

# CUSTOMER STORY

“Vinchin's disaster recovery and backup system has played a vital role in safeguarding our university's data security. Their professional services and efficient systems have not only enhanced our data protection capabilities but also ensured the smooth operation of teaching and research activities. We sincerely thank Vinchin for their outstanding contributions and look forward to continuing our collaboration, driving the development of educational informatization together.”

The university's responsible instructor  
Fudan University

## Business Challenge

Fudan University is one of China's top comprehensive research universities and consistently ranks among the top 100 in the QS World University Rankings. As one of China's oldest and most prestigious institutions of higher learning, Fudan University is located in Shanghai, the country's economic and financial center. Renowned for its outstanding research capabilities, rich educational resources, and international approach to education, Fudan University enjoys a high academic reputation both domestically and internationally, attracting numerous talented students.

The university's business systems run on a VMware-based virtualization platform. As the information systems continue to expand, the amount of data also increases. Given the special nature of university data, the systems that carry this business data face extremely high requirements for disaster tolerance and backup. Traditional disaster recovery and backup methods are no longer sufficient for Fudan University's needs. To address this challenge, Vinchin has provided a new solution.

## Vinchin Solution

To address the growing data volumes and complex business demands at Fudan University, Vinchin Backup & Recovery provides a comprehensive solution. This solution supports real-time database backups, achieving an almost zero recovery point objective (RPO≈0). It automatically monitors and continuously captures data changes, ensuring that any data modifications are backed up in real time and accurately, while maintaining the complete availability of the data.

In addition, Vinchin offers flexible backup strategies, including full backups, incremental backups, differential backups, and permanent incrementals. These modes can be combined according to time schedules, enabling the university to flexibly select the most suitable backup plan based on their specific needs, effectively addressing various disaster recovery scenarios.

To address the issue of large data volumes in university databases, Vinchin employs its proprietary data deduplication and compression algorithms, which significantly reduce the storage space required for backup data. This not only improves backup efficiency but also helps save on hardware acquisition costs. Additionally, Vinchin provides a business takeover function, allowing IT personnel to take over standby machines using real-time synchronized data from the disaster recovery resource pool in the event of a system failure, ensuring the continuous stability of information systems. Furthermore, the unique tamper-proof feature for backup data effectively prevents malicious modifications and deletions by unauthorized processes, ensuring the security of backup data.

## >>>> Result

Vinchin Backup & Recovery, with its real-time backup functionality, flexible backup strategies, efficient deduplication and compression technology, as well as business takeover and data tamper-protection features, ensures information security and business continuity at Fudan University. These capabilities not only enhance the efficiency and reliability of data backups but also help Fudan University better cope with various potential risks and challenges. A teacher at Fudan University said, "The backup solution provided by Vinchin is a strong safeguard for our data security."

Question? Need support?

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