



HI GIO CLOUD

powered by FPT & IJ

- SERVICE PORTFOLIO -

Who we are



Our Vision

The global standard qualified cloud platform with the local touch for all enterprises in Vietnam

Our Mission

Enhance business productivity and flexibility with turn-key cloud technology to go one step further



Trust IT, Drive IT.

2017 Service Launch

The very first full-scale public cloud service in Vietnam, and the unique product of a powerful collaboration between two leading technology companies, **FPT Telecom and Internet Initiative Japan (IJ)**, for Vietnamese market based on advanced Japanese technology combined with FPT's international standard Data Centers system.

2023 Gen.2 has come

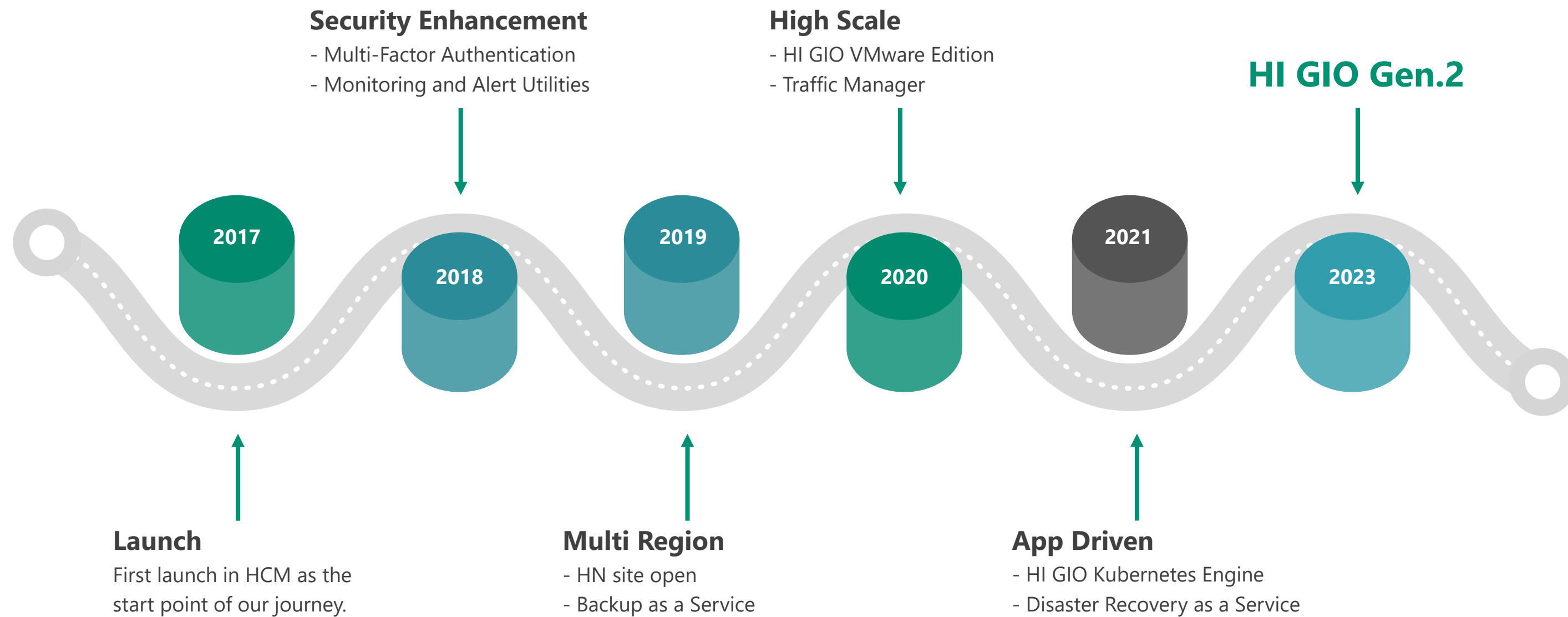
Comprehensively upgrading the cloud computing infrastructure to Enhance business productivity and flexibility with **turn-key cloud technology** to go one step further.

The miles we run

Never-ending enhancement and upgrading

The service platform is evolving continuously.

Catching up the latest technologies to provide solutions for customers on demand.



Why choose us



03 Data Centers in Hanoi & Ho Chi Minh meets ISO standards for design, construction & operation according to Vietnam & World Standards



24/7/365 support by locally made experts



15+ years experience of cloud service R&D globally



99.99% guarantee at least 99,99% of UPTIME in SLAs



2000+ businesses in various fields (Finance, E-commerce, Retail, etc.)



100+ high-experienced technical experts (Japanese & Vietnamese)



10+ quality certification for cloud computing services ISO/ IEC 27017:2015 & security standards PCI DSS v3.2.1



Why choose us



Comprehensive Security Capabilities

Commit a set of policies, controls, procedures, and technologies to protect cloud-based systems, data, and infrastructure.



Stability

Stabilize cloud server monitoring, replication, and security, ensuring minimal outages & optimal performance & consolidating disaster recovery infrastructure.



Scalability based on PAYG model

Efficiently scale the business up or down, on-demand, based on the requirements, at any given time. Create and delete each item as you need. We only bill you for your actual usage.



High Availability

HI GIO Cloud directly connects to the powerful backbone of FPT Telecom, which has up to 80Gbps and 100Gbps Ethernet speed of internal connection, to meet the high demand of customers.



Advanced Customization

Customized cloud infrastructures and services to meet the businesses' needs best by providing the ability to automatically manage and operate cloud resources through Restful API for free.



High-speed Performance

Provides communication between the cloud service and the local network environment through private connection standards: VPN, MPLS, and X-connect. In addition, flexible storage, with IOPS on NVMe hard drive platform (much faster than SSD) to meet customer requirements when running Big Data, AI,...

Highlights of market captive

A wide range of industry

HI GIO is applauded from all industry segment such as finance, e-commerce, education, retail, manufacturer, and more.



Overwhelming Growth

Number of contracts grows in over 30% YoY

From the first day of service launch, we've been growing over 30% CAGR for last 5 years. The trend continues in 2023.



FamilyMart

TIKI

VIETABANK

Sendo

FPT Education

SABECO

MINI STOP

Song Han Tourist

mo mo mobile money

CJ OLIVENETWORKS

VietCredit

GS25

Customer's voice

Cloud migration changed our business productivity



Quick cross-border cloud migration

Original system was located in China. It just need only 1 months to do the cross-border cloud migration because of full spectrum of support by HI GIO professional service

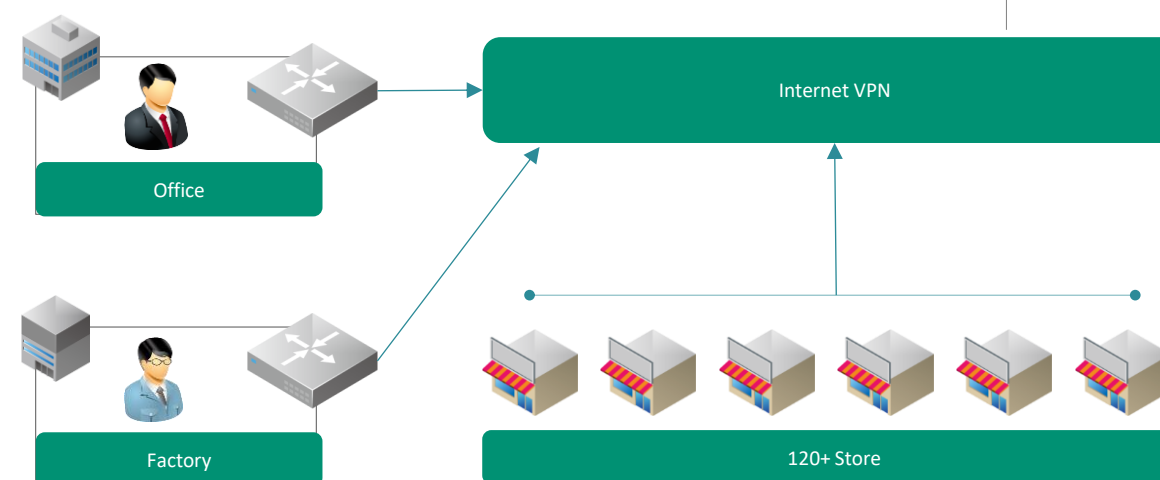
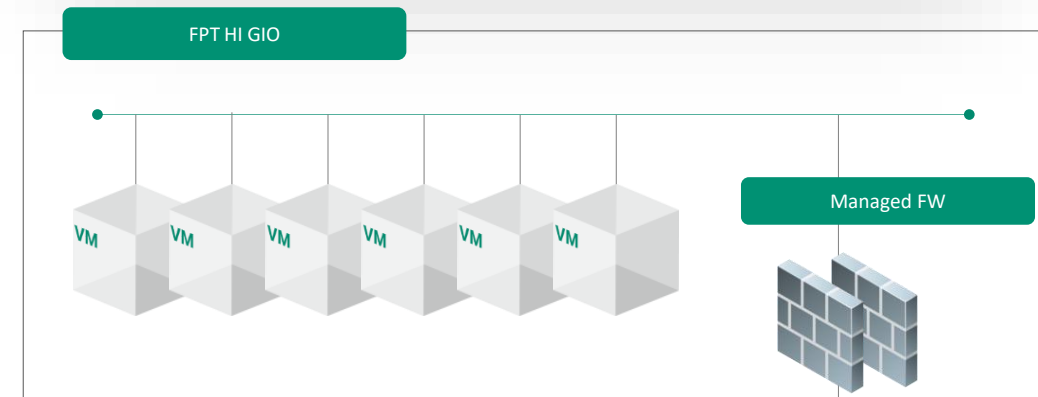


Trouble-less operation in 24/7

Grocery store is essential social needs for everyone. Ministop has realized to provide 24/7 trouble-less operation with HI GIO cloud

**MINISTOP VIETNAM
(AEON GROUP)**

It is one of big Japanese retail chain who rolling out their convenience store in Vietnam. Operating over 120 stores across the nation.



