

Hybrid Cloud

Edge Server



Offering Edge Computing Environment Connected to Public Cloud in Enterprises' On-Site Locations

Edge Server is a service where an edge cloud is deployed in on-site locations of enterprises that face security, regulation, performance and latency issues. With the Edge Server, critical systems can be migrated to the cloud. And it is easy to set up a hybrid cloud using Samsung Cloud Platform.



Extend to Hybrid Cloud

A growing number of enterprises are seeking data-driven transformation utilizing public cloud analytics, IoT, private 5G and AI technologies, whereas critical data are being managed on-site. With Samsung Cloud Platform's Edge Server, it is easy to set up a hybrid cloud to adopt a data-driven approach.



Easy Management

For high-speed processing of local data and quick access to on-premise systems, the cloud service is hosted at the edge where data is generated and collected. Also, it is easy to manage the Edge Server on the Samsung Cloud Platform console.



Improved Security and Compliance

An edge computing environment configured within the enterprise enables ultra-low latency data transfer and safeguards sensitive data by internally housing all data and services. For workloads that require high security and subject to stringent regulations, Edge resources are utilized.

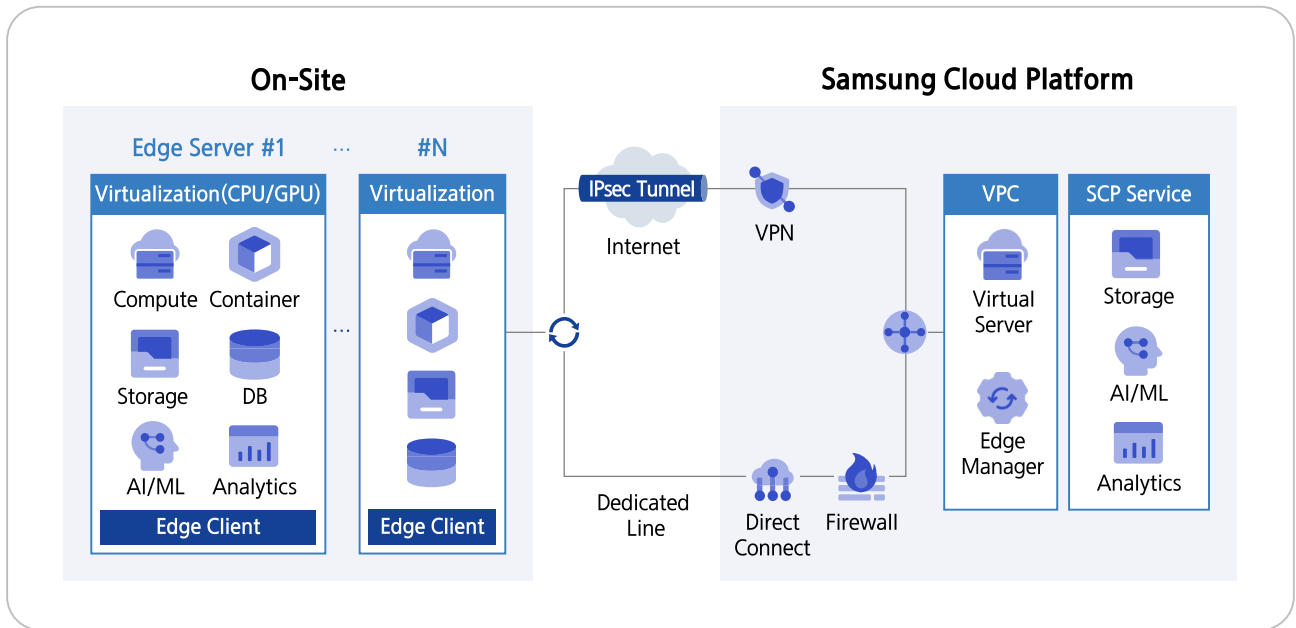


Offering Customized Service

A variety of virtualization platforms(KVM*, Container, etc.) are offered to suit user's environment. Also, new technologies such as AI, machine learning and big data can be adopted based on a preconfigured development environment and relevant ecosystems.

* KVM : Kernel-based Virtual Machine

Service Architecture



Key Features

- **Hybrid cloud setup**
 - Easy to set up a hybrid cloud between on-site and Samsung Cloud Platform(SCP)
 - Configuring network between Edge Server and SCP via VPN or a dedicated line
 - Enabling effective and simple data transfer between Edge Server and SCP
 - Allowing management of on-site devices on the cloud using SCP tools
- **Compatible with various edge platforms**
 - Providing various virtualization platforms suitable for user's environment(KVM, Container, etc.)
 - Offering server specification options(regular/large-capacity/GPU type)
 - Air-gapped network provided when network connection with SCP is not possible
- **Various use cases**
 - Big data/video data collection & analysis(AI/ML), hyperautomation, R&D, retail, etc.

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www.samsungsds.com / cloud.samsungsds.com
contact.sds@samsung.com / scp_sales@samsung.com
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