

vinchin

Vinchin Backup & Recovery

# Building Long-Term Cyber Resilience Through Unified Data Protection



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# Digital Transformation and the Data Protection Imperative

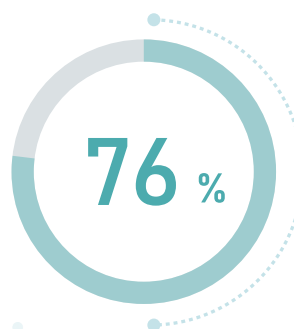
The scale of global data generation is expanding at an unprecedented rate as digital transformation accelerates across industries. Analysts estimate that the global datasphere will exceed 300 zettabytes by 2027, driven by cloud adoption, connected devices, and real-time data processing. Industry forecasts further indicate that global data production could approach 500 zettabytes by the end of the decade, highlighting the exponential impact of digitization on business and society.

At the same time, modern IT infrastructures deliver greater agility but also amplify risk exposure. Recent research shows that 89% of organizations report gaps in their data protection capabilities, while 76% have experienced at least one ransomware incident in the past year, underscoring the growing complexity of the threat landscape.

As cyber threats continue to evolve in frequency and sophistication, backup remains the last line of defense to ensure data resilience and business continuity in the face of disruption.



89% of organizations reported that their data protection capabilities were insufficient.



76% experienced at least one ransomware incident in the past year

# Vinchin: Powering Data Protection in a Digital-First World

Founded in 2015, Vinchin has become a globally popular backup and disaster recovery solution, trusted by over 30,000 organizations for its innovation, reliability, and ability to safeguard critical business data across diverse IT environments, including cloud, virtual, physical, application, and SaaS systems.

Vinchin began with virtual machine backup and has steadily expanded to provide full-spectrum platform-oriented data protection, covering backup, real-time protection, disaster recovery, ransomware protection, recovery verification, and workload migration.

Serving organizations in 170+ countries and protecting over 6 million of workloads, Vinchin has proven its excellence in delivering scalable, intelligent, and future-ready solutions, positioning itself as a strategic partner for enterprises seeking reliable and forward-looking data protection.



5.0 ★★★★★

## Comprehensive Disaster Recovery with Multi-platform Support and Limited Cloud Integration

Reviewed On Nov 10, 2025

Reviewer Function: It

Company Size: <50m Usd

Industry: Telecommunication Industry

Vinchin offers fast, secure and flexible backup solutions with powerful disaster recovery and multi-platform VM protection. It ensures safe data storage, quick recovery and intelligent handling of sensitive information.

# Vinchin's Four Pillars of Data Protection



## Integrated

As a full-spectrum data protection provider, Vinchin safeguards a wide variety of workloads, including virtual machines, public cloud resources, operating systems, unstructured data, databases, applications, and containers. It delivers multiple capabilities such as backup, recovery, validation, disaster recovery, and migration. Vinchin supports diverse architectures including x86, C86, and ARM, and integrates with on-premises, external, cloud, online, and offline storage—providing end-to-end coverage across the entire IT ecosystem.

Vinchin ensures data integrity and protection through immutable backup, making your backup safe on various storage. The platform can perform virus scanning in isolated sandbox environments within its disaster recovery testing system to ensure safe recovery. Combined with access control, full scope activity auditing, and advanced ransomware mitigation policies, Vinchin delivers a robust and secure data protection framework.



## Secure



## Resilient

Based on the proven 3-2-1 principle, Vinchin extends it to a 3-2-1-1-0-0 strategy to strengthen data resilience and ransomware protection, ensuring data remains secure, recoverable, and trusted. (3 copies · 2 media · 1 offsite · 1 immutable · 0 recovery failure · 0 unauthorized access) Vinchin offers flexible recovery options to meet diverse business requirements, including instant recovery, cross-platform recovery, granular recovery, and one-click emergency takeover via its built-in disaster recovery platform. These capabilities enable enterprises to achieve resilient and reliable recovery across different scenarios.