What we offer



HI GIO
Public Cloud



HI GIO
Private Cloud



HI GIO
BaaS



HI GIO
DRaaS



HI GIO
Network & Security



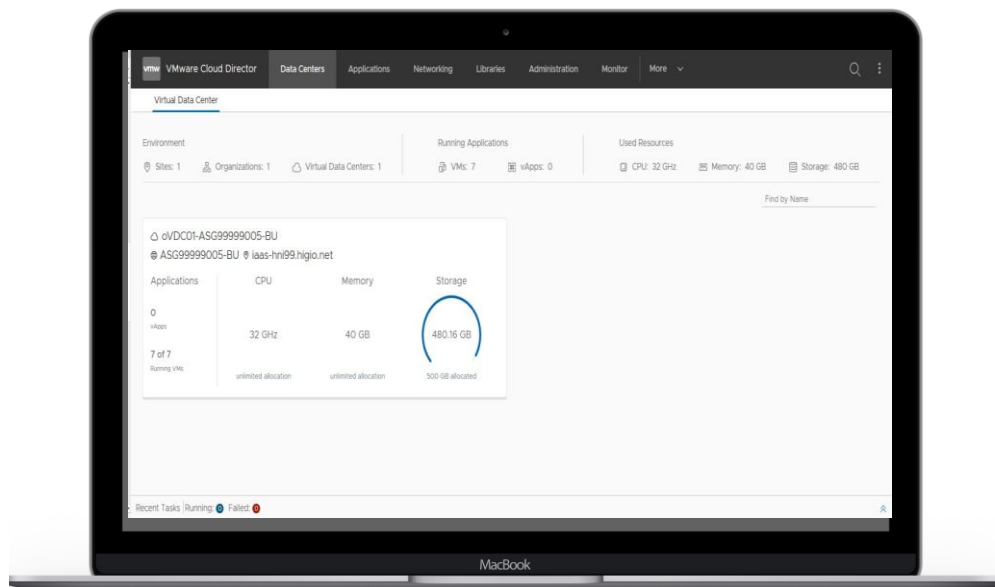
HI GIO
S3 Storage



HI GIO
Kubernetes



HI GIO
DBaaS
(coming soon)



Built To Go By Your Own

Offering you **the full flexibility** to create your own cloud platform by online HI GIO portal. Configure, manage, control and monitor all your preferable cloud resources.

Empower compute with NVIDIA GPU

GPU is the key accelerating performance

HI GIO Public and Private Cloud is fully adapted to NVIDIA GPU

Steps to go journey

Step 01

Select Public Compute or Private Cloud

Select the preferable choice, affordable flexible Public Compute or fully-dedicated Private Cloud.

Step 02

Select any from Storage & Backup Options

From a wide range of storage & Backup options, select necessary storage types and capacity attached to the Public and Private Cloud.

Step 03

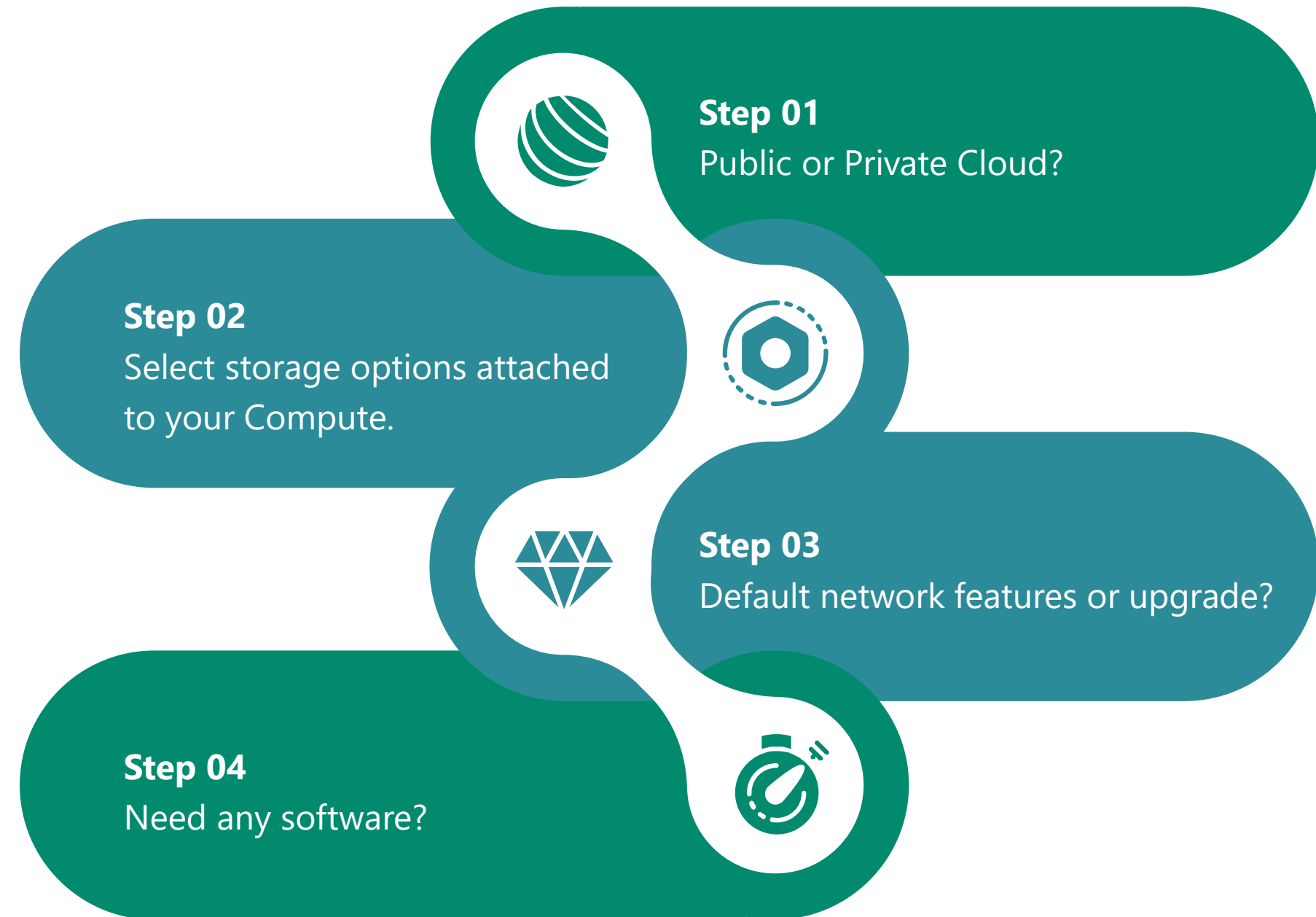
Select necessary Network & Appliance options

Free inclusive network features for everyone. Or you'll upgrade performance and/or select additional network features.

Step 04

Select necessary software from Software options

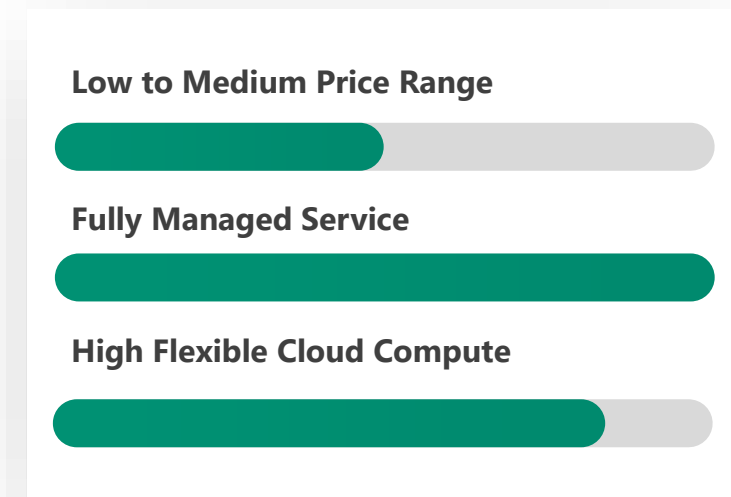
Various software is ready for you to install onto VMs in your Public or Private Cloud Pool.



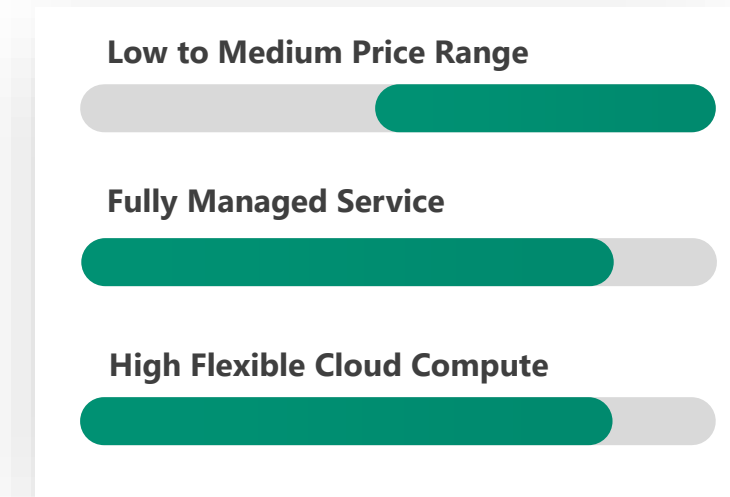
How we do



We provide **HI GIO Public Compute** for all enterprises needing a flexible and affordable cloud platform through free-hand designable services selected from on-demand instances, virtual storage, and network add-ins. We cover them all with a single service offer on a small or large scale.



We provide **HI GIO Private Cloud** for large enterprises who need a fully dedicated cloud platform for compliance and governance by offering business reserved hosts that ensure their resources are not shared with other customers.



