

HPE Zerto Software for State and Local Government

Resilience Meets Simplicity

“HPE Zerto Software has dramatically improved our continuity to keep data running and replicated across all our locations, and ensures we can recover data and keep IT running to support Tyler’s public safety and public works in the event of a disaster.”

Benny Yazdanpanahi
CIO, City of Tyler, Texas

State and local government agencies function as critical service providers serving both internal entities (various government departments) and external customers (constituents). To fulfill their mandates effectively, these agencies must maintain high service levels (SLAs) and deliver an exceptional service experience. Ensuring the resilience and availability of applications and data is essential in achieving these objectives. HPE offers a comprehensive solution tailored to meet these needs by safeguarding their operations, ensuring continuity of services, and supporting their hybrid cloud journey.

High Service Levels and Service Experience

For state and local agencies, maintaining high SLAs and delivering a seamless service experience is paramount. With HPE Zerto Software continuous data protection (CDP) and unique journaling technology, agencies can achieve the industry’s lowest recovery time objectives (RTOs) and recovery point objectives (RPOs), thus preserving the integrity and availability of critical services. In the event of a disruption, HPE Zerto rapid recovery capabilities enable near-instant restoration of applications and data, minimizing downtime and providing uninterrupted service delivery to constituents.

Achieving Availability through Resilience

The resilience of services is a cornerstone of effective government operations. HPE Zerto disaster recovery capabilities are designed to make sure that applications and data remain available even during unforeseen events. This robust disaster recovery mechanism is essential for maintaining public trust and offering continuity of operations.

Agencies can rewind to seconds before a disruption, including ransomware attacks, ensuring minimal data loss and rapid recovery. Additionally, HPE Zerto automated failover and failback processes provide quick and reliable recovery, reducing the impact of outages on service delivery and helping agencies continue to operate without interruption.

Take it a step further with the HPE Cyber Resilience Vault to add an additional security layer. It is a last line of defense with an isolated recovery environment and immutable data vault. This air-gapped solution, built on zero trust architecture, leverages HPE Zerto replication and journaling capabilities along with industry-leading hardware from HPE, providing rapid recovery even after severe cyberattacks. Agencies can rely on the vault to recover quickly and securely for continued service delivery.

Simplifying Data and Application Migration

As a result of the upcoming disruption in the virtualized marketplace, state and local agencies have increasingly moved toward cloud adoption strategies. HPE Zerto supports seamless cloud integration, allowing agencies to leverage the benefits of both public and private cloud environments.

Solution brief

For example, a county health department can use HPE Zerto to migrate its patient records and applications from an on-premises data center to a public cloud provider, offering data integrity and service availability during the transition. Furthermore, HPE Zerto supports migration between cloud platforms, allowing a state transportation agency to move its traffic management applications from one cloud provider to another without disruption, thus optimizing costs and performance.

This integration provides scalability and flexibility, enabling agencies to adapt their IT infrastructure to meet changing requirements and workloads. The HPE cloud-agnostic approach helps agencies scale their operations as needed, while a unified management console simplifies the monitoring and management of hybrid cloud environments, reducing complexity and administrative overhead.

Enhancing Ransomware Resilience

Ransomware attacks are a growing threat to government agencies. The HPE Zerto solution provides built-in detection for encryption anomalies, alerting agencies to potential cyber-threats at the moment of impact. This early warning system enables immediate response, mitigating the effects of ransomware attacks. What's more, HPE Zerto industry-leading SLAs can deliver mere seconds of data loss and minutes of downtime, allowing for the continuity of operations no matter what happens.

Why Choose HPE Zerto Software for State and Local Agencies?

Continuous data protection:

- Guarantee uninterrupted access to data and apps for both agencies and constituents.
- Reduce downtime during system updates, providing continuity with no interruptions.

Data protection and recovery:

- Detect potential cyber-threats in seconds with built-in anomaly detection.
- Protect against data loss with HPE robust backup and recovery solutions.
- Restore critical information swiftly, reducing the impact of unforeseen events.

Scalability:

- Accommodate the evolving needs of your agency with HPE scalable solutions. Easily expand your infrastructure without compromising on data integrity.
- Compliance and security meet data protection regulations, safeguarding sensitive agency and constituent information. Implement robust security measures to prevent unauthorized access and data breaches.

User-friendly interface:

- Simplify data management with an intuitive and user-friendly interface, reducing the learning curve for IT administrators.

Learn more at

HPE.com/Zerto

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