

Hite Jinro

Adopting a Veritas NetBackup™ Appliance Builds Sustainable Disaster Recovery and Business Continuity Planning

Hite Jinro, the largest alcoholic beverage producer in South Korea, is preparing to expand into the global marketplace. The company is in the process of revamping its management environment, and improving its utilization of technology is central to this effort. Hite Jinro implemented a Veritas NetBackup™ Appliance to establish a stable and secure backup and recovery platform for its drastically increasing data volume. The success of the company's new data protection system is drawing attention from peers in its industry. But Hite Jinro is not resting on its laurels. Moving forward, the company plans to continue enhancing its infrastructure by optimizing data backup and recovery environment.



ORGANIZATION PROFILE

Site: en.hitejinro.com

Industry: Alcoholic Beverage Production

Established year: Hite Beer (1933), Jinro (1924)

Headquarters: Seoul, South Korea

KEY CHALLENGES

As Hite Jinro prepared to expand its alcoholic beverage business to serve a global market, its data volume was expanding rapidly. Its legacy backup and recovery solution could not keep up; performance and tech support problems ensued.

SOLUTION

The company looked for a backup solution that was optimized for its virtual environment, and that offered sustainable tech support. Impressed with the data compression, deduplication, and expandability, Hite Jinro deployed a Veritas NetBackup Appliance.

BENEFITS

- Backups in less than half as much time
- Cost-efficient storage of backup data due to data compression and deduplication
- 15TB backed up every day, with 70% compression rate
- Appliance operating system optimized for data security minimizes the risks of data loss, data leakage, or backup database failure
- Systematic and proactive tech support

The precursors to South Korea's number-one alcoholic beverage producer, Hite Jinro, were born when Jincheon Brewing Company first brewed Jinro soju in 1924, and when Chosun Beer was founded in 1933.

By 1970, Jinro had become the leader in Korea's soju industry, and the brand had become a consumer favorite. Meanwhile, a new marketing campaign in 1993 took Hite Beer to the top of its market sector.

It is not a stretch to say that Jinro and Hite Beer are behemoth brands in the history of the Korean alcoholic beverage industry. In 2005, when these two companies merged, Hite Jinro became the nation's largest alcoholic beverage conglomerate. By focusing on high-quality management and excellent customer service, the combined company has continued to introduce popular new products and has prepared to make the leap from domestic production into the global marketplace.

“With its reliability and timeliness of recovery in case of functional failure, this system has enabled us to establish an effective platform for data backup and recovery.”

Mr. Kim Tae-yoon

Information Technology Team Manager
Hite Jinro

As Hite Jinro prepares to celebrate its centennial anniversary in 2024, the company is re-evaluating its social contribution, management ethics, and partnerships, with the goal of fulfilling its social responsibility as a major enterprise. Hite Jinro is rewriting the history of the alcoholic beverage industry by becoming a more humane and sustainable business.

Drastic increase in data from ERP triggers backup system expansion

The Hite Jinro effort to create a sustainable management system involves reducing the company’s energy usage and developing eco-friendly technology. It also entails building a cutting-edge IT infrastructure, including an enhanced backup and recovery system that has attracted attention from the industry as a model to emulate.

In 2006, Hite Jinro implemented Veritas NetBackup for data management, backup, and security. But in 2009, when the company was considering expanding its backup system, a new technology had just come to market—a virtual tape library (VTL) appliance, through which legacy tape-based data protection systems can back up and access data on disk as well as tape. The Veritas NetBackup Appliance didn’t offer VTL features at the time.

“To expand our backup system, we implemented a third-party VTL appliance, in addition to Veritas NetBackup,” said Kim Tae-yoon, Information Technology Team Manager for Hite Jinro. “But in 2010, with the introduction of our ERP system, our data volume again increased rapidly.”

Backup system upgraded with Veritas NetBackup Appliance

At first, Hite Jinro responded to the growth in its volume of data by expanding the capacity of its VTL appliance, but as time went on, system performance became an issue. Thus, in 2013, the company again re-evaluated its data protection system. Data backup technology had evolved in the intervening years, so Hite Jinro reconsidered its product options.

Veritas, the leader in data protection systems, had recently introduced a new deduplication technology in its backup server, as well as V-ray technology, which is designed to accommodate the virtual environment.

“We were in the process of evaluating products from various vendors for enhancing our backup system, but we delayed this investment because rolling out a virtual infrastructure became the company’s top priority,” said Mr. Kim. “But by 2016, we couldn’t afford to wait any longer, due to our expanding virtual infrastructure and drastically increasing data, so we started the upgrade process.”

Mr. Kim added, “To replace the VTL appliance, which had tech support and upgrade issues, we evaluated products from various vendors. We focused on backup solutions that were optimized for a virtual environment, and that offered sustainable tech support. We selected the Veritas NetBackup Appliance because this product was best suited for interface compatibility, user familiarity, user convenience, and backup roadmap suitability.”

Veritas merged with Symantec in 2004, then split off in 2015 to be established as an independent information management solution company. Veritas’ next-generation information management solution focuses on availability and data governance. This focus made Veritas stand out from traditional backup and recovery solutions.

SOLUTIONS

- Veritas NetBackup™ Appliance

Cos-efficient backups complete in half the time

Hite Jinro implemented a Veritas NetBackup Appliance in June of 2016 and successfully replaced its legacy VTL appliance after three months of testing. The speed of the appliance has exceeded expectations. Hite Jinro can now back up its ERP database, which is 3 terabytes in size, in less than five hours. With the legacy appliance, this backup took 10 to 12 hours.

