

Modern Tools for Disaster Recovery and Data Protection

Achieve an Uninterrupted Business

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Enterprise company

Agenda

- What is the difference between Backup and DR?
- What is the standard approach?
- What are the problems that customers face?
- How can Zerto help?

Disaster Recovery vs Backup

DR

Protects against site failure

Method - streaming

Low RTO

Automatic at best

Backup

Host failure, human error..

Snapshots, schedules

High RTO

Mostly manual recovery

Ultimately the same goal but different tools.

TOP CUSTOMER CHALLENGES



Ransomware

\$265B estimated cost of ransomware by 2031



Unplanned/Planned Disruptions

62.9% organizations have suffered a disruption



Cloud Complexity

By 2025, **100 zettabytes** of cloud data

Need 24x7: No downtime and no data loss

EVOLUTION OF DATA PROTECTION



DISASTER RECOVERY

Infrastructure Failures

Natural Disasters

Mission-Critical
Applications

REPLICATION



BACKUP

User Errors

Compliance

Corruptions

Legal Requirements

All Other Applications

PERIODIC SNAPSHOTS

EVOLUTION OF DATA PROTECTION



DISASTER RECOVERY

Infrastructure Failures

Natural Disasters

Mission-Critical
Applications

CONTINUOUS DATA
PROTECTION



BACKUP

User Errors

Compliance

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Legal Requirements

All Other Applications

PERIODIC SNAPSHOTS

EVOLUTION OF DATA PROTECTION



DISASTER RECOVERY

Infrastructure Failures

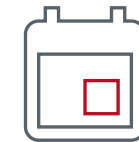
Natural Disasters



BACKUP

User Errors

Corruptions



LONG-TERM RETENTION

Compliance

Legal Requirements

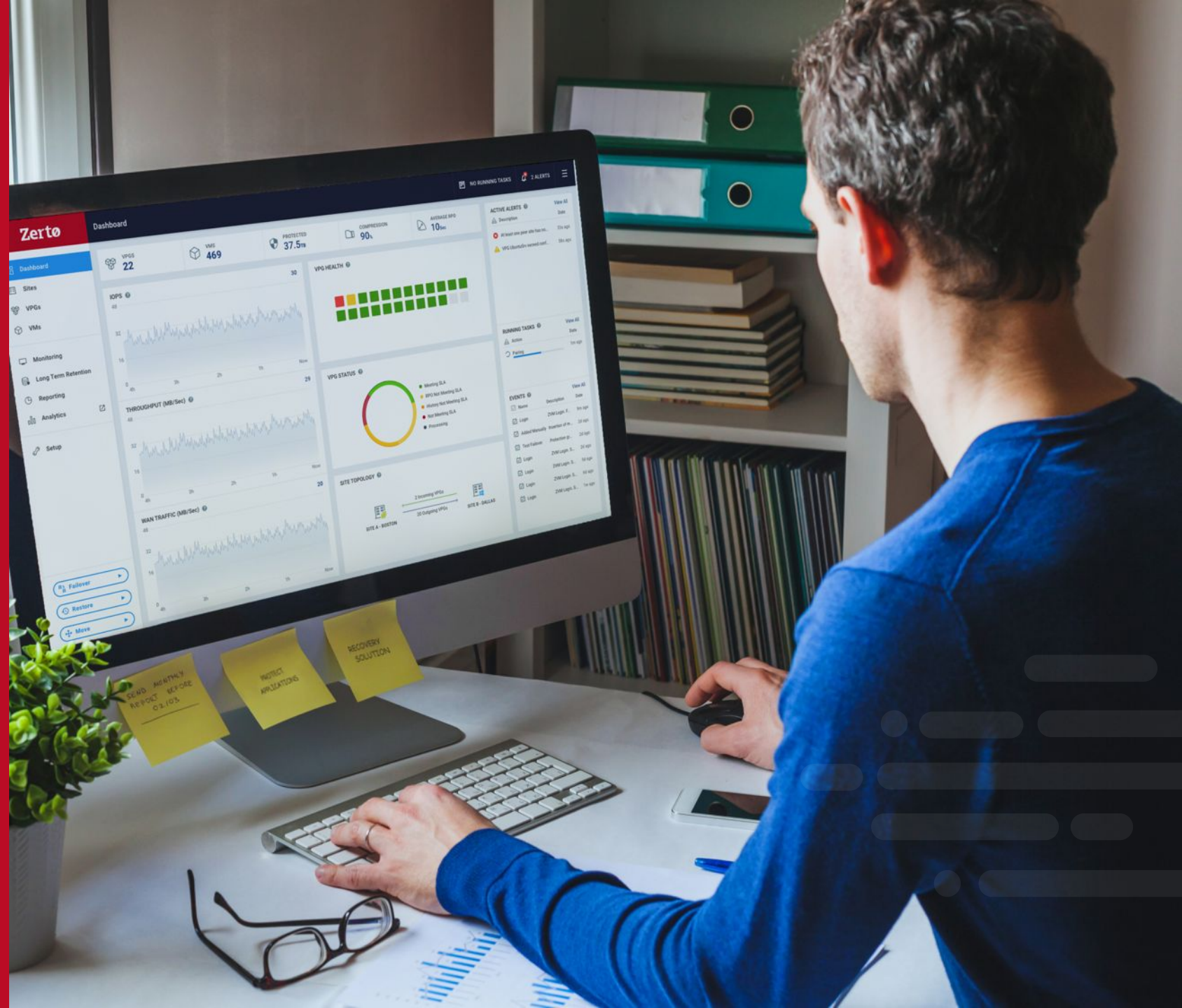
All Applications

CONTINUOUS DATA PROTECTION

Private, Public, Hybrid, and Cloud Native

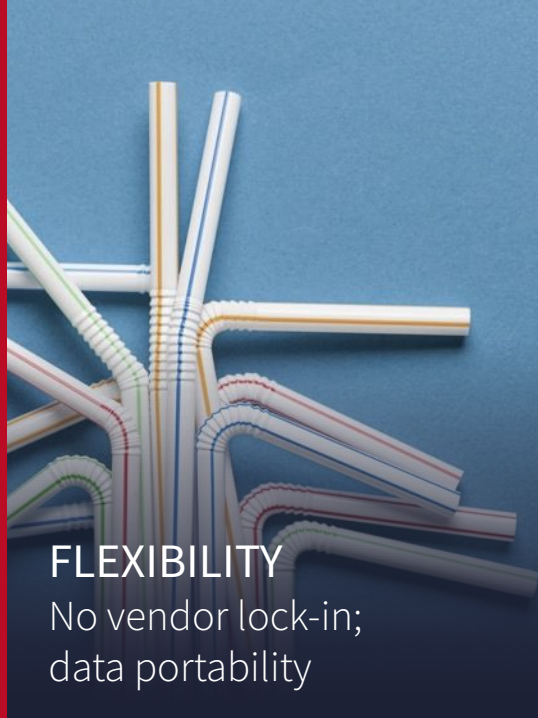
WHAT WE DO

Manage, protect, recover, and move data and applications across on-premises and cloud with a simple, scalable platform