Vinchin embeds intelligence across backup, recovery, and validation workflows. Smart job orchestration automates backup, replication, validation, archiving, and migration processes based on scenario requirements, enabling efficient disaster recovery. Intelligent driver handling automatically manages recovery/migration drivers and boot repairs, reducing complexity and improving success rates.



## Intelligent



# Unified Protection Across Modern Workloads and Environments

A unified platform protecting all workloads across on-premises, cloud, and hybrid environments without architectural lock-in.



# | Customer Benefits



## Reliable Last Line of Defense

Backup serves as the final safeguard for data security. Vinchin ensures that, even if other security measures fail or critical systems are disrupted, businesses can reliably recover lost or damaged data and maintain continuous operations.



## Effortless IT Management

Vinchin's intuitive interface and clear operational logic make creating and managing backup, replication, and recovery tasks effortless. IT teams can easily oversee complex environments and respond quickly to evolving business challenges.



## Confidently Adapt to Change

With Vinchin, businesses can confidently handle changing workloads and IT infrastructure updates. Tasks and policies remain stable even when workloads move or new systems are introduced, ensuring continuous protection without disruption.



## Compliance Made Simple

Built-in retention, verification, disaster recovery, and automation policies enable enterprises to meet regulatory and compliance requirements with minimal effort, reducing operational risk while maintaining data integrity.



## Unibank, S.A.

Unibank, S.A. is the largest private bank in Haiti, leading in capital, profitability, and customer reach. With 43 branches, assets of US\$1.16 billion, and over 890,000 depositors, the bank operates a wide range of critical systems, with large volumes of data and key systems that need protection.

# Customer Story: Unibank, S.A.

## Customer Needs



Protect critical business systems on VMs to ensure fast recovery



Require disaster recovery across different locations and sites



Safeguard files on file servers and NAS data to prevent data loss



Need the ability to perform disaster recovery to cloud

## Vinchin's Solution



Deliver comprehensive backup for virtualized workloads to support stable operations and business continuity



Protect files on file servers and NAS with Vinchin's proprietary high-speed backup for fast and reliable recovery



Provide unified protection for databases to ensure consistent backups and rapid recovery of critical banking data



Enable offsite and cloud backups to improve disaster recovery readiness and long-term data resilience



Support V2V-based recovery from on-premises environments to the cloud for flexible disaster recovery





## National Container Terminal

National Container Terminals (NCT) operates the container handling services at King Abdullah Port in Saudi Arabia and is the nation's largest transshipment center. NCT relies on a variety of systems like container tracking and customer transaction management which needs protection.

# Customer Story: National Container Terminal

## Customer Needs



Manage a complex IT infrastructure critical to global supply chain operations



Ensure backups do not impact the performance of critical applications



Protect diverse systems and applications across multiple nodes and ensure RTO and RPO



Maintain flexibility to grow with evolving business needs

## Vinchin's Solution



Provide a unified VMware backup to safeguard virtual workloads with high efficiency, minimal impact, and simplified management across the data center



Apply LAN-Free data transmission to accelerate backup speed, reduce network congestion, and improve overall operational efficiency



Implement smart backup policies to optimize storage usage while consistently meeting strict RPO and RTO requirements



Protect multiple databases and applications to ensure data consistency, rapid recovery, and reliable business continuity



Support heterogeneous virtual environments for flexible growth, easy integration, and future IT infrastructure expansion

## Summary

Vinchin Backup & Recovery is a trusted enterprise-grade data protection brand, dedicated to helping organizations safeguard critical systems and maintain business continuity across virtualized, physical, and cloud environments. With a strong focus on reliability, performance, and ease of management, Vinchin empowers IT teams to protect essential data assets while minimizing operational complexity.

Committed to delivering scalable and future-ready solutions, Vinchin supports businesses in achieving resilience, operational efficiency, and long-term IT growth. Its solutions are designed to adapt to evolving enterprise needs, ensuring organizations remain agile in dynamic business environments.

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Find More Features of Vinchin Backup & Recovery:  
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