

CUSTOMER STORY



Energy

Oracle Database, Windows Server

“ We extend our sincere gratitude to Vinchin for furnishing us with such an outstanding and professional disaster recovery and backup solution. Vinchin has played a pivotal role in establishing a comprehensive disaster recovery system, thereby ensuring all-around protection of our data security. In the face of various potential risks, your solution has served as a robust and dependable shield, safeguarding our operations. We are deeply appreciative of the consistent technical support and services you have provided.

IT Administrator

China Petroleum First Construction Company

Business Challenge

China Petroleum First Construction Company (CPFCC) was established in 1954 as a directly affiliated specialized company of chemical, petrochemical construction, and installation under the China National Petroleum Corporation (CNPC). The company holds top-level qualifications for general contracting in chemical and petroleum engineering construction as well as first-class qualifications in offshore engineering. Focusing primarily on petrochemical projects, it serves as a specialized construction company.

During its digital evolution, CPFCC has aggressively pursued tech innovations, deeply integrating smart tech into operations. However, managing a mounting dataset and complex processes without a solid disaster recovery setup poses significant risks. Any system disruption could derail workflows, emphasizing the urgent need for a robust recovery system to ensure uninterrupted business stability.

Firstly, the company has hitherto not embarked on a comprehensive disaster recovery system development, leaving it vulnerable to substantial security hazards. Secondly, its operations are dispersed across multiple physical servers, and in response to expansion needs, there's a pending migration of these operations to alternative physical platforms. Furthermore, the company possesses a substantial reservoir of unstructured data, including myriad files, alongside structured database information, all of which necessitate backup procedures to establish data security redundancy.

Vinchin Solution

In light of the aforementioned circumstances, Vinchin conducted thorough research and analysis of China Petroleum First Construction Company's business environment. Aligning with the company's core operational requirements and long-term disaster recovery planning, Vinchin tailored a resilience-building solution specifically to the company's needs.

Firstly, the deployment of Vinchin Backup & Recovery within the company's infrastructure provides a variety of flexible backup methods, ensuring the steady and dependable operation of business activities. Secondly, regular backups are scheduled for the company's crucial Oracle databases, enabling swift restoration to any previous backup point in case of a failure, thus assuring data safety without interruption to business processes. Thirdly, leveraging Vinchin's massive file backup technology, it can efficiently back up large numbers of files and folders on servers running the Windows Server operating system, which are executed through multi-threaded scanning and transmission, significantly reducing backup duration and enhancing backup efficiency. Moreover, the backup solution is compatible with diverse data protection scenarios, providing a safeguard for the company's future virtualization endeavors and ensuring a smooth transition.

>>>> Result

After an extended period of operational testing, the Vinchin solution has consistently and effectively addressed the myriad concerns raised by China Petroleum First Construction Company, thereby reinforcing the company's digital infrastructure resilience. Not only has it mitigated immediate risks associated with data loss and system disruptions, but it has also systematically laid a sturdy foundation for the company's long-term disaster recovery strategies.

Question? Need support?

Tel : +86-135-5029-3426 | Email: sales@vinchin.com