Everything is up to you

You can select affordable Public Compute or Private Cloud to individualise your own cloud



Cloud Consulting and Advisory

We offer you the Consulting and Advisory service to assist you to design, implement, and/or migrate your cloud environment

SLA (Service Level Agreement)
The commitment to keep your cloud available around the clock **99.99%**

Composition

Step 01

Create the Public Compute Resource Pool

Create any amount of resource pool as you desired. You can change anytime after its start

Create the Private Compute Resource Pool

Select your own Private Cloud and Block Storage as much as you need. Your Private Compute pool is completely your own, and never be shared with another

Step 02

Create VPCs

Virtualizes compute, storage and network resources and makes them available to multiple VMs. We use network technologies such as encryption, tunneling, private IP addressing and virtual LANs (VLANs) to provide an isolated cloud environment

Step 03

Create VMs in the Pool

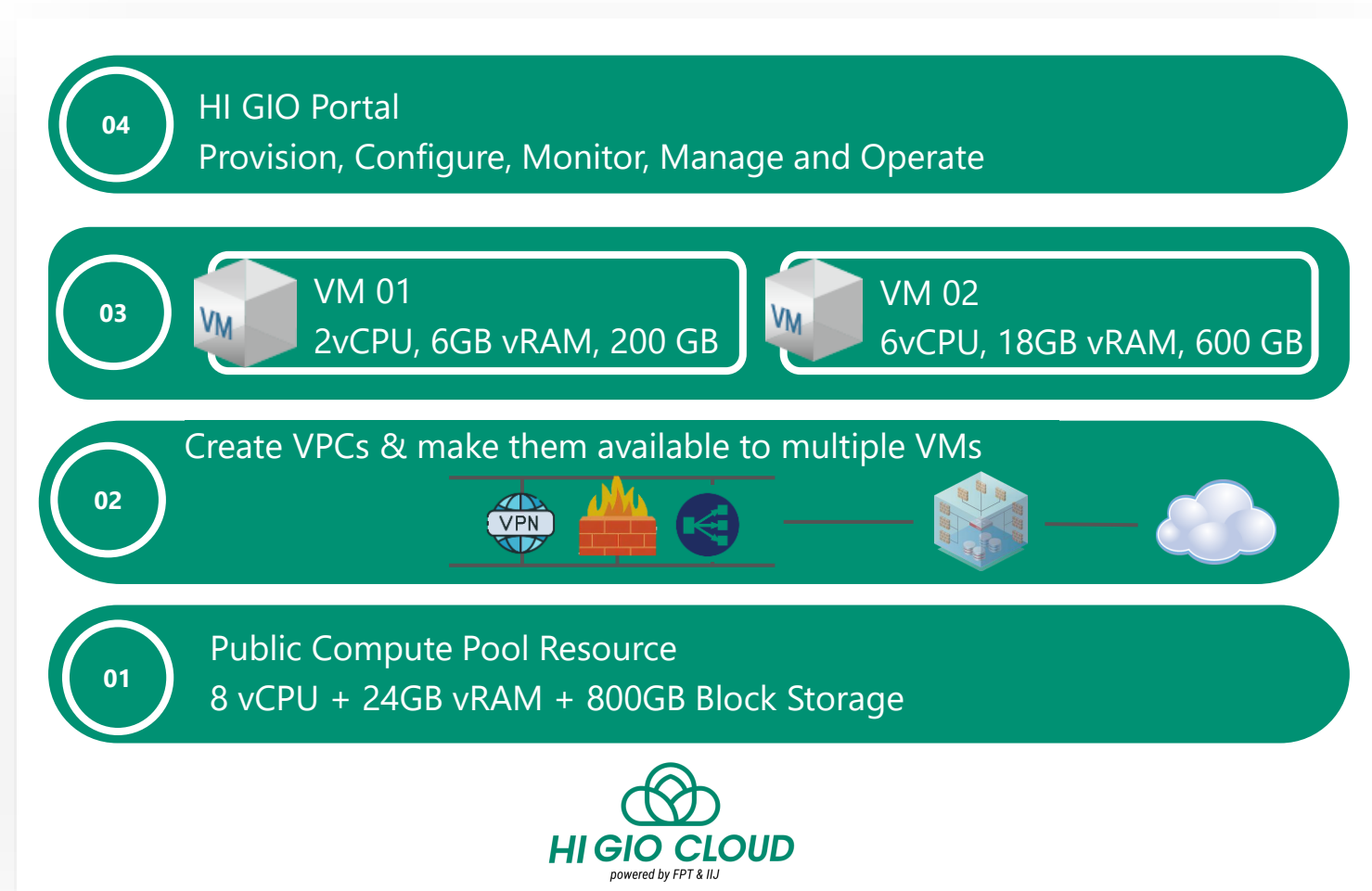
Provision preferable size of VMs in your pool. Many small servers? Or some big servers? It's completely depending on you. You can change or re-configure whenever you want at any time

Step 04

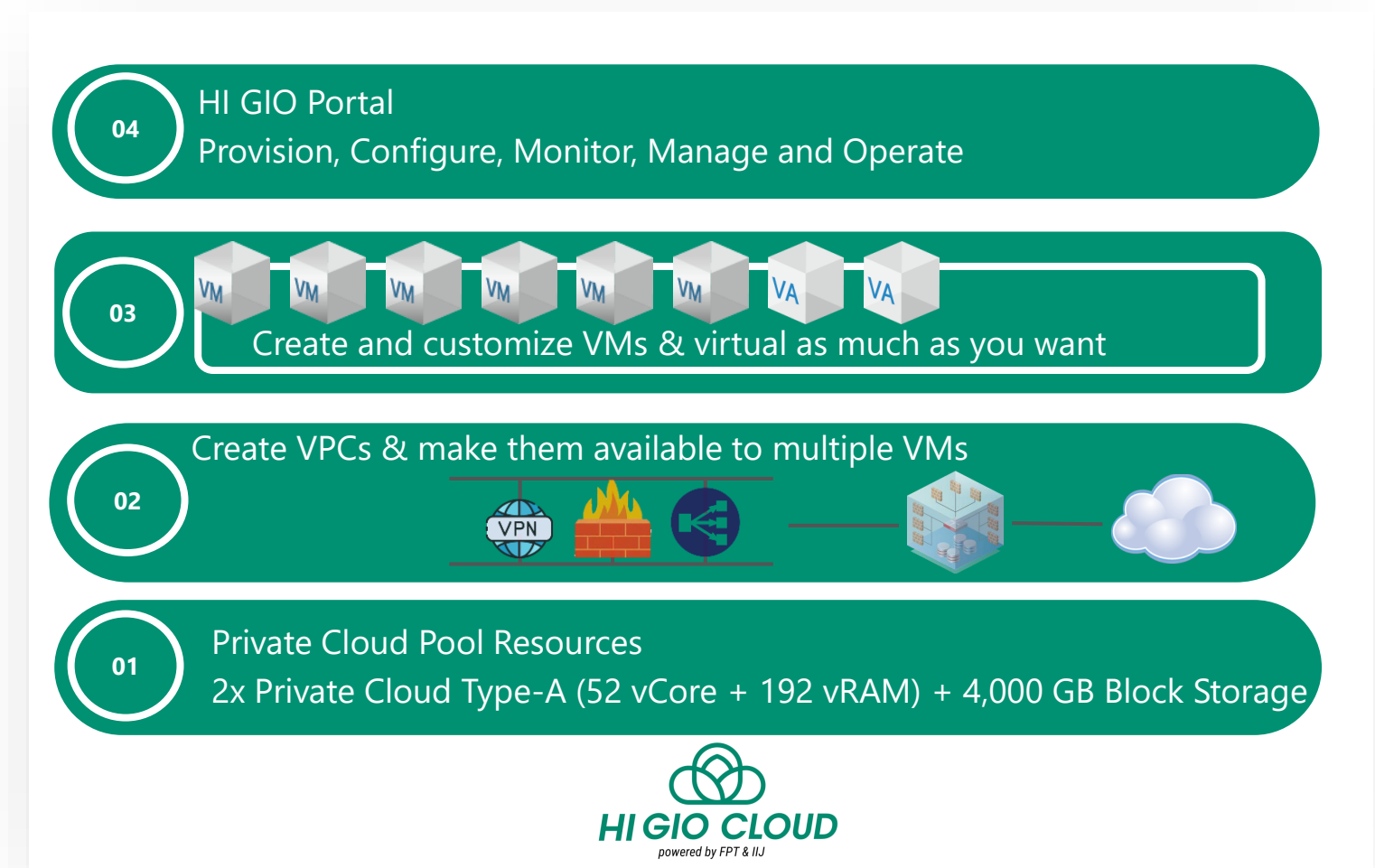
Run your business application on top of VMs

Install your software or application onto your created VMs to run. You can monitor your VMs through the HI GIO Gen.2 Control Panel and re-configure VMs when you need