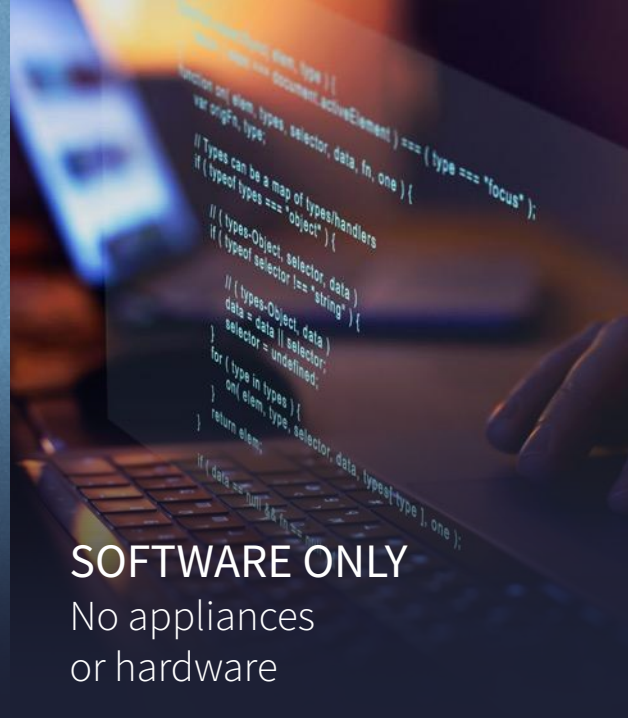


KEY BENEFITS

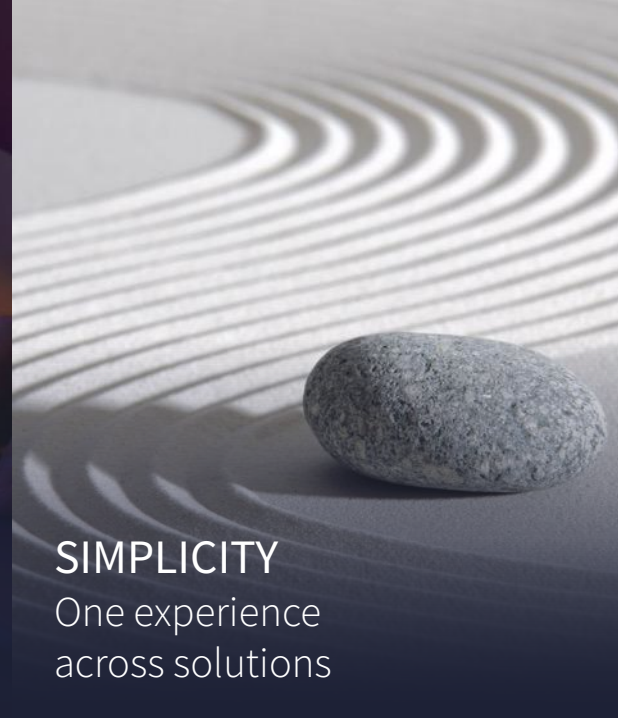
Zerto Platform



FLEXIBILITY
No vendor lock-in;
data portability



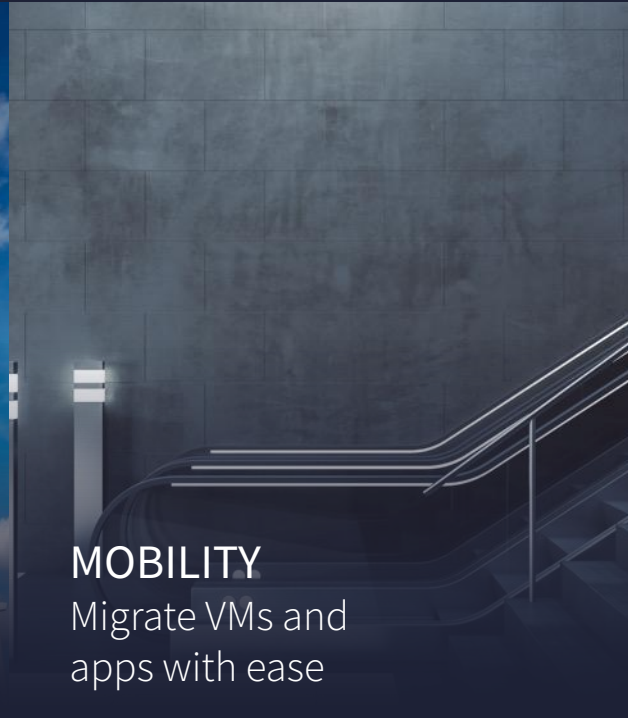
SOFTWARE ONLY
No appliances
or hardware



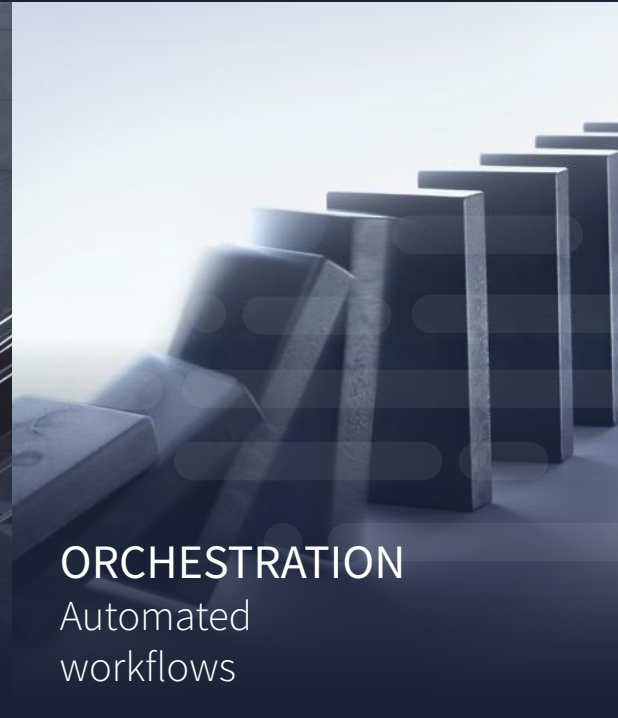
SIMPLICITY
One experience
across solutions



