



Scalar Series

South Korean Company Banks on Scalar Tape Library to Protect Financial Data

When Busan Bank moved to a next-generation UNIX system for primary storage in 2012, the technology team knew it was time to find the best backup solution for archive, disaster recovery, and data retention. Busan turned to Quantum's Scalar i6000 enterprise tape library, cutting its daily backup time in half and improving backup performance by up to 130 percent.

KEY CHALLENGE: RELIABLE DATA RETENTION

Busan Bank has been serving customers in South Korea since 1967. Over the past four decades, the bank has expanded in many ways: more customers, more services, and more territory. Today it offers a full range of corporate and retail banking services through almost 250 branches in South Korea, an overseas branch in China, and its online presence.

As the financial services industry has grown and globalized, banks have embraced technology that allows them to keep up with consumer demand for instant access, as well as government requirements for data protection and retention. Leading banks around the world, including Busan Bank, have recognized the need to continually review their systems and adopt new strategies as technology evolves.

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Sang-mu Shim

Vice Director, Systems Operations

In 2012, Busan Bank recognized that its aging mainframe—built in 1997—was no longer adequate for its needs, limiting how it provided services to customers. The bank implemented a next-generation UNIX system for its primary storage needs, but the bank's Systems Operation

team knew more needed to be done to address data protection and storage.

"System reliability, recoverability, scalability, and technical support were our top priorities as we began to look for a better backup solution," says Sang-mu Shim, the Vice Director of the Systems Operation team for Busan Bank. "The solution would need to meet customers' needs for financial services, actively respond to financial market volatility, and address regulatory changes."

The Systems Operation team was particularly interested in a tape backup system for its long-term storage capability and stable operation.

SCALAR i6000 MEETS BANK PRIORITIES

After examining a number of options, Busan Bank's Systems Operation team decided on the Quantum Scalar® i6000 automated tape library. Scalable up to 12,006 slots, the library offered the bank a solution that could keep pace with its growth.

In addition, the Extended Data Life Management (EDLM) capability built into the Scalar i6000 automatically checks tape media cartridges for data integrity issues, which helps prevent data errors before they happen. The Systems Operation team also appreciated the library's iLayer™ software, which automates administrative tasks, including monitoring and reporting media, drive, and security status.

In deciding to go with the Quantum solution, the team realized that the combined features of the Scalar i6000 tape library offer ease of management and reduced administrative time.



"Quantum Scalar i6000 provides high performance, reliability, scalability, and ease of management."

Sang-mu Shim

Vice Director, Systems Operations

SOLUTION OVERVIEW

- Quantum Scalar i6000

KEY BENEFITS

- Cuts backup time in half
- Improves backup performance by up to 130 percent
- Scales easily to meet data growth
- Provides ease of management and reduced administrative time

BACKUP TIME REDUCED, PERFORMANCE ENHANCED

Today, Busan Bank is meeting the challenge of data protection with its Scalar i6000 tape library. Backing up 40TB/day and 300TB/week, the Scalar i6000 has improved backup performance by up to 130 percent, meaning that the backup window has been reduced by more than half.

Quantum Scalar i6000 provides high performance, reliability, scalability, and ease of management.

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In addition, the system draws much less electricity than previously used for backup and, with its storage capacity, allows retention of more data without taking up more space in the data center.

"Quantum Scalar i6000 provides high performance, reliability, scalability, and ease of management," says Sang-mu Shim. "Most of all, by building a state-of-the-art backup system, we finally have completed a flexible and reliable IT infrastructure that allows us to provide financial services continuously, even in the case of a disaster or emergency. We are very satisfied with the Scalar i6000!"

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ABOUT BUSAN BANK

Busan Bank, a subsidiary of BS Financial Group, is headquartered in the busy port city of Busan, South Korea. Founded in October 1967 in Shin-chang dong, Busan was created to revitalize local financial services. Busan Bank went public in June 1972, and its headquarters moved to Bumil dong in June 1982. Busan Bank has 237 branches in South Korea, as well as an overseas branch in Tsingtao, China.

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