HI GIO PUBLIC CLOUD









HI GIO PRIVATE CLOUD



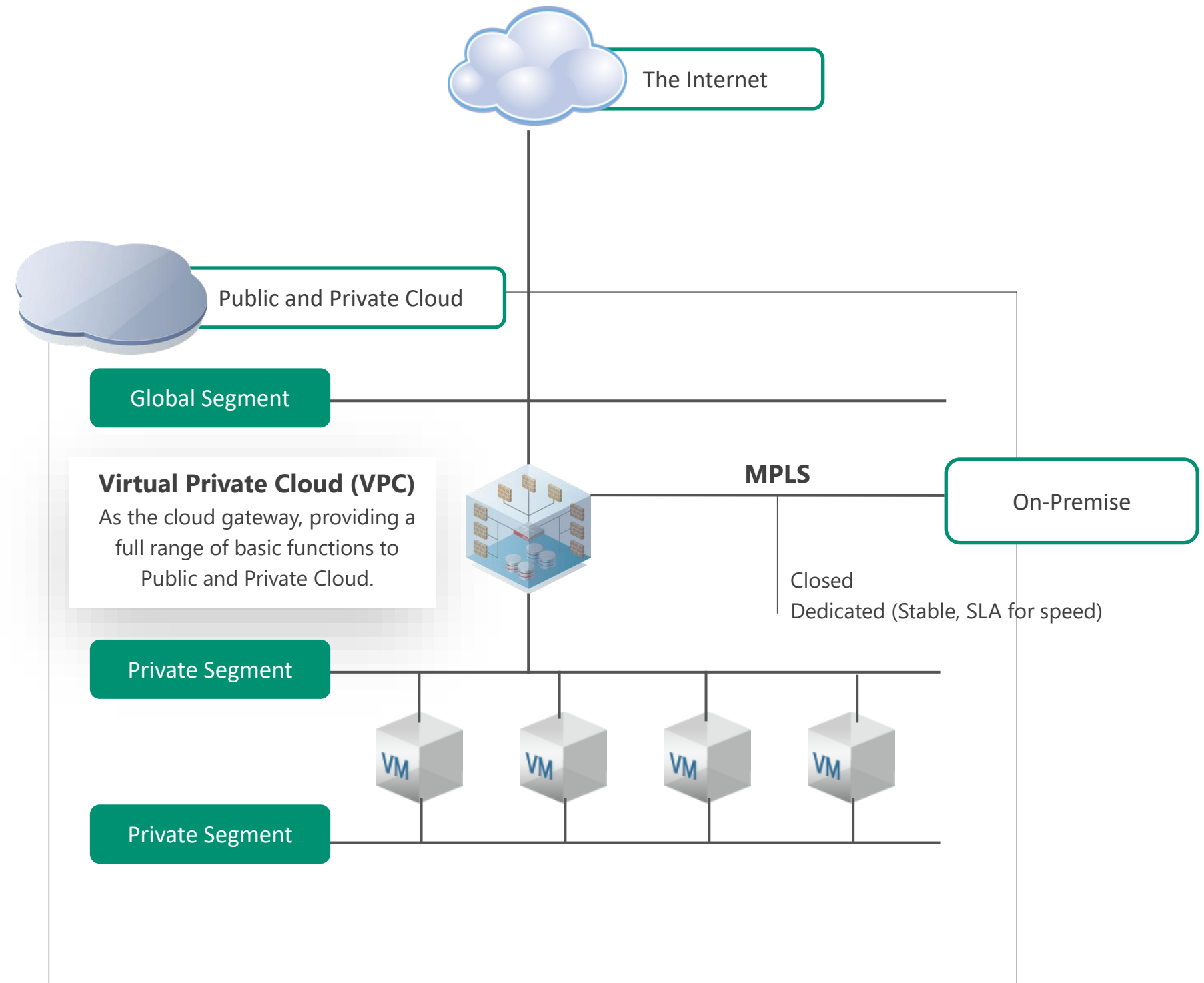
Virtual Private Cloud

-  **High Availability**
HA recovery just in case.
-  **Security Group**
L4 Firewall on Virtual Machine
-  **Redundant 10 Gbps Uplink**
10 Gbps double uplink connectivity.
-  **L4 Firewall**
To protect malicious inbound traffic.
-  **Scale-out VPC**
Selectable size of VPC.
-  **Static & Dynamic Routing**
To control internal and external routing.

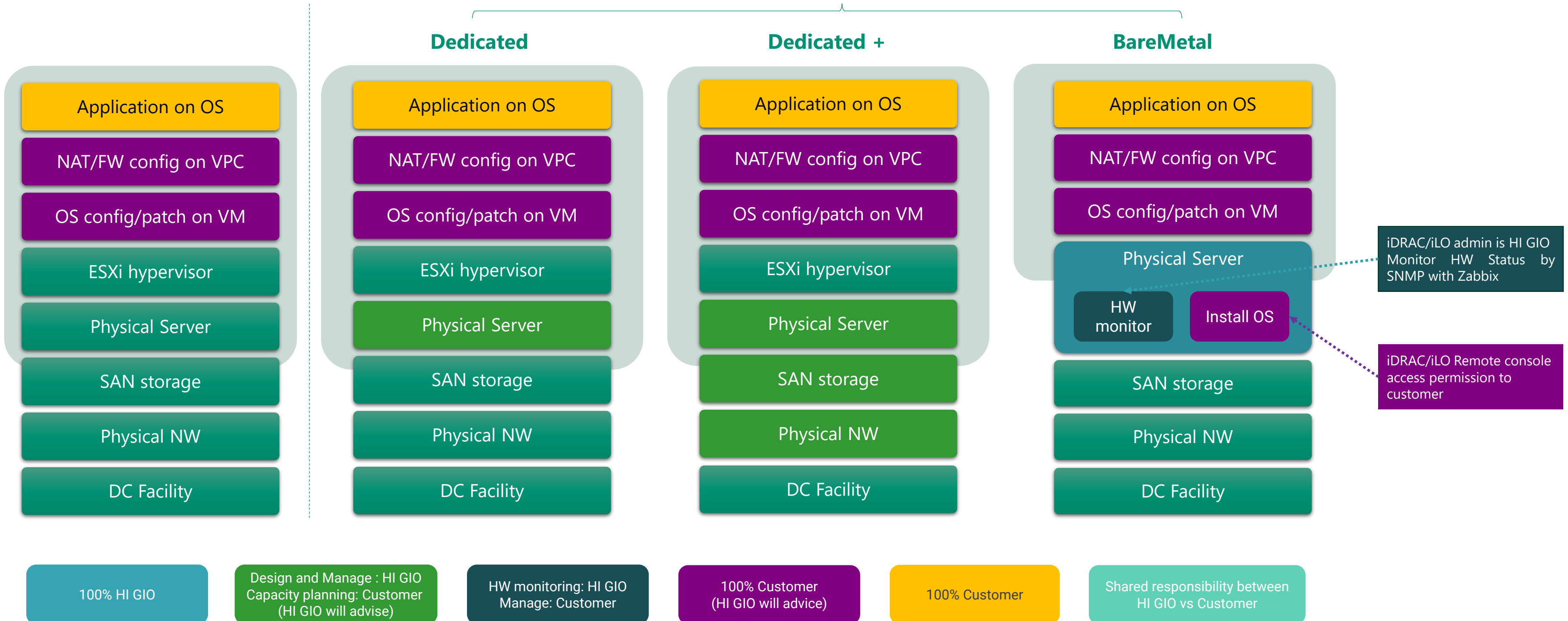
(be available on the portal)

-  **1 to 1 NAT**
For inbound access from the Internet.
-  **NAT Gateway**
Controlling outbound traffic via VPC.
-  **Port Forwarding**
For inbound access from the Internet.
-  **L4 & L7 Load Balancer**
For inbound traffic balancing.
-  **Site-to-Cloud VPN**
For secure private access from site.
-  **Client-to-Cloud VPN**
For secure private access from client.

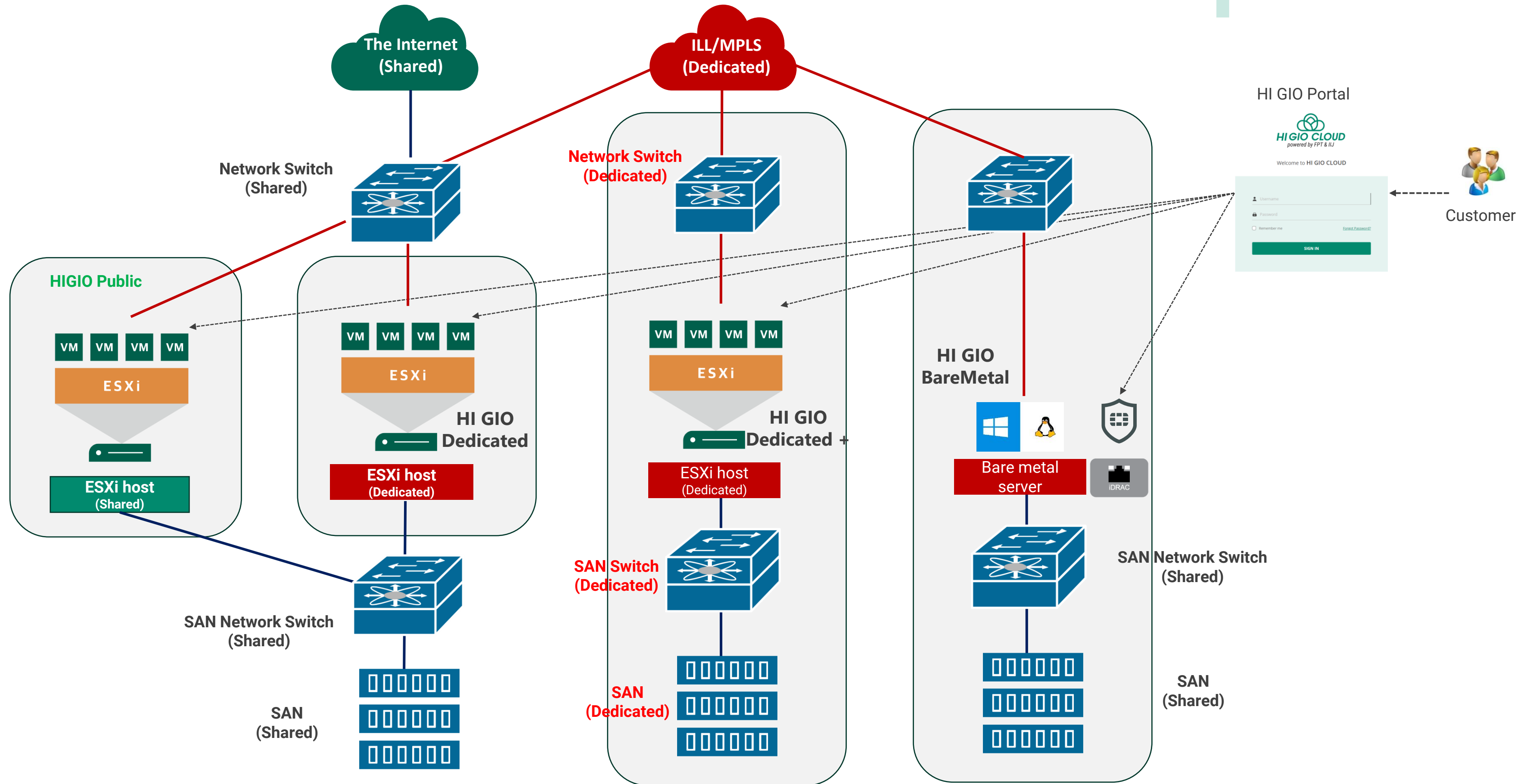
(need to purchase IP address in advance)