SCALABILITY
Scale-out architecture
built for the enterprise



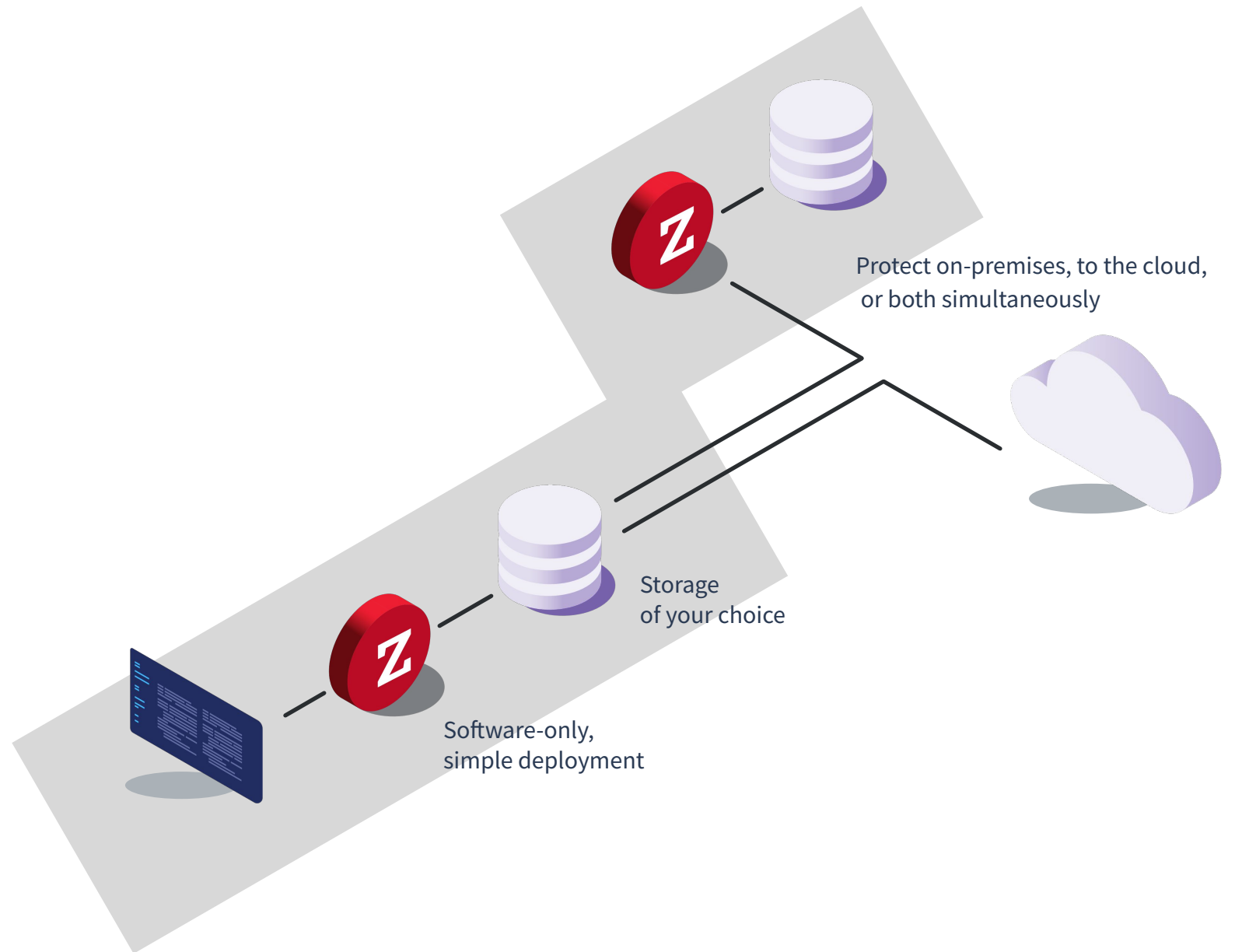
MOBILITY
Migrate VMs and
apps with ease



ORCHESTRATION
Automated
workflows

NEAR-SYNCHRONOUS REPLICATION

- ▶ No production impact
- ▶ No scheduling, snapshots, or agents
- ▶ Hardware and storage-agnostic
- ▶ Always-on, always protected



