

LTZERO SS7200

DEDUPLICATION APPLIANCE

UP TO
40
TB/HOUR

BACKUP & RESTORE
PER SERVER

High-Performance Deduplication.
Immutable Protection. Lower Costs.

The LTZERO SS7200 is a purpose-built deduplication appliance that delivers enterprise-grade backup performance, immutable protection, and massive storage savings. Designed for on-prem and cloud environments, SS7200 helps organizations simplify data protection, strengthen cyber resilience, and reduce total cost of ownership.



KEY BENEFITS



UP TO 95% DATA REDUCTION

Advanced, patent-backed deduplication dramatically cuts backup storage needs and reduces network traffic.



LOWER STORAGE COSTS

Reduce total storage expenses by 60% or more with powerful deduplication and compression.



RANSOMWARE RESILIENCE

Air-gapped, immutable backups enable fast recovery from any point in time.



SEAMLESS BACKUP CONSOLIDATION

Fully compatible with existing backup software and infrastructure—no disruptive changes required.



SECURE OFFSITE PROTECTION

Meet compliance and cyber insurance requirements with easily managed offsite data copies.



BUILT-IN DISASTER RECOVERY

Fast replication supports on-prem to cloud and cloud-to-cloud recovery.



MULTI PROTOCOL SUPPORT

VTL, OST, NFS, CIFS ensures broad compatibility with diverse applications and workflows.



UNMATCHED PRICE & PERFORMANCE

High-speed backups and restores at up to 40TB/hour per server—at a lower cost.

WHY LTZERO SS7200?



DEDUPLICATE

Inline deduplication and compression reduce data up to 95%.



PROTECT

Immutable backup with scheduled retention keeps your data safe from cyber threats.



IMMUTABLE

Snapshots cannot be modified or deleted manually during the retention period.



RECOVER

Fast and reliable recovery from any point in time—on-prem or in the cloud.



IMMUTABLE BACKUP PROTECTION

YOUR BACKUP. LOCKED UNTIL RETENTION ENDS.

LTZERO SS7200 uses immutable snapshots at the storage pool level to protect your backup data from accidental deletion, malicious attacks, and insider threats. With scheduled snapshots and retention policies, your recovery points are always safe, reliable, and ready when you need them.




DEDUPLICATED
STORAGE


IMMUTABLE
SNAPSHOTS


ENFORCED
RETENTION


RELIABLE
RECOVERY

HOW IMMUTABLE SNAPSHOT WORKS

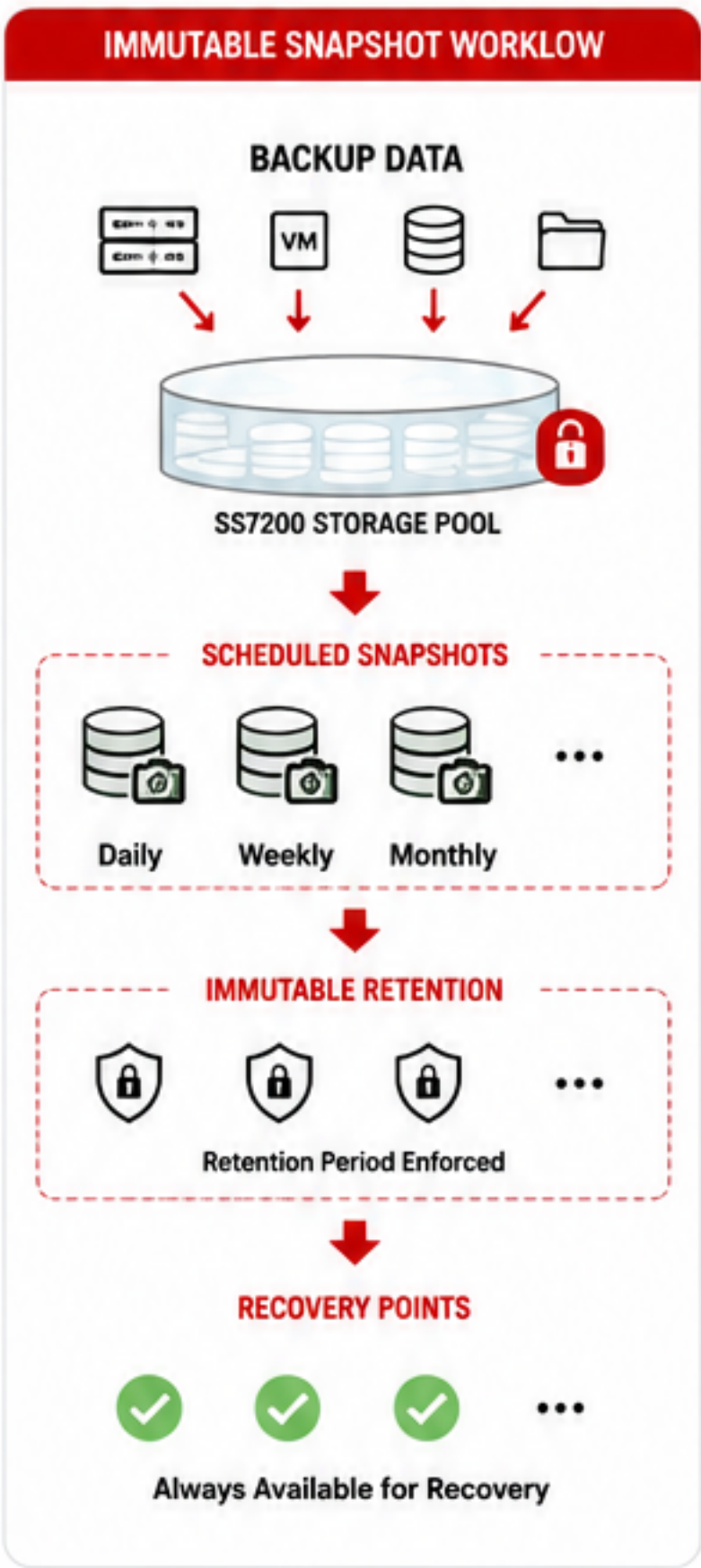
- **1 SNAPSHOT THE POOL**
SS7200 creates a point-in-time snapshot of the storage pool containing your backup data.
- **2 SCHEDULE PROTECTION**
Snapshots can be scheduled based on your data protection policy.

