SIOS DataKeeper Clustering Software Enables Gulliver International to Move Internal IT Systems to Amazon Web Services Safely

SIOS software provides high availability in AWS environments, enabling leading pre-owned vehicle company to move all IT system to the cloud.
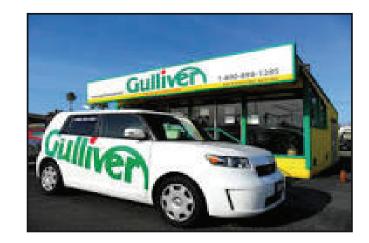
"By enabling us to use a clustering configuration in the cloud in the same way we would in a physical environment, the SIOS DataKeeper software made it possible for us to migrate to AWS without sacrificing application protection or changing the configuration of our existing system at all."

– Manabu Tsukishima, IT Manager, Gulliver International

Gulliver International is a leading pre-owned car company based in Tokyo with 420 locations throughout Japan. Over the next four years, the company plans to expand into a global business with 1600 stores worldwide. To ensure its IT infrastructure can accommodate this rapid growth, the company is migrating all of its internal systems to AWS and promoting a company-wide "cloud-first" policy for all new applications.

"Moving our systems to the cloud will give us flexibility and scalability we need to grow quickly and cost-efficiently, while continuously providing excellent service to our customers," said Manabu Tsukishima, IT Manager, Gulliver International.

The Challenge

To ensure the success of their cloud-first initiative, Gulliver needed to protect their business critical applications from downtime in a cloud environment, where traditional failover clusters are not possible.

"We would not consider moving our applications to the cloud without an efficient, easy-to-implement high availability solution," said Tsukishima. Gulliver chose to use SIOS DataKeeper software, which is sold in Japan by SIOS Technology, Inc.

The Solution

SIOS DataKeeper software enables Gulliver to use Windows Server Failover Clustering (WSFC) to build a failover cluster in a cloud environment, where traditional shared-storage clusters are not possible.

SIOS software uses efficient, real time replication to synchronize storage between servers operating as a WSFC cluster in an AWS environment.

Using SIOS software, Gulliver can configure two servers operating as a cluster across separate Amazon Availability Zones.

SIOS

Just as in a traditional physical environment, if there is a failure on the primary server in the AWS cloud within one Availability Zone, WSFC moves the application to the second server located in another Amazon Availability Zone, providing full disaster tolerance and recovery in the cloud.

The Results

"We are extremely pleased with the value that SIOS DataKeeper software brings to our company's cloud-first initiative," said Tsukishima. With SIOS DataKeeper software, Gulliver can move to the cloud without adding complexity or disruption to existing operations.

"By enabling us to use a clustering configuration in the cloud in the same way we would in a physical environment, SIOS DataKeeper software made it possible for us to migrate to AWS without sacrificing application protection or changing the configuration of our existing system at all."

About 30 percent of Gulliver's existing on-premises systems have been migrated to AWS without any changes to the company's system administration or added complexity.

As Gulliver continues to execute its expansion plan, it will soon need to protect even larger volumes of data and a wider range of applications. To meet this need, it will continue to use SIOS DataKeeper software as it migrates systems to the cloud. As a Standard Consulting Partner of APN (AWS Partner Network), SIOS is committed to continuing to provide high availability systems that operate on AWS."

About SIOS Technology Corp.

SIOS delivers innovative software solutions that provide application availability and disaster protection for Windows and Linux environments.

Essential to any cluster solution, SIOS clustering software provides the flexibility to protect your choice of Windows or Linux environment – and any configuration (or combination) of physical, virtual and cloud storage – without sacrificing performance or availability. SIOS provides unique SANLess clustering software that eliminates both the cost and the single-point-of-failure risk of traditional SAN-based cluster solutions.

Founded in 1999, SIOS Technology Corp., is headquartered in San Mateo, California, and has offices throughout the United States, United Kingdom, Germany, Singapore and Japan.