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CUSTOMER STORY

"Vinchin Backup & Recovery supplies an easier, yet more secure and efficient XenServer backup solution than the one we had before. Apart from the ready-to-start agentless backup, the backup data can also be strongly encrypted, giving absolute security guarantees before we archive them to the cloud."

GMK
electronic design gmbh
Manufacture
Citrix XenServer

Sebastian Schinabeck
IT Executive
GMK Electronic Design GmbH

Business Challenge

Germany

GMK electronic design GmbH, founded in 1992, has 30 years of rich history in designing and manufacturing high-end electronic modules and software applications for professional use. The company renders quality services and innovation products for German air navigation service DFS, turnkey automation producer Baumann and more leading enterprises in various fields.

GMK electronic design GmbH divided its businesses into product design, pcb-design, and manufacture of keyboards, keycaps and other devices. To cope with all sorts of designing, projects, production and customers information, the company virtualized its IT environment with XenServer for better management and safer data storage. The XenServer backup solution GMK previously had barely met their needs for daily storage and operation, whereas, the disadvantages of the agent-based backup were gradually revealed when the businesses grew and data snowballed. Whenever the IT team backed up a VM, it required an agent installation on the guest OS, for which the IT team settled, but the slow backup speed killed them owing to the higher CPU and bandwidth consumption. Besides, the old solution doesn't support more advanced feature like making connectivity to the cloud.

"It's inflexible and slow," said IT Executive from the company, "because the agent-based backup needs rather high CPU overhead to support each agent in the VMs." Another drawback that haunted them was that they wanted to build a more secure protection center rather than just having on-premises backup, which the old solution they used failed to give support.

Vinchin Solution

The IT team spent only 15 minutes in installing and deploying Vinchin Backup & Recovery for the easy agentless backup deployment. The first thing they saw after logging the management portal was the plain and simple console. "I never thought how easy automated backup configs can be until I use this console," said the IT Executive, "it's a pretty simple management interface but full of features I need. I also get to see how are the tasks going and how many VMs are being protected in real-time."

With Vinchin Backup & Recovery, the GMK IT team established a complete and efficient backup plan for their XenServer VMs in production. Daily CBT-driven incremental backup is directly transferred via separated backup networks under pre-set scheduling, the IT team can encrypt the backups in the transmission process for data security. The incremental backup speeds up because of the CBT technology that quickly identifies and solely backs up changed data blocks since last backup. During the transit, Data Duplication and Data Compression are optional to reduce the size of backup data and save more storage space. The schedules set to run the backup tasks automatically and no supervision needed.

The GMK IT staff is in dire need of archiving to the cloud for data security. Vinchin Backup & Recovery helps them get the goal easily by offering cloud archive features. Important XenServer VM backups in the company's IT environment has now been safely archived to the public cloud that Vinchin supports. "We want to archive data to cloud because we want double-secured protection in case on-premises physical data center gets hit by unexpected cyberattacks or disaster," added the IT Executive, "luckily we got Vinchin to solve this problem for us."

>>>> Result

Vinchin Backup & Recovery efficiently secures the key data in GMK's primary data center with a series of techniques, such as CBT-driven incremental backup, encrypted data transfer via separated backup networks, and public cloud archive, which all are controllable via one web console that saves them administration time. "Vinchin Backup & Recovery makes XenServer backup much easier for us than the past," says the IT Executive, "and the archive to cloud ensures its safety. I believe we'll work well with the strong support of the software."

Question? Need support?
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