



Manufacturing
Sangfor HCI

“Vinchin Backup & Recovery is straightforward to back up and manage. It hardly needs my constant attention on the jobs with schedules and alert notifications. And the backup is much faster than the old one. But what I prefer is the instant recovery that recovers the VM with few clicks within seconds. Overall, the product is solid and dependable and perfectly integrates with Sangfor HCI.”

Network Administrator
CMC SpA

Business Challenge

The Italy-based CMC SpA, founded in 1980, is an experienced firm that develops and produces envelope-inserting, paper and film wrapping machines for the logistics, e-commerce, graphic arts, and postal sectors. With subsidiaries in 5 countries, CMC SpA focuses on providing integrated machines and tailor-made solutions for global customers with first-rate technologies, services, and technical training.

CMC SpA sets up USA, Germany, United Kingdom, France, and The Netherlands branches to better serve users. As a result of this, its IT structure is distributed across these branches, all of which are virtualized on Sangfor HCI running servers and systems for design and manufacture. This makes management workloads heavier for the IT team of the producer.

But that’s not the key issue. Too much data is sent uncompressed over the network putting heavy pressure on the bandwidth, thus the slow backup. And it also requires manual intervention during operations. “We could be interrupted from work because of the failed tasks or we just stand by and wait for the jobs to finish. But it’s a boring and long process,” the Network Administrator at CMC SpA complained.

Another trouble for the producer is the limited recovery options and the lack of file-level restores. The Network Administrator said, “The demand for a file-level recovery is growing due to some misdeletion or other incidents. And there are problems with the recovery speed for the backups saved are not depressed.” Without a proper recovery strategy in place, the company would take the risk of losing data.

Vinchin Solution

“We now can centrally manage all tasks with detail in one user interface, and best of all, the backup is much faster and easier than we used to be with few human interventions. Basically, we set up the schedule and mail alerts, and we just go about our day,” said the Network Administrator.

By enabling data reduction technologies of Vinchin Backup & Recovery, the software reduces data size through duplicating and compressing before reserving it to the backup server, which will downsize up to 50% of data volume. Then the solution transfers these data via the free-bandwidth SAN transmission mode and multi-threaded transmission, accelerating back up significantly.

“Our team performs a full backup every week and incremental backup on a daily base. We used to spend 2 days to get a full backup done and a whole night for incremental backup, which can be interrupted at any time by the failed jobs. Now, things are different with Vinchin, we take less than 15 hours to do a full backup and several hours for incremental backup,” the Network Administrator continued, “Moreover, storage space is saved a lot for more newly written data.”

CMC SpA has 5 branches scattered around the world, so, consolidating data from these subsidiaries is another matter of considerable inconvenience. To solve this problem, Vinchin Backup & Recovery offers a multi-branch data backup solution for the manufacturer, which seamlessly inter-transfers backups between different nodes to relieve backup pressure. These branch data can also be transited to the headquarter for disaster recovery.

>>>> Result

Vinchin Backup & Recovery sends the data of CMC SpA through SAN transmission without using any bandwidth and data reduction technologies that downsize the data for saving space. The management console and seamless backup nodes transfer also solve the multi-branch backup challenge for the company. The solution then offers the producer file-level and instant recovery for different recovery scenarios.

Question? Need support?

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