The company has also been impressed with the data compression, deduplication, and expandability of the NetBackup Appliance. The appliance makes storage of backup data more cost-efficient.

“Currently we are processing 15TB data backups, out of 40TB, every day with a 70 percent compression rate,” said Mr. Kim. “With its reliability and timeliness of recovery in case of functional failure, this system has enabled us to establish an effective platform for data backup and recovery.”

The systematic and proactive tech support of Veritas and its partners also played a key role in establishing a sound backup system for Hite Jinro. There were discrepancies between the testing environment, in which only partial policies and data applied, and the live production environment, in which all policies and data apply. Thus, it was crucial to have tech support immediately available during the transition. Ongoing support from Veritas continues to help Hite Jinro optimize the system.

“We experienced difficulties with our previous VTL appliance because the vendor and the partners weren’t able to provide adequate tech support in the event of performance degradation or functional failure,” said Mr. Kim. “One of many advantages of Veritas is having many partners that can provide support for the Veritas solution. A skilled tech support team can respond immediately when problems arise during changes or upgrades to the company’s infrastructure.”

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Ongoing effort to enhance data protection

Hite Jinro is operating a reliable backup and recovery system using a Veritas NetBackup Appliance as the foundation, but the company’s data protection improvement effort doesn’t stop there. Plans for continuing system enhancement are focusing on more reliable data storage, management, and security. Since the operating system of the Veritas NetBackup Appliance is optimized for data security, it minimizes the risks of data loss, data leakage, or backup database failure. But Hite Jinro is continuing to work to establish the most complete data backup system possible.

“We will organize a more systematic approach to prevent data loss and data leakage, and we will strengthen our cooperation with Veritas so that we can respond immediately in the case of a failure. Since we plan to convert part of our infrastructure to the cloud, we will upgrade the backup system to accommodate a cloud environment,” said Mr. Kim.

As Hite Jinro considers enhancements to its data protection environment, it will keep in mind disaster recovery (DR)—not just simple remote database recovery—and business continuity planning (BCP). Investing in BCP is still out of reach for many corporations outside the financial services sector, but Hite Jinro plans to arrange the best method for data backup and recovery based in the cloud.

Mr. Kim concluded by saying, “The Veritas backup solution is capable of data automation, so we are working to establish a backup and recovery system that can function immediately in case of failure, not just a remote-location data storage.”

INTERVIEW

“Focusing on Establishing a More Complete Data Backup System”**Q. What was the background for enhancing your backup system?**

In 2006, Hite Jinro implemented the Veritas (Symantec at the time) NetBackup solution for data backup and recovery. We upgraded the system in 2009 by implementing “F” company’s VTL appliance. But in 2010, with the introduction of our ERP system, our data volume again increased rapidly. The existing VTL appliance had performance issues, and it was reaching its capacity limit. Also, lack of adequate tech support by the vendor forced us to consider changing systems, so we started the due diligence process for new products. We delayed our investment a little because rolling out a virtual infrastructure became the company’s top priority. But by 2016, we couldn’t afford to wait any longer, due to our expanding virtual infrastructure and drastically increasing data, so we started the upgrade process.

Q. What were the reasons to select a Veritas NetBackup Appliance?

To replace the VTL appliance, which had tech support and upgrade issues, we evaluated products from various vendors. We focused on backup solutions that were optimized for a virtual environment, and that offered sustainable tech support. After testing various demo products, we selected the Veritas NetBackup Appliance because this product was best suited for interface compatibility, user familiarity, user convenience, and backup roadmap suitability. We experienced difficulties with our previous VTL appliance because the vendor and the partners weren’t able to provide adequate tech support in the event of performance degradation or functional failure. But Veritas and its many partners provide high-quality tech support. A skilled tech support team can respond immediately when problems arise during changes or upgrades to the company’s infrastructure, or due to data growth. These advantages allow us to operate a stable backup system.

Q. To what degree has the move to the Veritas NetBackup Appliance improved your company’s efficiency?

The backup system is operating smoothly with the Veritas NetBackup Appliance. The backup speed has exceeded our expectations. The system takes less than five hours to back up 3 terabytes of ERP data, which took about 10 to 12 hours with the previous system.



Mr. Kim Tae-yoon
Information Technology Team Manager
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It also has excellent compression and deduplication rates, so storing backup data is cost-efficient. Furthermore, the support team at Veritas has helped us optimize the backup system to meet our infrastructure needs, and ensures system stability as well as fast recovery in the event of a failure. These features have enabled us to establish a secure and effective backup and recovery platform.

Q. What are your future plans for system enhancement?

We will organize a more systematic approach to prevent data loss and data leakage, and we will strengthen our cooperation with Veritas so that we can respond immediately in the case of a failure. Since we plan to convert part of our infrastructure to the cloud, we will upgrade the backup system to accommodate a cloud environment. Also, we will keep disaster recovery (DR)—not just simple remote database recovery—and business continuity planning (BCP) in mind as we prepare to optimize our backup and recovery system.

For more information

Please contact your local Veritas Sales Representative or Business Partner, or visit:

[Veritas NetBackup Appliances](#)

Veritas World Headquarters

500 East Middlefield Road
Mountain View, CA 94043 USA
1 (866) 837-4827
www.veritas.com

Veritas Korea Ltd.

152 Teheran Ro, Gangnam Finance Center, 28th FL (06236),
Gangnam-gu, Seoul
TEL: 02-3468-2100
www.veritas.com/kr