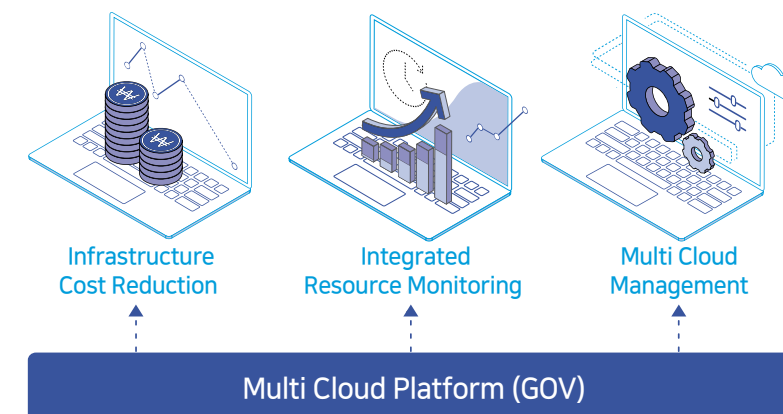## Benefits

Integrated Management

The GOV dashboard gives you a comprehensive view of your resource, usage and billing status across various clouds.

Customers can prevent cyber security issues in advance through integrated security monitoring.

Cost Optimization

GOV integrates Samsung SDS's various cost optimization solutions from service provisioning to management.

Customers can check recommendations for cost reduction based on usage patterns and requirements analysis and also can check expected cost reductions and actual reduction results from the integrated platform.

Multi Cloud Management

We recommend the best cloud service, cloud strategy, and migration roadmap based on the current system and user requirements.

Samsung SDS experts from various areas support multi cloud strategies by reducing vendor lock-in and maximizing cloud adoption benefits.

Infrastructure Cost Reduction | Integrated Resource Monitoring | Multi Cloud Management

Multi Cloud Platform (GOV)

Samsung SDS's
Experiences and Capabilities

2013 — AWS Managed Service

2015 — MS Azure Managed Service

2017 — AWS Core Lab, MS Cloud Innovation Lab

2018 — AWS Advanced Consulting Partner, MSP Partner

— MS Azure Gold-Level Partner

— Google, Alibaba, Oracle Partner

— Partnership with Spotinst, Bitfusion

— Dedicated Team for Multi Cloud

— AWS Security Competency

Since 2013
Managed service experiences

46,000+
Know-how from proven managed capabilities at scale

450+
Certified engineers including public cloud and kubernetes capabilities

7+
Global partners and dedicated cloud lab

Contact Us

For inquiries regarding Samsung SDS Cloud Managed Service, please email cloud.sds@samsung.com or visit cloud portal homepage (https://cloud.samsungsds.com)

SAMSUNG SDS
Realize your vision

Realize your vision

Samsung SDS
Global One View

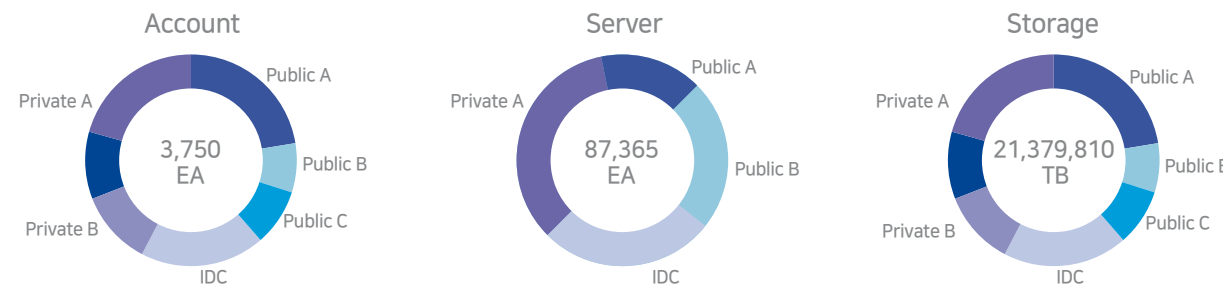Integrated platform for complex multi cloud environment
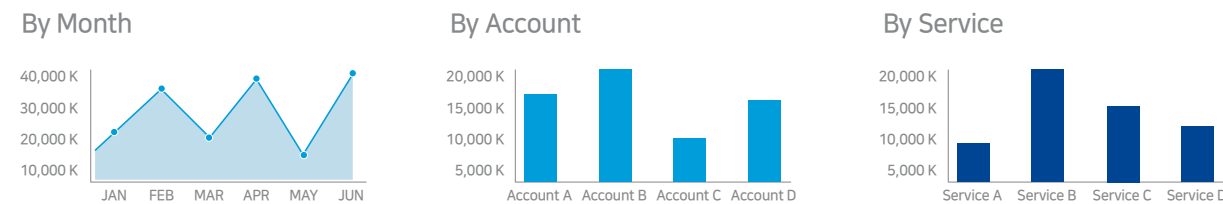
SAMSUNG SDS

Easy and efficient management
for private and public clouds

Global One View (GOV) dashboard gives you a comprehensive view of your resources. Optimize costs and manage security issues across clouds. Focus on your business rather than managing complex infrastructures.
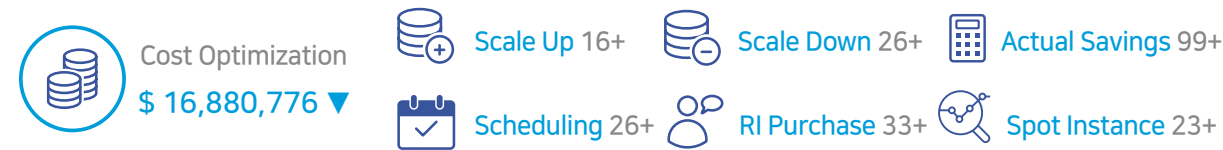
Resource Status