Model Comparison



Model Comparison



Features & Pricing

HI GIO Public Cloud & Private Cloud

HI GIO Public Cloud	Features	Initial Charge	Monthly Charge
1 CPU vCore	* From 1 vCore to 64 vCore per VM	Free of Charge	170,000 VND/vCore
1GB vRAM	* From 1GB to 512 GB per VM	Free of Charge	160,000 VND/GB

HI GIO Private Cloud	Features	Initial Charge	Monthly Charge
Dedicated	ESXi server with 25Gbps NW + 32Gb FC BTO (Build to order) only. *Standard packages will be released in 2024* (In-stock, no need to order)	Free of Charge	Contact us to get quotation
Dedicated +	ESXi server + Storage + NW devices BTO (Build to order) only.	Free of Charge	Contact us to get quotation
BareMetal	BereMetal server with 25Gbps NW + 32Gb FC ** OS license is not included BTO (Build to order) only.	Free of Charge	Contact us to get quotation

Spec. & Limit.

HI GIO PRIVATE CLOUD	Specification and Limitation
<p>A maximum size of 1 Pool.</p>	<p>1 Private Cloud Resource Pool can allocate...</p> <ul style="list-style-type: none"> - 2,000 vCore in maximum. - 10,000GB vRAM in maximum. - 500 VM in maximum.
<p>Maximum allocatable resource to 1 VM.</p>	<p>1 VM in Private Cloud Resource Pool can allocate...</p> <ul style="list-style-type: none"> - 64 vCore in maximum. - 512GB vRAM in maximum.
<p>Maximum allocatable storage to 1 VM.</p>	<p>1 VM in Private Cloud Resource Pool can attach...</p> <ul style="list-style-type: none"> - 60 disks attached in maximum. - 30,000 GB per one attached disk of Block Storage (Standard) - 10,000 GB per one attached disk of Block Storage (Premium)
<p>Limitation of 1 VM Private Cloud Resource Pool</p>	<p>A number of Network Interface connected : 10 networks (segments) Maximum network bandwidth : 10 Gbps</p>

Features & Pricing

Virtual Private Cloud

VPC	Performance and Spec	Initial Charge	Monthly Charge
VPC Standard	All VPC functions Network Throughput : Up to 1Gbps	Free of Charge	Free of Charge
VPC Premium	All VPC functions. Network Throughput : From 1Gbps up to 5Gbps	Free of Charge	1,000,000 VND/1Gbps
Global IPv4 Address	For internet access, 1to1 NAT, Port Forwarding, Client-to-Cloud VPN, Client-to-Site VPN	Free of Charge	100,000 VND / 1IP
VPC functions (VPC Standard and Premium)		Initial Charge	Monthly Charge
The internet connectivity	Redundant 10Gbps x 2 uplink connectivity.	Free of Charge	Free of Charge
Data Transmission	Inbound and Outbound	Free of Charge	Free of Charge
1to1 NAT	* Global IPv4 address Required	Free of Charge	Free of Charge
Port Forwarding	* Global IPv4 address Required	Free of Charge	Free of Charge
NAT Gateway	* Global IPv4 address Required	Free of Charge	Free of Charge
L4&L7 Load Balancer	* Global IPv4 address Required 200 sessions/sec per 1 Gbps VPC throughput	Free of Charge	Free of Charge
L4 Firewall		Free of Charge	Free of Charge
Security Group		Free of Charge	Free of Charge
VPN	* Global IPv4 address Required Client-to-Cloud VPN(IKEv2), Site-to-Cloud VPN(IPsec)	Free of Charge	Free of Charge
Routing	Static and dynamic routing of global and private segment	Free of Charge	Free of Charge

Features & Pricing

Block Storage

Block Storage	Features	Initial Charge	Monthly Charge
Standard Block Storage * Attached to Public and Private Cloud.	800 IOPS * From 1GB up to 30,000GB. * Upgradable to 2,000 and 4,000 IOPS.	Free of Charge	1,000 VND/GB
	2,000 IOPS * From 1GB up to 30,000GB. * Upgradable to 4,000 IOPS.	Free of Charge	3,000 VND/GB
	4,000 IOPS * From 1GB up to 30,000GB.	Free of Charge	5,000 VND/GB
Premium Block Storage * Attached to Public and Private Cloud.	8,000 IOPS * From 100GB up to 10,000GB. * Upgradable to 10,000 and 12,000 IOPS.	Free of Charge	10,000 VND/GB
	10,000 IOPS * From 100GB up to 10,000GB. * Upgradable to 12,000 IOPS.	Free of Charge	12,000 VND/GB
	12,000 IOPS * From 100GB up to 10,000GB.	Free of Charge	15,000 VND/GB

Features & Pricing | OS for Compute

CentOS / AlmaLinux	Performance and Spec	Initial Charge	Monthly Charge
CentOS ver. 7.9		Free of Charge	Free of Charge
AlmaLinux ver. 8.5		Free of Charge	Free of Charge
AlmaLinux ver. 9.0		Free of Charge	Free of Charge
Ubuntu	Performance and Spec	Initial Charge	Monthly Charge
Ubuntu ver. 18.04		Free of Charge	Free of Charge
Ubuntu ver. 20.04		Free of Charge	Free of Charge
Ubuntu ver. 22.04		Free of Charge	Free of Charge
Windows OS	Performance and Spec	Initial Charge	Monthly Charge
Windows Server 2016		Free of Charge	600,000 VND/Instance
Windows Server 2019		Free of Charge	600,000 VND/Instance
Windows Server 2022		Free of Charge	600,000 VND/Instance

How we do



Backup as a Service

We provide **BaaS** for all enterprises who need to protect their data in cloud environments, on-premises virtualization environments, and physical servers with a comprehensive backup solution. This solution can back up multiple platforms such as Centos, RedHat, Ubuntu, Windows, etc.

SLA (Service Level Agreement)

The commitment to keep your cloud available around the clock

99.99%



Backup as a Service is the Gold Service Provider of Veeam* as the Veeam solution enabler on cloud

* IJ Global Solutions Vietnam has the Gold Service Provider certificate

400,000+ Customers worldwide

15.3 Mil+ VMs are protected

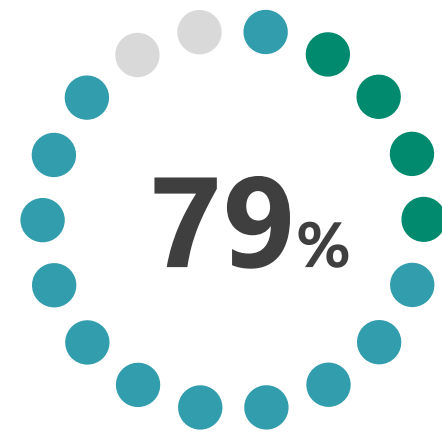
74% of Fortune 500 enterprises choose Veeam

6th times a leader of Gartner Magic Quadrant

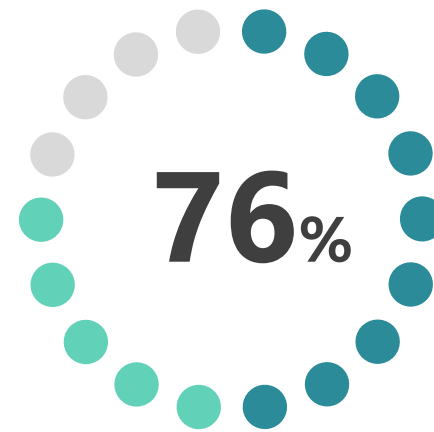
Data protection and preservation is the critical issue for IT leaders

Veeam, Data Protection Trend 2023.

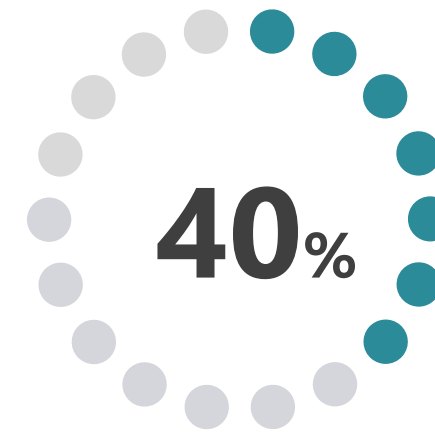
Trend survey by Veeam in 2023, for 3,000+ IT leaders



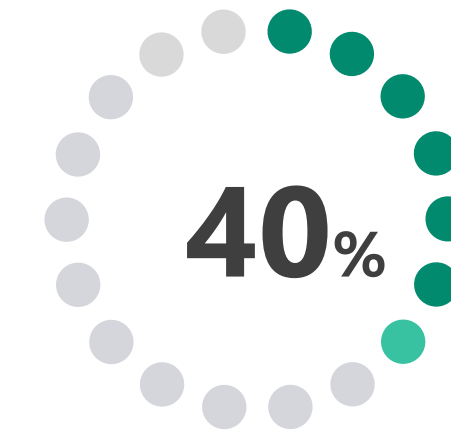
79% of enterprises have a gap in data protection



76% of enterprises had at least one ransomware attack



40% of servers suffered at least one trouble per year



40% of data is unrecoverable after cyberattack & trouble

Key challenges of backup data across the Multi-cloud



Data Criticality

The need to ensure that data is secure, protected and in compliance is increasingly critical to business outcomes



Data Growth

The sheer amount of data, its rapid growth, changes and related costs of managing it is a massive challenge for businesses of all sizes



Data sprawl

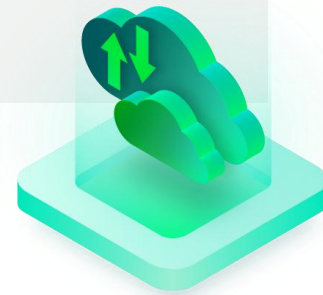
Data is generated from a wider variety of sources, introducing challenges in managing and mining value from the data

The 3-2-1 rule of Backup

3

≥ Copies of your data

Having one backup isn't enough, especially if it is stored in the same location as the primary data and on the same type of media.



