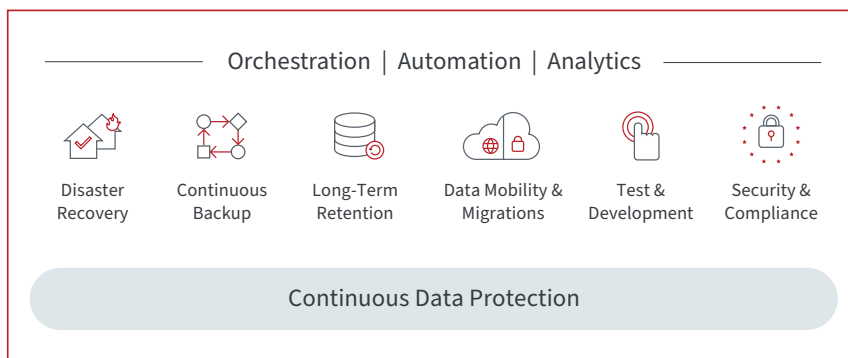




## Overview of the Zerto Platform

The Zerto platform, based on a foundation of continuous data protection (CDP) brings together disaster recovery, backup, and data mobility into a single and simple cloud data management and protection solution across on-premises, hybrid, and multi-cloud environments. Save resources and costs by replacing point solutions with Zerto's software-only platform. Benefit from a unified and automated recovery and data management experience across virtualized, containerized, and cloud-native workloads. Zerto, a Hewlett Packard Enterprise company enables an always-on customer experience by simplifying the protection, recovery, and mobility of applications and data across private, public, and hybrid clouds. Zerto is trusted by over 9,000 customers globally and is powering offerings for Microsoft Azure, IBM Cloud, AWS, Google Cloud, Oracle Cloud, and more than 350 managed service providers.

### The Zerto Platform – Use Cases



#### Disaster Recovery

Zerto delivers the fastest recovery times to mitigate any disruption, including natural disasters, hardware failures, ransomware, and other planned or unplanned outages. [Learn More](#)

- Unlock RPOs of seconds and RTOs of minutes via always-on replication
- Perform a failover, failback, or move operations in just a few clicks
- Automated DR reporting for compliance
- Proactively failover to other sites before an incident
- Easily replicate to the public cloud, a service provider, or a secondary site without disruption

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**  
**of Yanfeng Automotive Interiors**

## Continuous Backup and Long-Term Retention

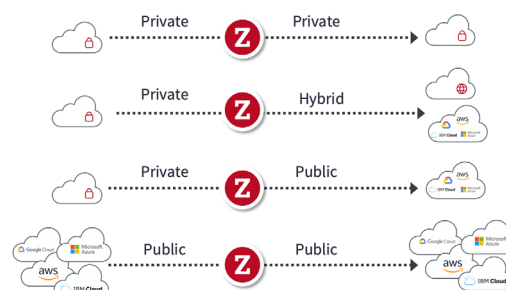
Simplify backup operations with Zerto's continuous backup powered by its unique journaling technology. Ensure an always-on customer experience by easily resuming operations. [Learn More](#)

- Achieve RPOs of seconds and RTOs of minutes
- Instantly restore files, folders, and VMs without impact to production
- Retain data in cost-effective storage on-premises or in public cloud (multiple storage tiers available) for compliance
- Easily recover multi-VM applications in a few clicks with write-order fidelity and consistency
- Recover from ransomware with only seconds of data loss and secure data with immutability
- Eliminate snapshot-based backup for good

## Data Mobility and Migrations

Freely migrate applications or entire data centers to, from, between on-premises sites or clouds without disruptions in just a few clicks. Easily manage cloud, merger, acquisition, and modernization initiatives. [Learn More](#)

- Migrate in and out of public clouds with ease, without vendor lock-in
- Easily test before committing to a migration with failover test and one-click rollback functionality
- No data loss, once you've synchronized the initial data to the target site, continuous data protection (CDP) maintains synchronization between the source and the target, at all times
- Zerto's platform supports your multi-cloud and hybrid cloud strategy, including VMware, Hyper-V, Azure, IBM Cloud, AWS, Google Cloud and hundreds of Managed Service Providers (MSPs)



## Test and Development

Speed up test and development by easily spinning up sandbox environments that only differ from their production counterparts by minutes. Then, leverage the sandbox for test and development, patch management, upgrade validation, or security scans—without slowing down production.