Account
Public A
Private A
Public B
3,750 EA
Private B
Public C
IDC

Server
Public A
Private A
Public B
87,365 EA
Public C
IDC

Storage
Public A
Private A
Public B
21,379,810 TB
Private B
Public C
IDC

Billing Status

By Month
40,000 K
30,000 K
20,000 K
10,000 K
JAN FEB MAR APR MAY JUN

By Account
20,000 K
15,000 K
10,000 K
5,000 K
Account A Account B Account C Account D

By Service
20,000 K
15,000 K
10,000 K
5,000 K
Service A Service B Service C Service D

Resource Optimization Recommendation

Cost Optimization
$ 16,880,776 ▼

Scale Up 16+
Scale Down 26+
Actual Savings 99+
Scheduling 26+
RI Purchase 33+
Spot Instance 23+

When do you need this service?
- Need to monitor various cloud resources.
- Need to use service for cloud cost optimization.
- Need to migrate current service to another cloud.

Integrated Platform
for complex multi cloud environment

The GOV platform gives you a comprehensive view of your resources including private and public clouds while optimizing costs. We provide an end-to-end service for customer's cloud selection, automated migration and multi cloud management.

Multi Cloud Functionality Comparison

Once the customer selects required services, region, certification, service level etc., we recommend the cloud that best fits their requirements through functionality comparison across major public cloud service providers.

Compute
- ☑ Max CPUs
- ☑ Predefined Templates
- ☑ Support GPU Type
- ☑ Max Memory GIB
- ☐ RDMA Support ...

Storage
- ☑ Archive Storage
- ☐ Block Storage
- ☑ File Storage
- ☑ Hybrid Storage
- ☐ Bulk Data Transfer ...

Network
- ☑ CDN
- ☑ Direct Connection
- ☑ DNS
- ☐ L4 Load Balancing
- ☐ VPN Gateway ...

Countries
Region
Artificial Intelligence

Certifications
Analytics & Big Data

Cloud A Recommend	Cloud B	Cloud C
11 of 13 Filters match	10 of 13 Filters match	8 of 13 Filters match

Migration Self-assessment

We enable expected migration time and cost and rate of migration automation using basic information entry from the customer.

Analyzing ....

Source
Apps. Cloud Service Data S/W OS Configuration
Target

Analysis Summary

Estimated Cost of Target Cloud
$ 10,400/Month ($ 2,200 ▼)

Estimated Cost of Migration
$ 359

Estimated Time of Migration
2 Hour 37 Min.

Estimated Down Time
2 Min.

Automation Rate for Migration
90%

Number of Automation Task 90 ea
Number of Manual Task 10 ea

Resource Optimization Recommend

We maximize the benefits of cloud adoption by applying state-of-the-art technologies such as big data analysis and GPU virtualization. Customers can reduce TCO by leveraging cost optimization solutions including right sizing, server scheduling automation for unused dates and times, Spot-Inst and GPU optimization.
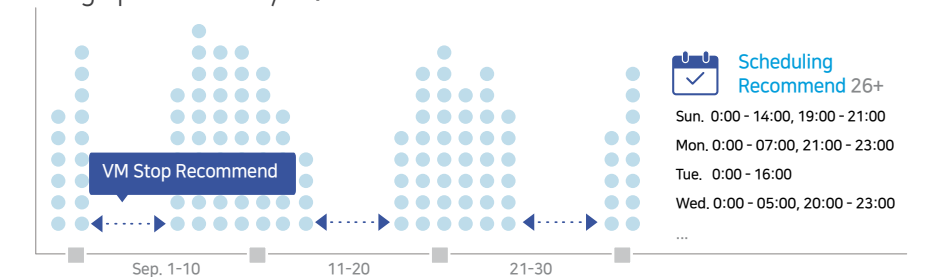
Right Sizing
Resource optimization based on utilization analysis.

Account Name		CPU Avg.	CPU Max.	Memory Avg.	...	Score	Recommend
GOV_DEV	aws	2%	26%	1%	...	9 8	CPU Scale Down $ 6,880,776 ▼
Chatbot for GOV_PRD	azure	57%	92%	68%	...	9 9	CPU Scale Up $ 8,130,421 ▲
Spot-Inst_PRD	aws	9%	42%	38%	...	9 2	CPU Scale Down $ 4,680,223 ▼
GPU optima_DEV	gcp	15%	53%	29%	...	8 7	CPU Scale Down $ 2,899,486 ▼

Scheduled Stop/Start
Server scheduling automation for unused dates and times through usage pattern analysis.

VM Stop Recommend

Scheduling Recommend 26+
Sun. 0:00 ~ 14:00, 19:00 ~ 21:00
Mon. 0:00 ~ 07:00, 21:00 ~ 23:00
Tue. 0:00 ~ 16:00
Wed. 0:00 ~ 05:00, 20:00 ~ 23:00
...

Sep. 1-10   11-20   21-30

RI Purchase Recommend
We recommend the optimal RI purchase amount in order to reduce costs by forecasting future usage.

EC2 Predict

Usage forecast through big data analysis

RI Optimal

Today

RI Recommend 33+
EC2: + 3,273 Unit. $ 82,200 ▼
RDS: + 718 Unit. $ 22,252 ▼
DynamoDB: + 314 Unit. $ 5,760 ▼
ElastiCache: + 40 Unit. $ 876 ▼
...