

CUSTOMER STORY

“Since adopting Vinchin Backup & Recovery, our hospital's data security and business continuity have been significantly improved. Its virtual machine agentless backup technology greatly simplifies the backup process. At the same time, the cloud disaster recovery function provides us with a reliable disaster recovery plan, ensuring that the hospital's core business can continue to run under any circumstances. Overall, Vinchin fully met our needs.”



Healthcare
VMware

IT Department Manager
Jiangsu Second Chinese Medicine Hospital

Business Challenge

Jiangsu Second Chinese Medicine Hospital, established in December 1988, is a provincial-level, comprehensive, Grade III Class A public hospital that integrates medical treatment, teaching, research, and preventive health-care.

The hospital recognizes the critical importance of ensuring data security and reliability. To address this, it plans to implement an efficient and reliable backup strategy for multiple virtual machines, safeguarding essential operations and systems, which are vital to the hospital's daily operations, and by establishing regular virtual machine backups, the hospital aims to quickly restore services in the event of unexpected disruptions, minimizing the impact on patient care.

Moreover, the hospital understands the significance of disaster recovery for its core business databases, particularly for critical systems like the HIS and the PACS. To mitigate the risk of data loss, the hospital intends to adopt advanced disaster recovery solutions that ensure swift database restoration in case of disasters, thereby maintaining business continuity. Additionally, the hospital plans to synchronize backup data to the cloud rapidly, leveraging cloud computing advantages not only to achieve off-site backup but also to enhance data security and accessibility through multiple encryption and access control measures. These initiatives will significantly enhance the reliability of the hospital's information systems, ensuring that all hospital operations can run smoothly and efficiently during its digital transformation.

Vinchin Solution

By leveraging Vinchin's agentless backup capabilities, nearly a hundred virtual machines across multiple VMware platforms are efficiently backed up, ensuring the proper protection of key hospital systems such as mobile nursing, outpatient registration and queuing, and medical insurance upload systems that operate on these virtualization platforms.

Vinchin Backup & Recovery provides real-time data backup to safeguard the hospital's critical databases, including the HIS and PACS. The backup data is synchronized to the cloud in real-time, significantly reducing the RPO of these systems and preventing data loss under extreme conditions.

For other essential hospital operations running in either physical or virtualized environments, Vinchin applies two distinct strategies: scheduled backups at the operating system level and real-time backups at the volume level. This ensures that business data, regardless of the environment in which it operates, is robustly protected while also reducing the RPO for these systems.

Additionally, using Vinchin Backup & Recovery, the hospital's PACS and comprehensive business platform workloads are synchronized to the cloud. This enables rapid failover to cloud-based operations in the event of an emergency, dramatically shortening the corresponding system's RTO and ensuring the continuity of critical hospital services.

>>>> Result

By implementing these solutions, the hospital enhanced data protection and improved disaster recovery capabilities. The real-time backups and cloud synchronization drastically reduce the risk of data loss, ensuring critical systems like HIS and PACS are always secure. The ability to quickly failover to cloud operations minimizes downtime, guaranteeing uninterrupted access to essential services. Overall, these solutions ensure the hospital's operations remain resilient, supporting continuous patient care and boosting operational efficiency.

Question? Need support?

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