▶ CONTINUOUS DATA PROTECTION

▶ HYBRID AND MULTI-CLOUD

▶ SIMPLICITY AT SCALE

GRANULAR POINT-IN-TIME RECOVERY WITH THE ZERTO JOURNAL

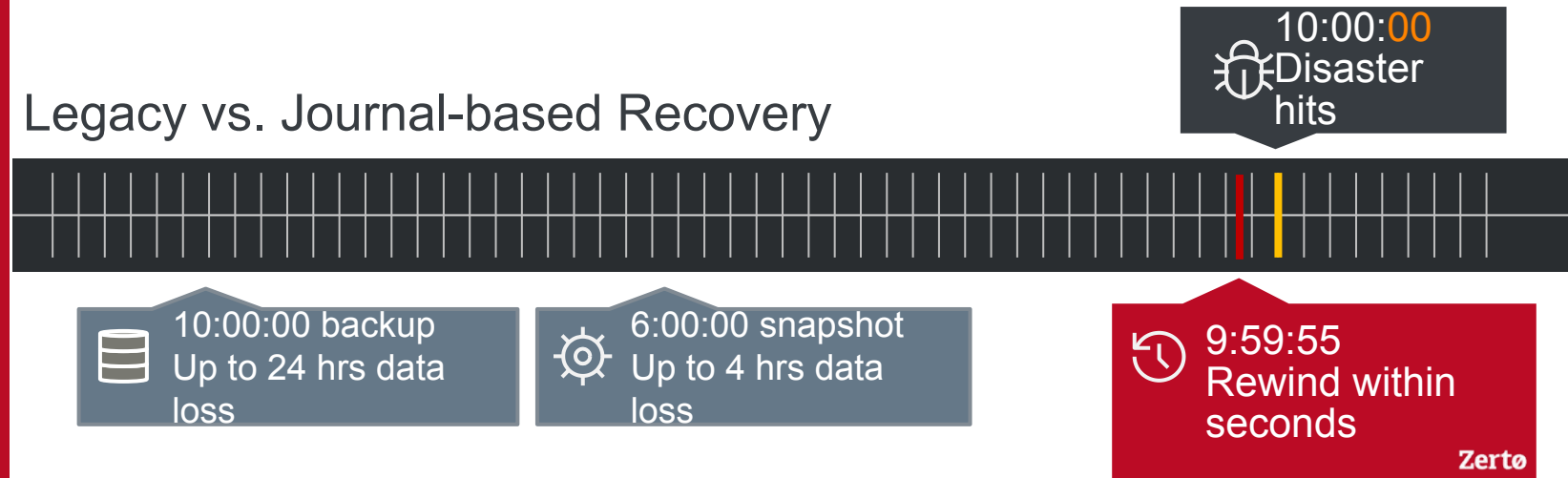
- ▶ Recover in minutes to seconds before an attack or disruption
- ▶ Fastest RPOs and RTOs
- ▶ Neutralize ransomware threats

▶ CONTINUOUS DATA PROTECTION

▶ HYBRID AND MULTI-CLOUD

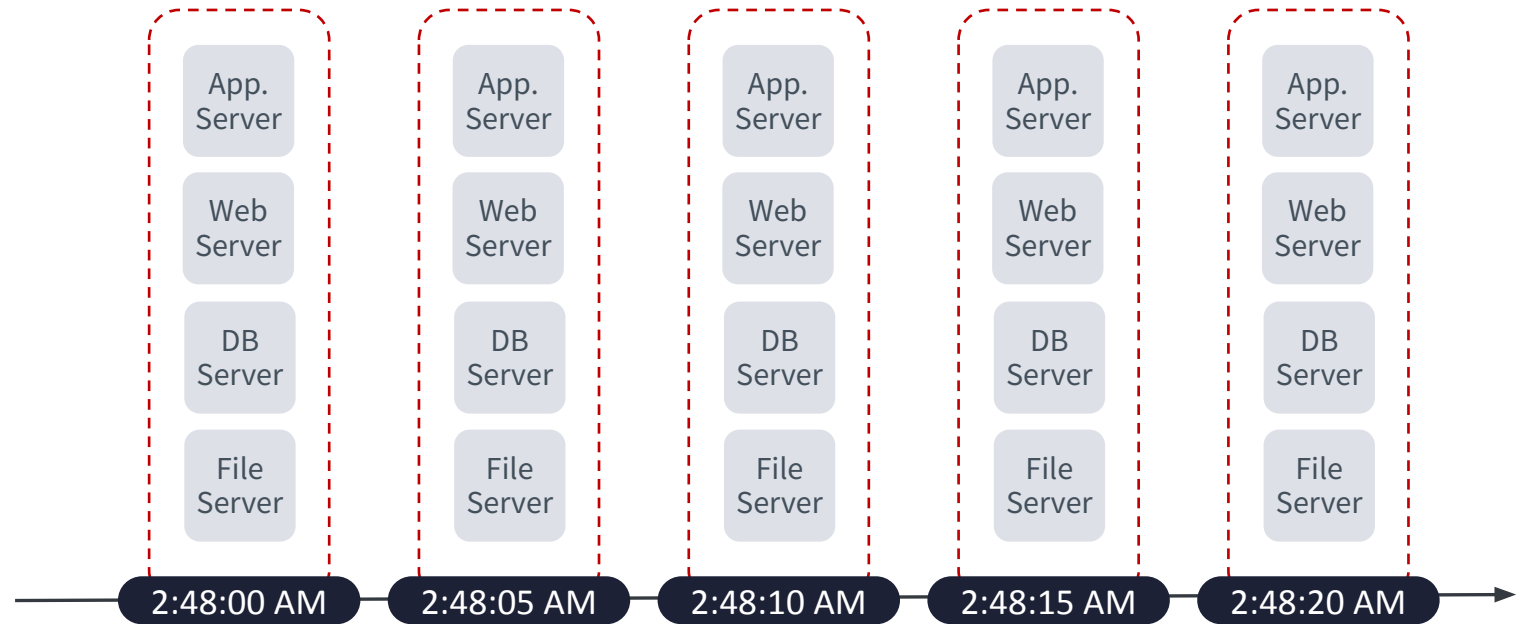
▶ SIMPLICITY AT SCALE

Legacy vs. Journal-based Recovery



APP-CENTRIC RECOVERY

- ▶ Write order fidelity across entire multi-VM application stack
- ▶ No staggered backup windows