2

≥ Types of media

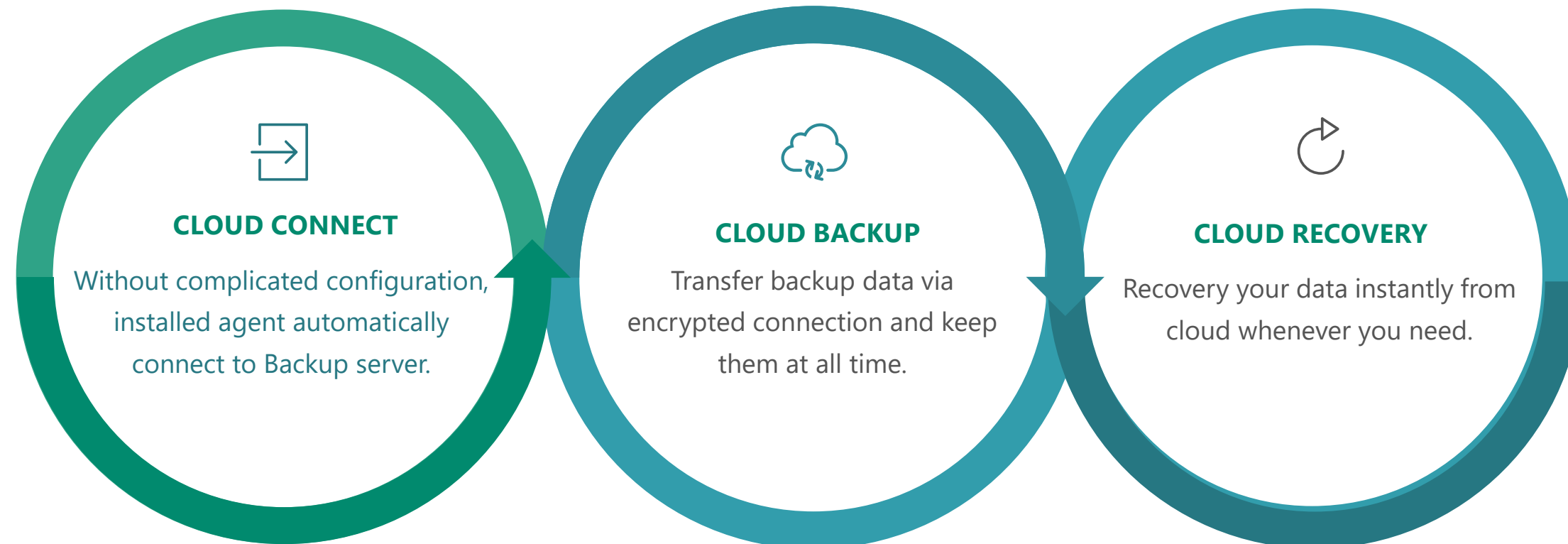
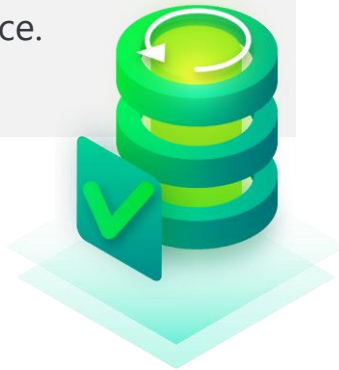
Two devices of the same type have a much greater risk of failing around the same time than two different storage media.



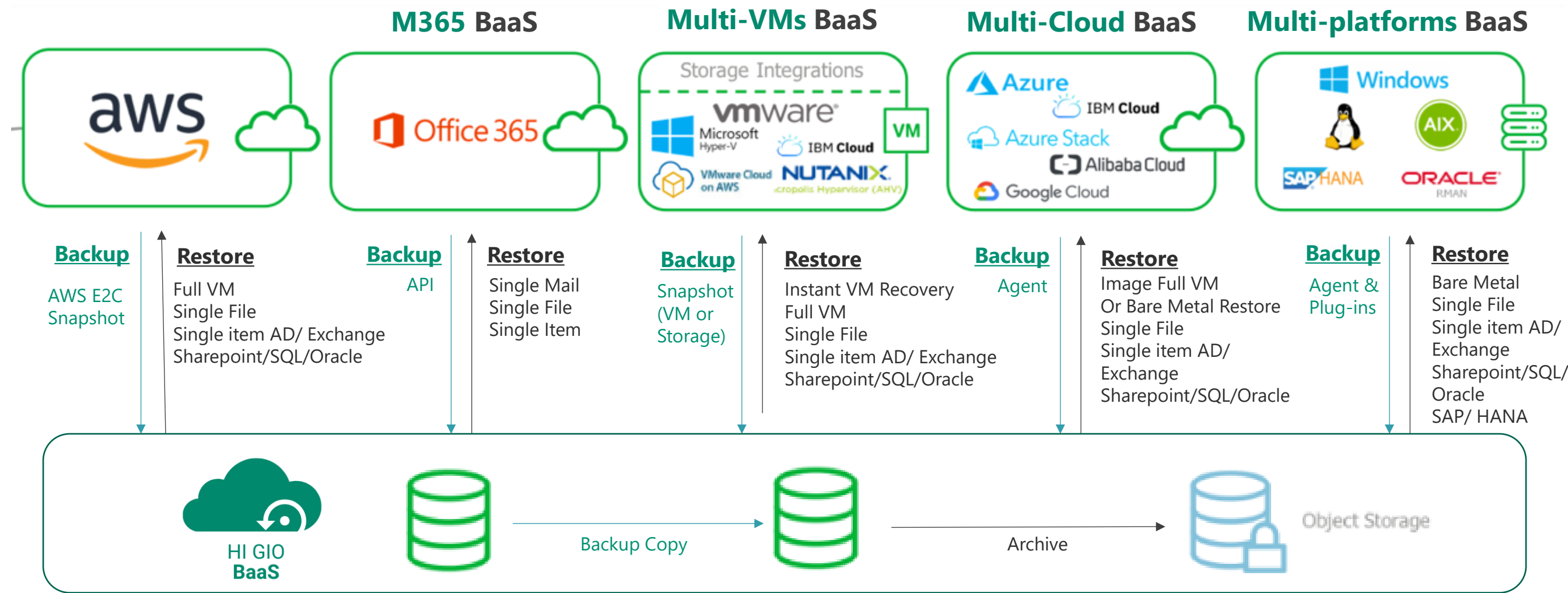
1

≥ Copy off-site

Physical separation between copies is imperative to plan for localized disasters that could damage all copies of data stored in one place.



Key Capabilities



Broad protection
Automate comprehensive backup across cloud, virtual, physical and NAS environments.

Freedom of choice
100% software-defined and hardware-agnostic solutions for ultimate flexibility

Reliable recovery
Automated backup and replica testing ensures recovery in any disaster.

Data stays safe
End-to-end immutability for your backups everywhere, from the datacenter to the cloud.

Cloud-integrated agents
Centralized AWS-, Microsoft-Azure- and Google-Cloud backup and recovery.

Restore anywhere
Recover across multiple clouds and platforms in a portable data format.

Instant Recovery
Achieve your service level agreements (SLAs) with reliable restores from the pioneer of instant recovery.

Scale out with ease
Reduce costs by combining any storage together to create a scalable backup repository.