 Daily

 Weekly

 Monthly

 Custom
- **3 DEFINE RETENTION**
Define how long each snapshot should be retained to meet your compliance and recovery objectives.
- **4 RETENTION-ENFORCED PROTECTION**
Snapshots cannot be deleted, modified, or altered manually during the retention period — ensuring your data is protected from ransomware and malicious users.
- **5 AUTOMATIC EXPIRATION**
Snapshots are automatically expired only when the retention period ends as defined in the policy.



CYBER RESILIENCE BUILT-IN

 IMMUTABLE RECOVERY POINTS Retention-enforced snapshots ensure your backups are always available and untampered.	 AES-256 ENCRYPTION Encrypts data at rest and in transit to protect your backups end-to-end.	 RBAC & MFA SECURITY Role-based access control and multi-factor authentication prevent unauthorized access.	 AUTOMATED REPLICATION Replicate snapshots to offsite locations for disaster recovery and business continuity.	 S3 / CLOUD INTEGRATION Archive or tier immutable snapshots to object storage and public cloud for long-term retention.
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SS7200

FEATURES & BENEFITS

SS7200 is packed with enterprise-grade features designed to deliver high performance, maximum data protection, and unmatched value.

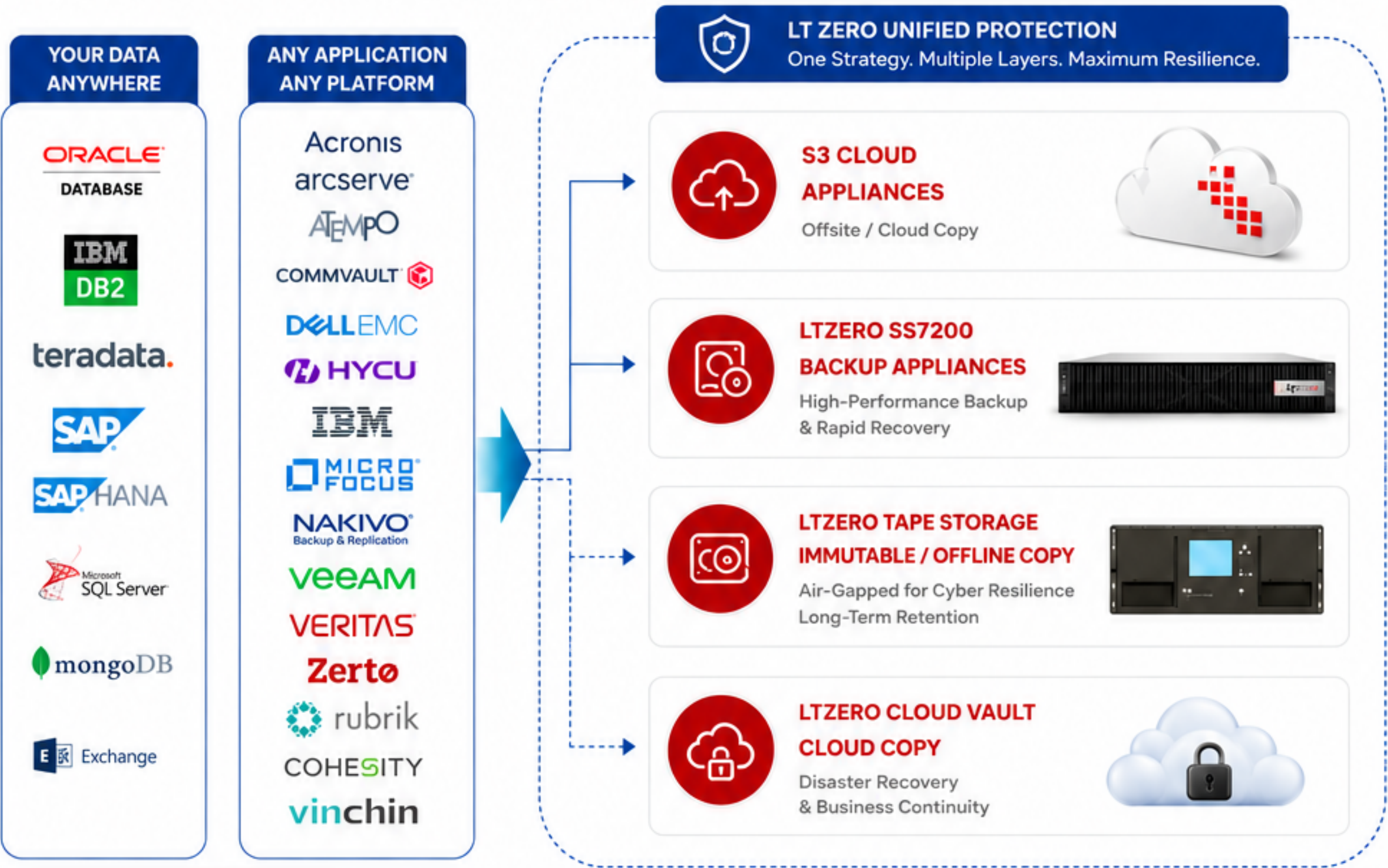


Feature	Benefits
 All flash performance	Faster backups and restores with high-speed all-flash design. Helps reduce downtime, supports frequent testing, and improves protection against ransomware.
 VTL Support	Uses familiar tape workflows with disk-based speed. Shortens backup windows and automatically moves data to physical tape for long-term retention.
 Intelligent Inline Deduplication & Compression	Reduces backup data size and network usage by removing duplicates and compressing data in real time—no extra staging area needed.
 Automated Offsite Replication	Automatically creates secure offsite copies for disaster recovery. Optimized for bandwidth efficiency and fast recovery across locations.
 S3 Object Storage Archive	Cloud Tiering can be used to archive virtual tape data to the cloud. Policies can be set on virtual tape libraries to automatically migrate tape data to object storage as soon as a backup is complete.
 Immutable Backup Protection	Prevents backup data from being changed or deleted during retention periods, helping ensure clean recovery from ransomware attacks.
 End-to-End Data Encryption	Protects data with strong AES-256 encryption at rest and in transit, keeping backups secure at all times.
 Secure Access Control	Ensures only authorized users can access data with role-based access, multi-factor authentication, and detailed activity logs.