Applications recovered as a single entity

▶ CONTINUOUS DATA PROTECTION

▶ HYBRID AND MULTI-CLOUD

▶ SIMPLICITY AT SCALE



UNLOCKING CLOUD

- ▶ Scale-out architecture built for the enterprise
- ▶ Leverages native services, e.g. scale sets, queues, storage
- ▶ Seamless VM mobility & conversion from on-premises to native cloud

Disaster Recovery and Backup

Protect applications with cloud DR and repository for long-term retention

Disaster Recovery within Cloud

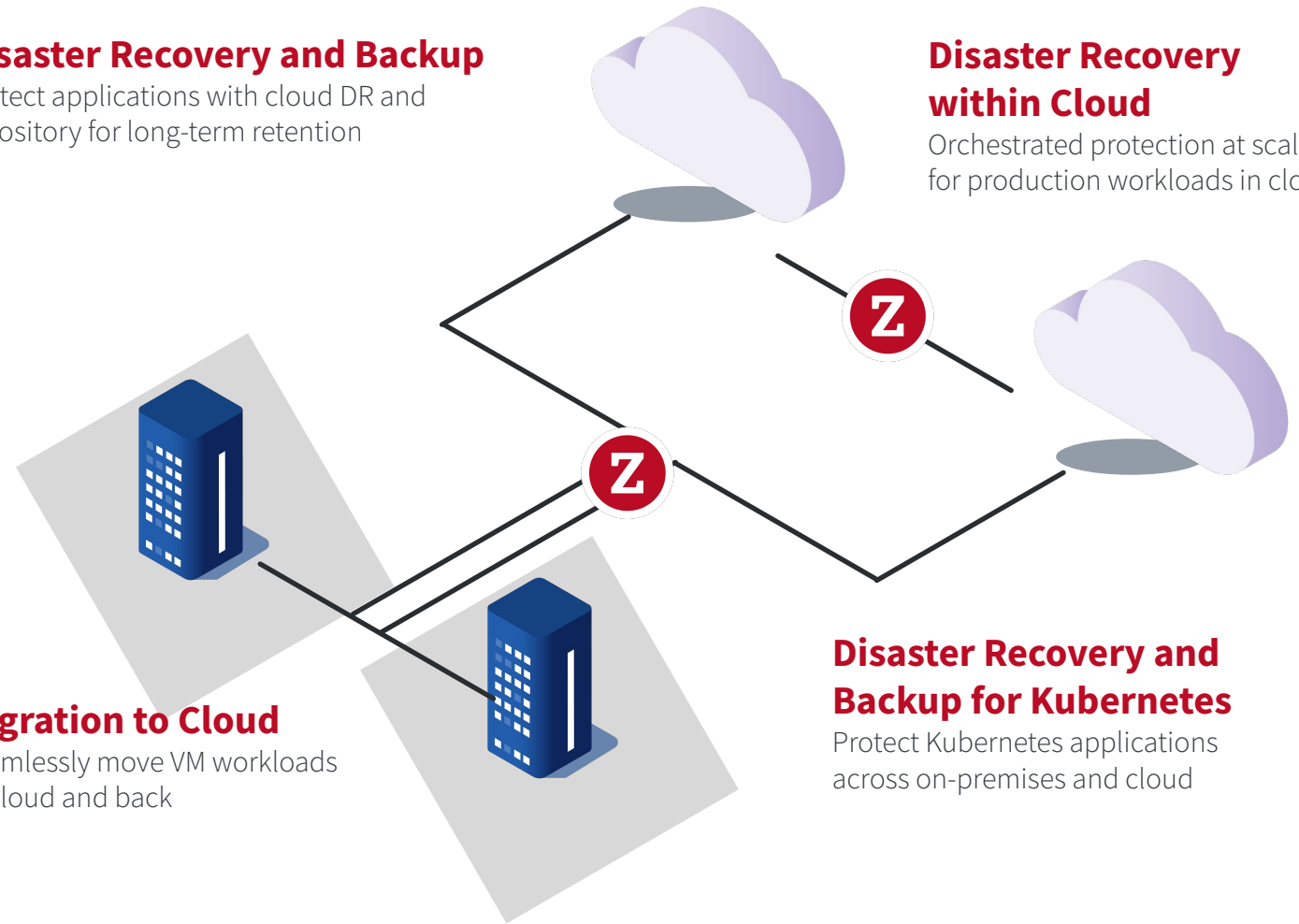
Orchestrated protection at scale for production workloads in cloud