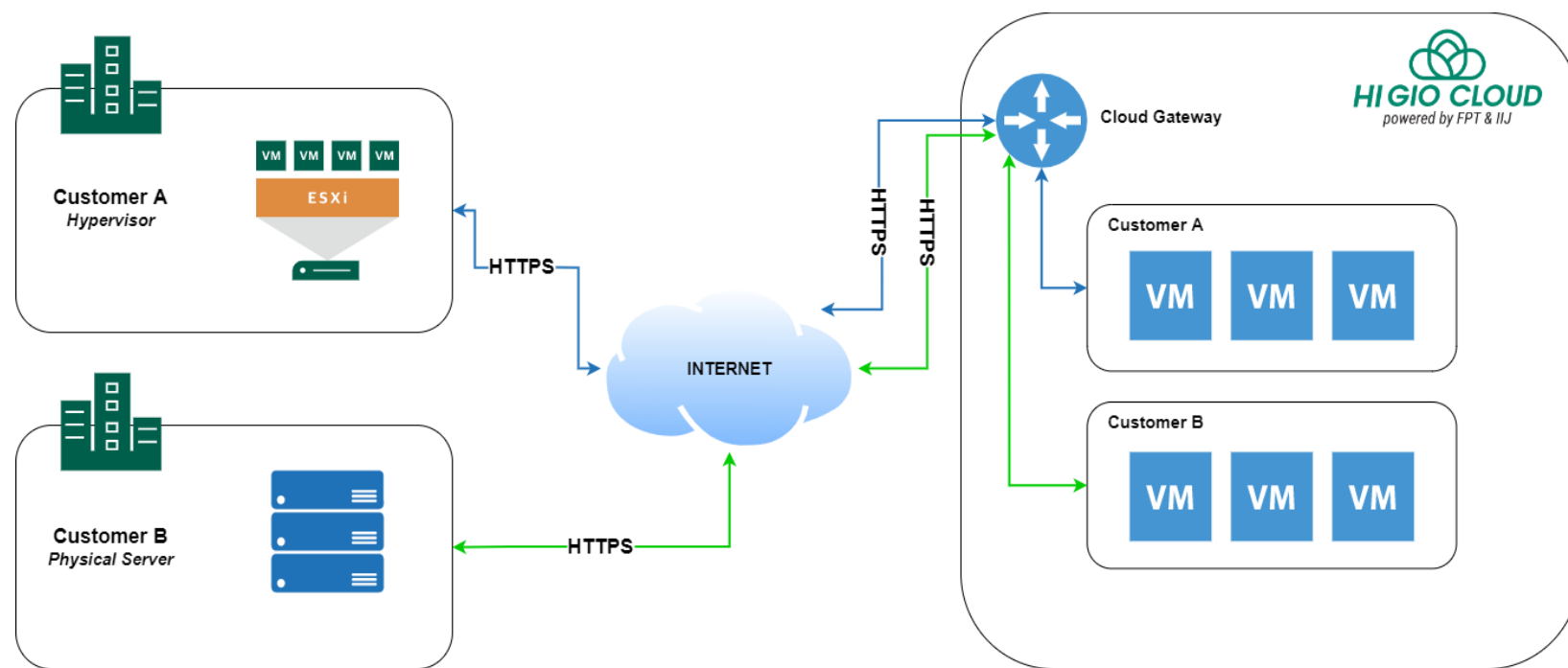
Cloud DR
Get two-step recovery to any cloud for agile disaster recovery (DR), dev/test and analytics.

Methods

HI GIO BaaS

We offer a user-friendly & cost-effective online Data Backup & Recovery solution ensuring safeguarding **files, folders**, etc.

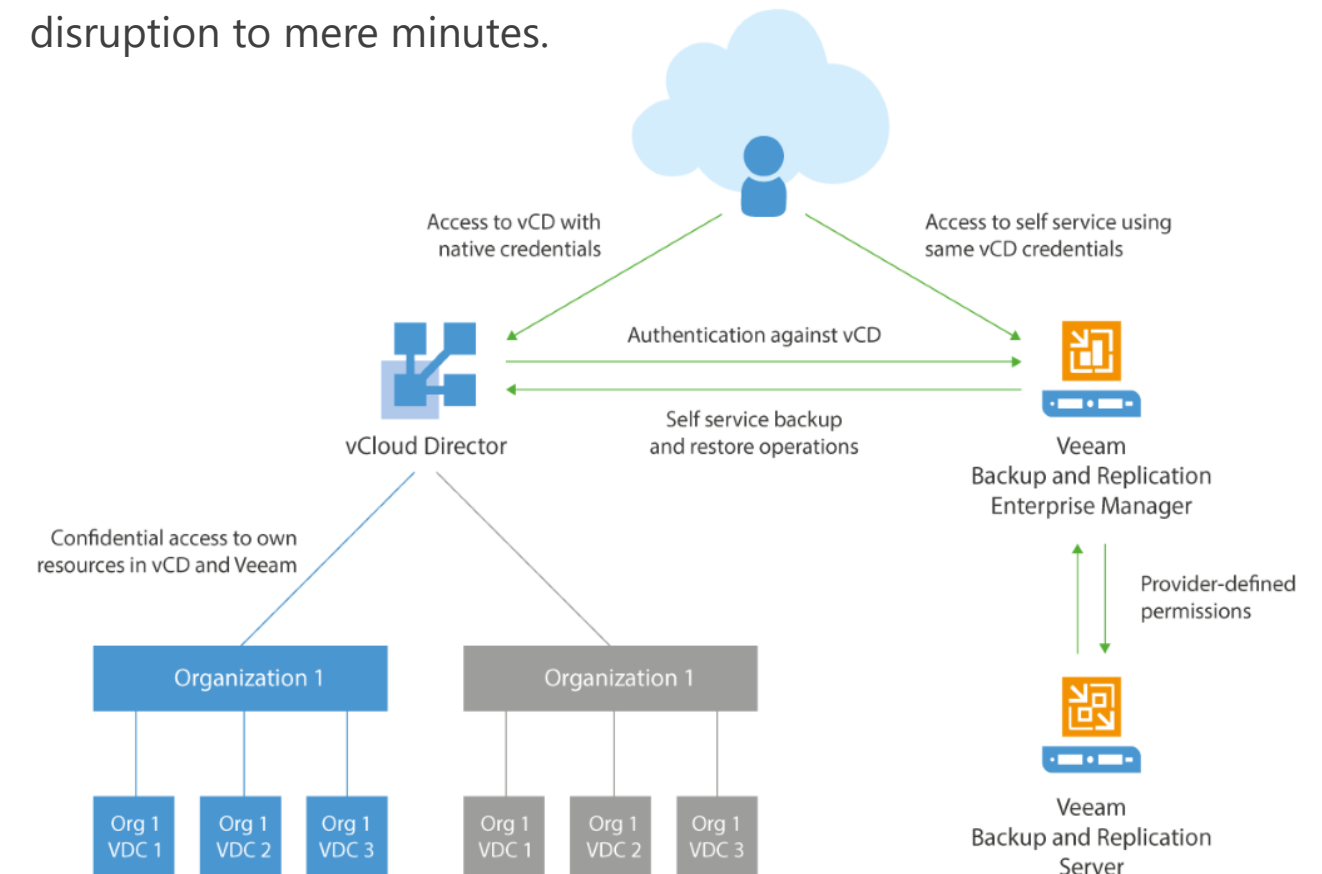
- Utilizing Veeam Portal.
 - Applying on Gen1, Gen2, & on-premises environment.
 - Tailoring a secure and efficient storage, disaster recovery, and backup service to business needs.



HI GIO Backup

We offer a high-speed Backup & Recovery solution with **VM servers** in a single portal, exclusively available for **HI GIO Gen.2**.

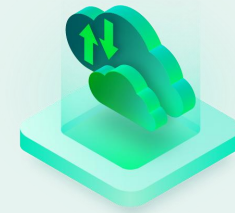
- Allowing tenants to back up & restore single VMs, vApps.
 - Facilitating handy self-service restoration within a single portal using vCloud Director (vCD).
 - Swiftly restore diverse workloads as VMs by instant recovery; aid in migration or quickly recovering with minimal impact; improve RTO and minimize disruption to mere minutes.



FEATURES & PRICING



Mr. Kenichiro Okizaki | Vice President, CTO of IJ GS Vietnam
(Gold Service Provider of Veeam - Award 2022)



Cloud Connect

Fast and secure connection to cloud backup space. The Veeam agent installed on the target autonomously connects to



Built-in WAN acceleration

Veeam technology to optimize data transfer to cloud backup storage.



End-to-End Encryption

All online data paths and storage are encrypted. Your data is completely secured even while transferring



VM Recovery

Not only files, but also, we can rescue VMs from backup repository instantly



File-level Recovery

Through the control panel, you can take and restore any file from its backup storage



Unified Control Panel

The control panel of Backup as a Service is unified to management portal with Single Sign-On

Software	Features	Initial Charge	Monthly Charge
Veeam Backup & Recovery Agent with Cloud Connect Enterprise Plus	Backup Targets are : <ul style="list-style-type: none"> Win 7 SP1, Win 8.x, Win 10, Win 11 Win Server 2008 R2 SP1, 2012, 2016, 2019, 2022 CentOS 6.0 or later RHEL 6.0 or later Ubuntu 14.04 or later 	Free of Charge	300,000 VND/instance
Microsoft 365 BaaS <small>Required the number of M365 accounts to backup</small>	Backup Targets: Exchange Online, SharePoint Online, OneDrive for Business, Teams	Free of Charge	<ul style="list-style-type: none"> 40,000 VND/ M365 account 2,000 VND/ GB
Veeam Cloud Connect	* In case of that you have the on-premise license of Veeam Backup & Recovery Agent.	Free of Charge	190,000 VND/instance
Data Backup Storage * Need backup agents for all backup targets VMs	* From 1GB up to 30,000GB.	Free of Charge	2,000 VND/GB

How we do

4



HI GIO
DRaaS

Disaster Recovery as a Service

We provide **HI GIO DRaaS** for all enterprises who need to initiate secure data replication to another region, such as on-premises to HI GIO Cloud, HI GIO Cloud Ho Chi Minh to HI GIO Cloud Hanoi, or vice versa by setting up HI GIO DRaaS on their resource servers. Furthermore, the RPO has a minimum value of 5 minutes, which suits their critical system.

Use independently
Or use together with Compute

What is the potential disaster for enterprise?

Natural Disaster

The risk of service and business interruption by natural disasters is a high potential issue for all enterprises. (Floods, Earthquakes, or Storms.)

