

CUSTOMER STORY

“I find Vinchin’s backup and disaster recovery solution exceptionally easy to use. Its continuous data protection keep our production and test systems almost interruption-free. Overall, Vinchin is not only reliable and efficient but also gives us greater confidence in our data security.”

XD 中国西电集团有限公司
CHINA XD GROUP CO., LTD.
Manufacturing
Huawei FusionCompute

ICT Manager
China XD Group Co., Ltd.

Business Challenge

China XD Group Co., Ltd., founded in July 1959, is China’s sole central enterprise focused on complete transmission and distribution systems. It integrates R&D, manufacturing, testing, trade and finance, and is a global leader in MV/HV/UHV/EHV AC/DC equipment. XD supplies reliable products and services to over 80 countries, earning a strong international reputation.

China XD Group runs an IT estate centered on Huawei FusionCompute virtualization, which hosts a wide range of critical system. In operation, China XD faces complex, industry-typical challenges. Production and test systems demand near-zero downtime and extremely short RTOs, so file-level backup;ps or scheduled snapshots often cannot meet recovery-time requirements. R&D and production environments change frequently, with many images and configurations, creating short backup windows, large data volumes, and deduplication challenges. Growing concerns about cybersecurity and intellectual-property protection mean that threats like ransomware, accidental deletions, and long-term integrity of research data all push backup requirements higher.

Given these realities, several concrete pain points motivate China XD to adopt a next-generation backup and disaster-recovery solution. They need near-zero RPOs and instantaneous or minute-level RTOs to keep simulators and monitoring systems online. And compatibility with FusionCompute virtualization features and storage backends is essential so that hardware or platform changes do not produce failures during failover.

Vinchin Solution

Vinchin provides a tailored backup and disaster-takeover solution to ensure continuity and safety for production and test environments.

First, second/minute-level recovery. Vinchin combines continuous data protection (CDP), and efficient deduplication to deliver near-zero RPOs and support instant recovery for critical simulators and monitoring systems. For short backup windows and large data volumes, Vinchin dramatically reduce data movement and storage use, it enables service restart within seconds to minutes to meet stringent production/test RTOs.

Second, application-consistent backups and isolated, ransomware-resistant protection. To protect R&D IP and long-term integrity, Vinchin delivers application-consistent backups and retention policies to prevent tampering. It also provides isolated backup replicas and offline/offsite copies, this design reliably isolates accidental deletions and ransomware impacts while supporting compliance and forensic auditing.

Third, cross-site replication, platform compatibility, and visualized DR automation. Vinchin supports efficient cross-region/site replication and remote verification (including automated integrity checks and recovery drills), and is designed to be compatible with Huawei FusionCompute virtualization features and underlying storage backends — enabling smooth failover and rollback when hardware or platform changes occur. Built-in visual DR orchestration and drill dashboards let teams define automated takeover workflows, and produce recovery reports to reduce human error and speed compliance readiness.

>>>> Result

By deploying Vinchin Backup & Recovery that supports instant recovery, cross-region protection, application consistency and automated takeover, China XD can preserve continuity of transmission-and-distribution production lines and critical test environments while improving operational efficiency and risk control—helping the Group achieve high-quality leapfrog development during the national push to accelerate advanced manufacturing.

Question? Need support?
Tel : +86-135-5029-3426 | Email: sales@vinchin.com