Migration to Cloud

Seamlessly move VM workloads to cloud and back

Disaster Recovery and Backup for Kubernetes

Protect Kubernetes applications across on-premises and cloud



▶ CONTINUOUS DATA PROTECTION

▶ HYBRID AND MULTI-CLOUD

▶ SIMPLICITY AT SCALE

vmware®

Microsoft Azure

Google Cloud

aws

IBM Cloud

ORACLE
CLOUD

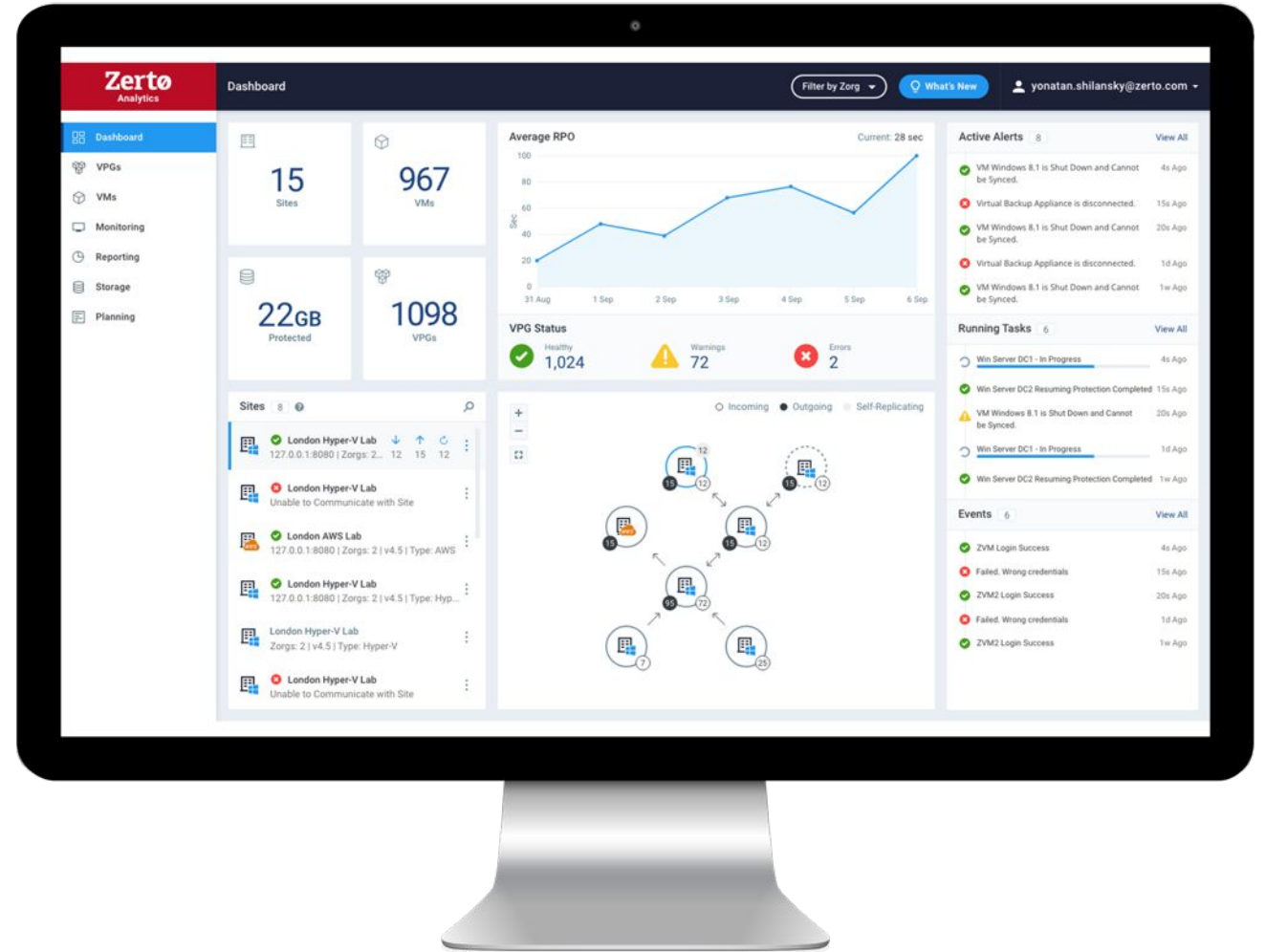
ORCHESTRATION, AUTOMATION, AND ANALYTICS

