

Case Study

MetLife®

Meeting the challenges of rapid data growth and expanding IT infrastructure

Company

MetLife Korea

Company Profile

MetLife Korea is a life insurance company headquartered in Seoul, Korea. MetLife International Holdings is its largest shareholder. The company's main area of business is personal insurance. There are 113 branch offices and nine headquarters located throughout the region, serving 1,300,000 clients with 6,000 expert groups and 600 on-staff employees.

Environment

- IBM Power Series
- IBM AIX
- Microsoft Windows Server (x86)
- Oracle, Java

Falconstor Solution

FalconStor Virtual Tape Library (VTL)

Benefits

- Dramatic increase in speed of backups
- Reduced storage costs
- Can adapt to changes in business environment

**THE CHALLENGE**

MetLife Korea implemented a real-time disaster recovery (DR) using hot backups, while developing an in-house next-generation system called Metsys. The project addressed the spreading sense of alarm triggered by increased security breaches in the financial sector. After laying the groundwork for real-time disaster recovery, MetLife Korea considered a deduplication solution for a followup task. Lee Gwang-hee, MetLife Korea IT Team Manager, explains: "After implementing the system, the number of IT systems and the amount of data that required backup increased rapidly. In addition, my team spent a great deal of time and effort trucking backup tapes to the backup center located 100 kilometers from our main data center."

THE SOLUTION

In order to keep pace with rapid data growth and expanding IT infrastructure and business systems, MetLife Korea decided to upgrade its

“We evaluated several factors including performance, reference, and price. The FalconStor® Virtual Tape Library (VTL) solution scored the highest on all fronts.

-Lee Gwang-Hee,
IT Team Manager,
Metlife Korea

conventional tape backup and remote vaulting methods to a disk-based solution. “We evaluated several factors including performance, reference, and price,” said Lee. “The FalconStor® Virtual Tape Library (VTL) solution scored the highest on all fronts.” Using FalconStor VTL, MetLife Korea implemented a tiered backup system, with about 80% of its tape backup converted to disk. The IT team is using disk-based backup for the most business-critical data requiring immediate recovery, and tape backup for the remaining data.

THE OUTCOME

The biggest advantage of disk-based backup is speed. “Our new virtual tape system takes just a few minutes to back up and archive data; up to 30 minutes at most for full backups,” says Lee. “This is incomparably faster than physical tape backup and remote archiving.” He adds that the integrated data deduplication functionality of FalconStor VTL is a tremendous asset. “Before implementing this solution, we estimated the deduplication ratio to be about 20:1, but the actual rate with hundreds of terabytes of backup data was 40:1 on average. This allowed us to save more disk space than we initially expected.”

Another effect of FalconStor VTL is the ability to quickly respond to changes in the business environment. “As the market rapidly changes, the number of systems related to newly emerging jobs is also increasing. From the perspective of the IT administrator, changes in business strategy affect performance, capacity, and other operations,” says Lee. “For instance, if a new system is developed, the server, storage, and backup infrastructures need to support this system, and vice-versa. Fortunately, FalconStor VTL integrates with our existing environment. Backup and deduplication can be performed using the infrastructure that is already in place, without requiring additional changes.”

With FalconStor VTL, the IT Team at MetLife Korea has more time to devote to work other than backup and maintenance. “We are now able to spend time focusing on forward-reaching tasks such as studying new technology,” says Lee.

About FalconStor Software

FalconStor Software, Inc (OTCQB: FALC) is a technology company whose mission is to deliver technical innovation that creates investment protection, flexibility, and leverage of modern cloud-based technologies for our enterprise customers. We provide software and cloud services that enable our enterprise customers to better manage, protect, secure, and make use of their valuable data. Our customers achieve lower costs, simpler operations, greater data security, higher confidence in their business continuity, and greater ability to effectively use their data assets to drive innovation.

Founded in 2000, FalconStor is headquartered in Austin, Texas and has additional offices in New York, Europe and Asia. Our solutions are available and supported by a vast network of system integrators and resellers. For more information, please visit www.falconstor.com.

FALCONSTOR®

Corporate Headquarters
701 Brazos Street, Suite 400
Austin, TX 78701
Tel: +1.631.777.5188
salesinfo@falconstor.com

Europe Headquarters
Rosa-Bavarese-Strasse 3
80639 München, Germany
Tel: +49 (0) 89.41615321.10
salesemea@falconstor.com

Asia Headquarters
Room 1901, PICC Office Tower
No. 2 Jian Guo Men Wai Avenue
Chaoyang District Beijing 100020 China
Tel: +86.10.6530.9505
salesasia@falconstor.com