## Security

Zerto's easy, granular recovery experience enables rapid recovery from cyber-attacks and includes visibility and scanning capabilities. Remain proactive and alert to:

- Easily recover from a ransomware attack to a point in time just seconds before the event
- Perform security scans in an isolated environment before restoring to production
- Monitor network anomalies using Zerto Analytics

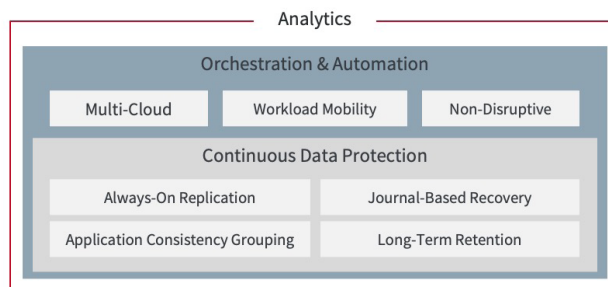
## Compliance

Zerto's automation and infrastructure flexibility deliver a simple, cost-effective experience for compliance:

- Archive, store, and monitor data as required to achieve compliance
- Automate compliance reporting for disaster recovery testing to meet compliance and regulatory mandates

## The Zerto Platform – How it Works

Zerto delivers one single, software experience for all recovery, restore, and migration scenarios. The Zerto platform is based on a foundation of continuous data protection (CDP) to deliver performance, recovery granularity, and to eliminate downtime and data loss. Combined with CDP, Zerto's built-in orchestration and automation simplify major operations such as failovers, fallback, moves, testing, and migrations to just a few clicks. Monitor performance, consumption, and even forecast future resources with built-in analytics that are available anywhere, on any device, to make sure your data is protected, and your resources are managed efficiently.



### 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. Near-synchronous replication performed at the hypervisor level has no impact on production, delivering granular recovery checkpoints, seconds apart.

**Journal-Based Recovery** – All checkpoints, seconds apart, are stored in a journal for to 30 days to deliver RPOs of seconds for DR and backup operations. Restore files, folders, and VMs, or recover entire applications and sites with virtually no data loss.

**Application Consistency** – Enterprise applications contain multiple VMs and dependencies. Traditional methods like incremental backup jobs bring significant challenges to recover applications consistently and with an acceptable RTO. Zerto resolves this by using our Virtual Protection Group (VPG) capability. VPGs allow you to recover an entire application (and all its VMs) in one click, at one consistent point in time.

**Long-Term Retention** – Meet compliance mandates and regulatory requirements for long-term retention, where data needs to be stored for months and years, while optimizing costs. With Zerto, data is incrementally copied from its journal into cost-effective storage on-premises or in the public cloud, driving cost optimization and elimination of lengthy backup windows.

### Orchestration & Automation

Built-in orchestration and automation enable faster management of workloads at scale with a few clicks, taking the pain out of even the most complex disaster recovery, backup, cloud migration, and infrastructure modernization projects so that IT resources can shift their focus toward efficiency, innovation and services that help your business run optimally.

- All recovery settings are configured up-front, such as boot order and re-IP failover, well before any disaster or other event occurs, greatly simplifying the recovery process. It's so simple, any IT team member can perform it in just 3 clicks
- Non-disruptive testing allows you to validate recoverability, perform a migration dry-run, or test against production replicas, with no production environment or protection impact.
- Flexible REST APIs fully automate the deployment & protection using ready-made examples

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, Senior Storage & Backup Administrator, Lippert**

## Analytics

Zerto Analytics, included in the Zerto platform, provides one single, comprehensive view of your entire multi-site, multi-cloud environment. Zerto Analytics helps you make better -informed decisions and plans to achieve an efficient, IT resilient mode of operation.

- Provide multi-site, multi-cloud visibility, including a mobile app for monitoring SLAs from anywhere
- Compliance reporting – pass audits and stay in compliance with built-in reporting and testing with no impact on your environment
- Forecast future infrastructure needs with the Resource Planner (within Zerto Analytics). Enable accurate infrastructure planning using your own application data. Predict and size your protection needs for protected and unprotected VMs
- Live backup reporting. Ensure you have the right data, right when you need it across all resources and restore operations

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**

Try Zerto for free through our on-demand labs or in your own environment with a free trial license.



**TRY IT NOW**

## About Zerto

Zerto, a Hewlett Packard Enterprise company, empowers customers to run an always-on business by simplifying the protection, recovery, and mobility of on-premises and cloud applications. Zerto's cloud data management and protection platform eliminates the risks and complexity of modernization and cloud adoption across private, public, and hybrid deployments. The simple, software-only platform uses continuous data protection at scale to converge disaster recovery, backup, and data mobility. Zerto is trusted by over 9,500 customers globally and is powering offerings for Microsoft Azure, IBM Cloud, AWS, Google Cloud, Oracle Cloud, and more than 350 managed service providers. [www.zerto.com](http://www.zerto.com)

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