- ▶ Easy interoperability with your existing tech stack
- ▶ Non-disruptive testing with ready-made compliance reporting
- ▶ Protect and mobilize at scale for 1000s of VMs and petabytes of data

▶ CONTINUOUS DATA PROTECTION

▶ HYBRID AND MULTI-CLOUD

▶ SIMPLICITY AT SCALE

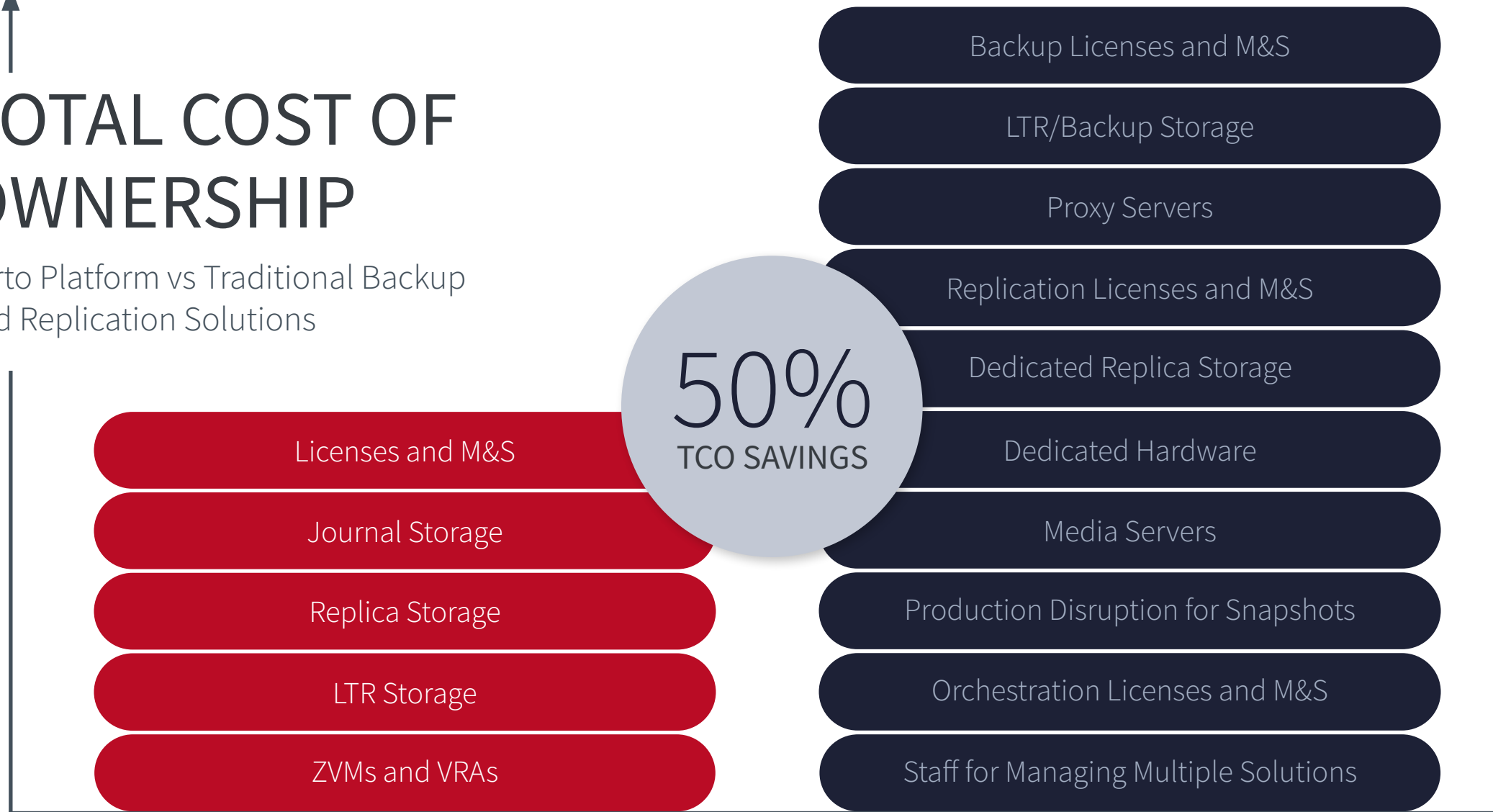


Full multi-site visibility and predictive analytics



TOTAL COST OF OWNERSHIP

Zerto Platform vs Traditional Backup and Replication Solutions



ZERTO – ONE PLATFORM

TRADITIONAL BACKUP AND REPLICATION

TRUSTED BY
9,500
CUSTOMERS



MCKESSON

KOHL'S



verizon



Charter
COMMUNICATIONS

FRONTIER



Talbots



spirit



COLE HAAN



U-HAUL





Thank
You

Zerto

a Hewlett Packard
Enterprise company