal checkpoints, even up to 30 days ago, instead of the traditional 24-hour recovery time frame. Recover files, applications, VMs, or even entire datacenters by merely pressing a virtual “rewind” button.

Most granular-level recovery use cases—such as file deletions, database corruption, or ransomware—only entail short-term retention and Zerto’s 30-day journal can be utilized for those requirements. However, you may also have compliance requirements to store data for longer retention periods going back years. This is where Zerto’s Elastic Journal concept delivers value.

*The ability to manage our DR and backup through a single platform will be a game-changer. DR and backup are each time-intensive and are redundant tasks for our IT team. With the convergence of the two, we’ll see much less of our team’s time spent managing them separately, freeing them up to work on other important IT needs. We also anticipate significant efficiency increases through the ability to replicate once for both DR and backup, not only saving time but saving costs.*

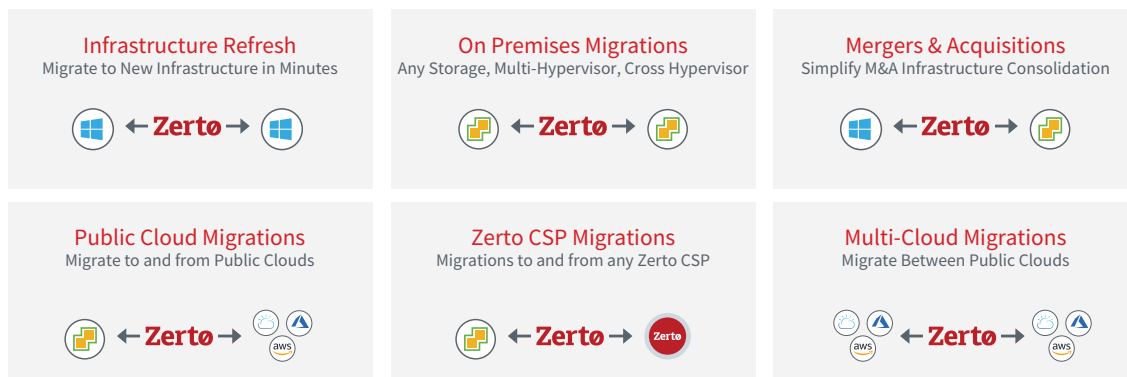
Michael Sallie  
**Senior Systems Engineer of Yanfeng Automotive Interiors**



The Zerto Elastic Journal brings together both short and long-term retention for data protection. Using unified data protection workflows, powered by intelligent index and search, it enables quick recovery of data—regardless of whether it’s from a few seconds or a few years ago. Data gets copied from the short-term retention journal into the long-term retention repositories according to your requirements. As the short-term journal is already stored on the target side, moving data to long-term retention repositories has no impact on production, so copies can be taken as often as needed, eliminating the concept of “backup windows.”

## Cloud and Workload Mobility

Zerto's IT Resilience Platform removes limitations that have traditionally made migrations lengthy and challenging. By delivering an agnostic approach to replication, hardware, hypervisor, and cloud, vendor lock-in is removed. This enables true workload mobility across any platform without the need for manual conversions or implementations. The Zerto journaling technology allows for testing and validation prior to any live migration, providing you with peace of mind. With continuous data protection, the traditional migration window can be reduced from days to just a few minutes, with no impact on the production environment.



Zerto's IT Resilience Platform provides replication, orchestration, and automation together in one comprehensive interface, eliminating the need for additional tools. This makes Zerto the industry standard for fast, seamless and cost-effective data center migrations.



**READ THE ARCHITECTURE GUIDE FOR THE IT RESILIENCE PLATFORM**

**Don't Just Protect Your Business. Make It Resilient.**

## About Zerto

Zerto helps customers accelerate IT transformation by eliminating the risk and complexity of modernization and cloud adoption. By replacing multiple legacy solutions with a single IT Resilience Platform, Zerto is changing the way disaster recovery, data protection and cloud are managed. With enterprise scale, Zerto's software platform delivers continuous availability for an always-on customer experience while simplifying workload mobility to protect, recover and move applications freely across hybrid and multi-clouds. [www.zerto.com](http://www.zerto.com)

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