

SAMSUNG SDS Cloud Case Study

Hybrid cloud for innovating overseas project

Case of building efficient business operations between headquarters and construction sites

Challenge

For every new overseas construction project, this global plant firm had repeatedly purchased servers directly from the headquarters, installed applications and delivered those to the global sites, which caused redundant work and additional costs.

Server management and backup data for version management of drawings were important tasks but these were not conducted properly due to a lack of IT system experts on the sites. Furthermore, it took a long time to recover from unexpected failures that had been caused by differences in the IT environments in the headquarters and local sites as well as time differences.

The company decided to adopt cloud for easy system implementation, cost reduction and efficient operation. Taking into account the importance of migrating complicated on-premises system of the headquarters to public cloud, the company was looking for a partner with abundant experience in cloud IT infrastructure implementation and operation.



SDS Cloud Service

SDS Hybrid Cloud Platform

Samsung SDS offers Hybrid Cloud service to the customers by integrating the SDS Cloud, a private cloud optimized for enterprises, and multiple public clouds provided by Global CSPs. Hybrid Cloud Platform is also provided to develop, operate and manage all the clouds.

- Integrated governance of hybrid cloud: Cloud in One
- Automated migration between different clouds: MMP (Multi-cloud Migration Platform)
- Integrated monitoring of hybrid cloud: IMP (Intelligent Monitoring Platform)
- Automated deployment from infrastructure to applications: SRE (Site Reliable Engineering)

※ Global CSPs: AWS, MS Azure, Oracle Cloud Infrastructure, Google Cloud Platform, Tencent Cloud, Alibaba Cloud, etc.

Solution

Design customer specialized cloud architecture

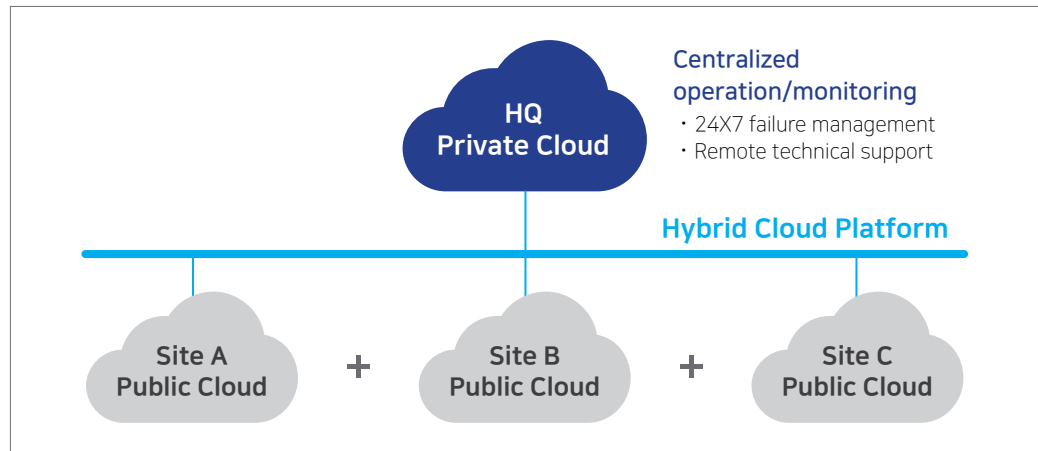
- Migrate rapidly to public cloud using customized architecture which is applied environmental factors and business characteristics of the sites
- Achieve fast infrastructure speed and high application performance without difference from existing on-premises system

Ensure data security and stability

- Provide strong security with application virtualization streaming service and SDS security control service
- Ensure data stability by quick backup and recovery system

Centralized operation service

- No IT staff on the sites from centralized operation at the headquarters by using SDS Hybrid Cloud Platform
- Quick failure response by centralized monitoring and remote technical support



Benefit



Reduce system installation time

10 days → few minutes



Optimize develop and operation cost

Eliminate redundant investment costs






Reduce failure recovery time

24 hrs → 30 mins

FOR MORE INFORMATION

SAMSUNG SDS

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