 Flexible Capacity Expansion	Easily scale storage as data grows by activating more capacity when needed—without replacing hardware.
 Advanced Monitoring & Reporting	Provides clear visibility into system performance, capacity usage, and data savings to simplify management and planning.
 Broad Backup Software Compatibility	Works with leading backup applications, allowing you to keep existing tools and workflows.
 Virtualised Deployment Flexibility	Deploy as a virtual appliance or cloud instance, supporting on-premises, cloud, and hybrid environments.

Scalable and Cost-Optimized 3-2-1-1 Data Protection Design

LTZERO SS7200 forms the foundation of a cost-effective 3-2-1-1 data protection strategy by efficiently processing incoming backup streams to reduce storage footprint and network bandwidth consumption. The platform integrates with physical tape libraries, object storage, and public cloud targets to support backup, disaster recovery, and long-term data retention.

The solution provides in-flight and at-rest encryption, immutable storage, secure access protocols, multi-factor authentication, and role-based access control (RBAC) to protect backup data from cyber threats.



At the forefront of technology, LT ZERO is a next-generation Data Management company delivering AI-ready, high-performance, flexible, and cost-effective solutions for enterprises managing data at scale. Our portfolio spans distributed file systems, NAS platforms, unified storage appliances, cloud-integrated tape libraries, and turnkey archival systems — all designed to simplify data management across the entire lifecycle.

From performance-intensive workloads such as AI, research, analytics, and media to long-term archival and compliance requirements, LT ZERO solutions provide the ideal balance of speed, scalability, and efficiency.



SECURE & RESILIENT BY DESIGN

In-flight and at-rest encryption, immutable storage, RBAC, and MFA protect your data from modern cyber threats.



COST-EFFECTIVE PROTECTION

Inline deduplication and compression reduce storage footprint and network bandwidth consumption.



FLEXIBLE & INTEGRATED ARCHITECTURE

Seamlessly integrates with tape libraries, object storage, and cloud platforms to support backup, DR, and long-term retention.



BUILT FOR PERFORMANCE AT SCALE

High-speed backups and restores up to 40TB/hour per server with enterprise-grade reliability.



3-2-1-1 STRATEGY MADE SIMPLE

Achieve a robust and compliant data protection strategy with immutable backups, offsite copies, and air-gapped or cloud archives.