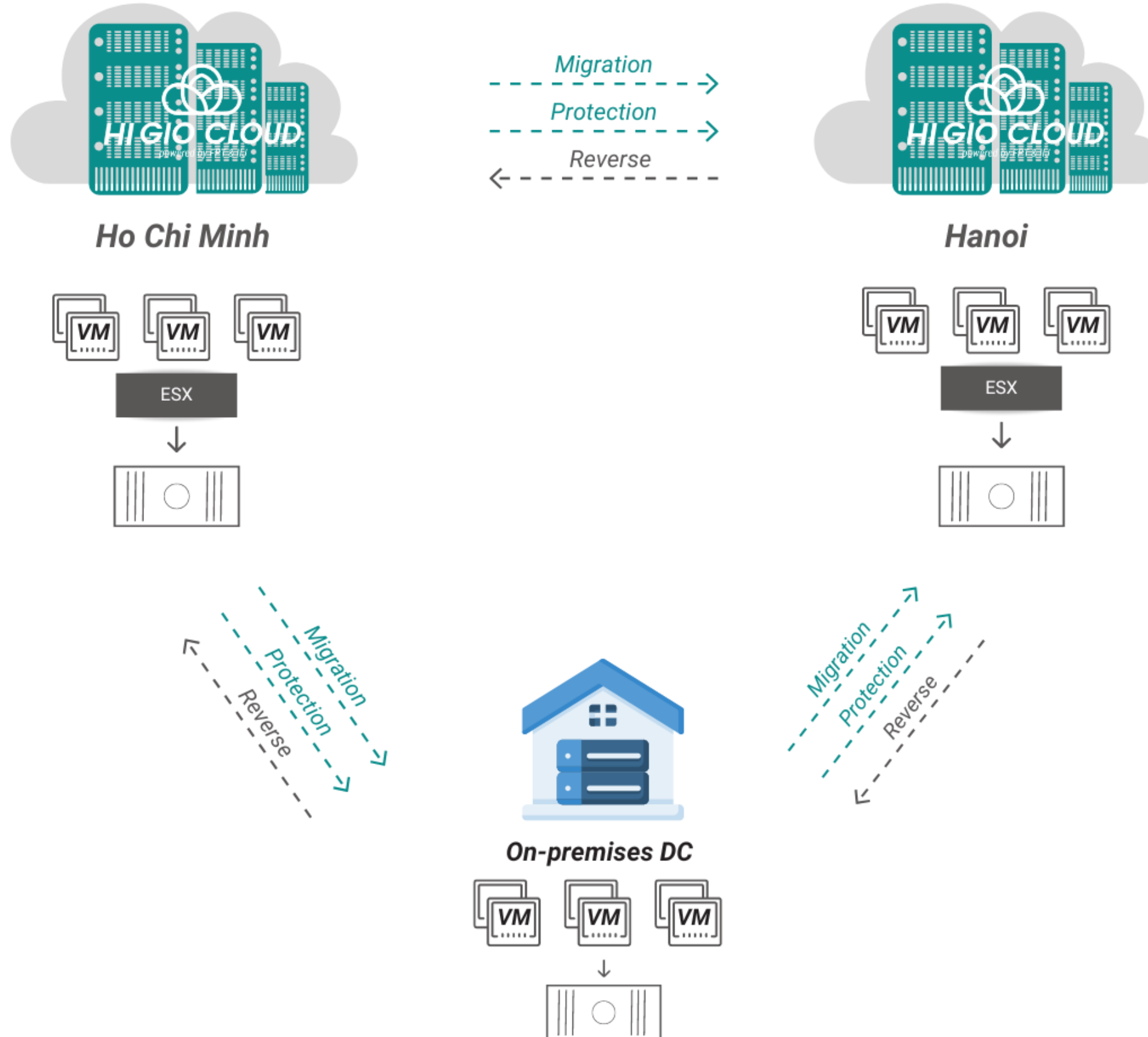
Black Out

The risk of electricity shortage and black-out greatly impacts service and business continuity. Even in the data center, the risk still exists.

System Critical Trouble

Of human operation mistakes, cyber-attacks, or unexpected hardware troubles, the service and business may be suddenly suspended.

FEATURES & PRICING



Features	
Supported Backup-Target Hypervisors	VMware vSphere ESXi Ver 6.5 or above
SLA	Partial Failover : Completion in 15 minutes (per 1 VM) Full Site Recovery : 1 hour (Less than 50VMs in total)
Failover Operation	By VMware vCDA portal
RPO (Recovery Point Objective)	15 minutes
Full Failover and Full Failback	Available
Partial Failover and Partial Failback * Failover operation of selected VMs	Available
Test Failover	Available
Outer Connection	Internet, MPLS, or Cross-Connect in DC
Encrypted Data Transmission	AES-256 Encryption
Automatic L2 VPN connection	HI GIO DRaaS creates L2 VPN connection to failover-deploy with the same network configuration

FEATURES & PRICING

PAY AS YOU GO

HI GIO DRaaS provides you the pay-per-use monthly charge to minimize the cost until the disaster. High performance, enterprise-class cloud disaster recovery service, priced for smaller organizations.

QUICK INSTALLATION

Just install the DRaaS application onto your HI GIO Compute. All settings are configured on its app.

TRAINING & PARTIAL FAILOVER

Support recovery training for the complete preparation to the real disaster. The Partial failover features help it.

FASTER RECOVERY TIMES

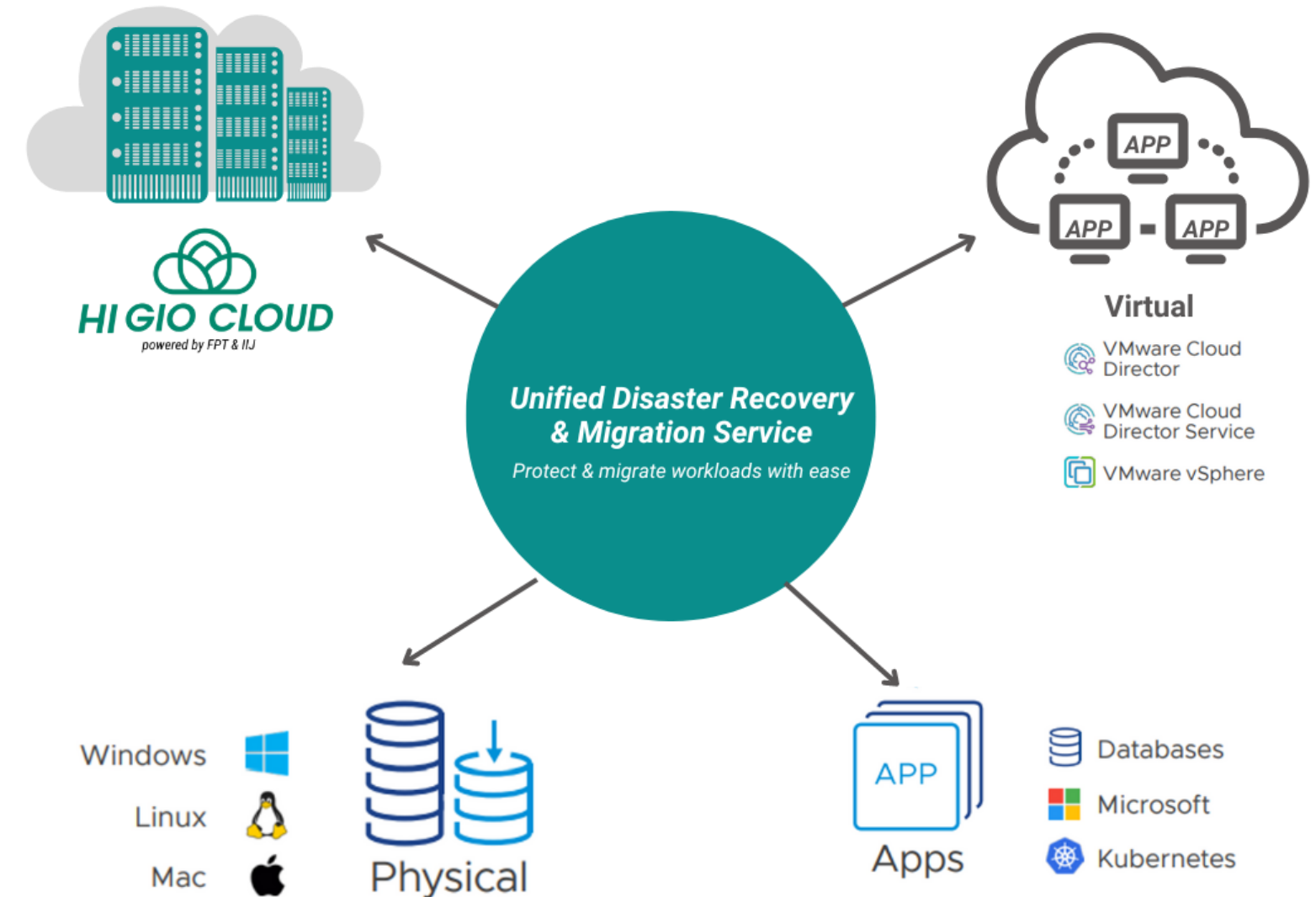
Achieve your service level agreements (SLAs) with reliable restores from the pioneer of instant recovery.

COMPLIANCE

Faster recovery times may help avoid fines for missing deadlines.

PROFESSIONAL ADVISORY

Consulting and Advisory service included to consider your BCP and DR planning.



How we do



We provide **HI GIO Network & Security** for all enterprises' networks that need to address their particular protection and compliance requirements by fine-grained protections at host, network, and application levels such as Distributed Firewall, Edge Firewall, Web Application Firewall (WAF), Third Party Firewall (Checkpoint, Fortigate), Zero Trust Network Access (ZTNA).

**Attachable to
Public and Private Cloud**

SLA (Service Level Agreement)

The commitment to keep your cloud available around the clock.

99.99%



Security Add-ons. Protect your cloud

A wide variety of security appliances

HI GIO cloud provides you with several essential virtual appliances to supplement its security capability.

As your demand, necessity, and will, combine any 3rd party appliance to realize. The appliance control panels are integrated into the HI GIO Cloud portal.

Option 01

Web Application Firewall

WAF prevents attacks exploiting a web application's vulnerabilities. It is essential for critical websites to handle privacy and confidential information

Option 02

Next-Generation Firewall

NGFW is the key solution to protect cloud space from unknown threats in cyberspace

Option 03

Zero Trust Access

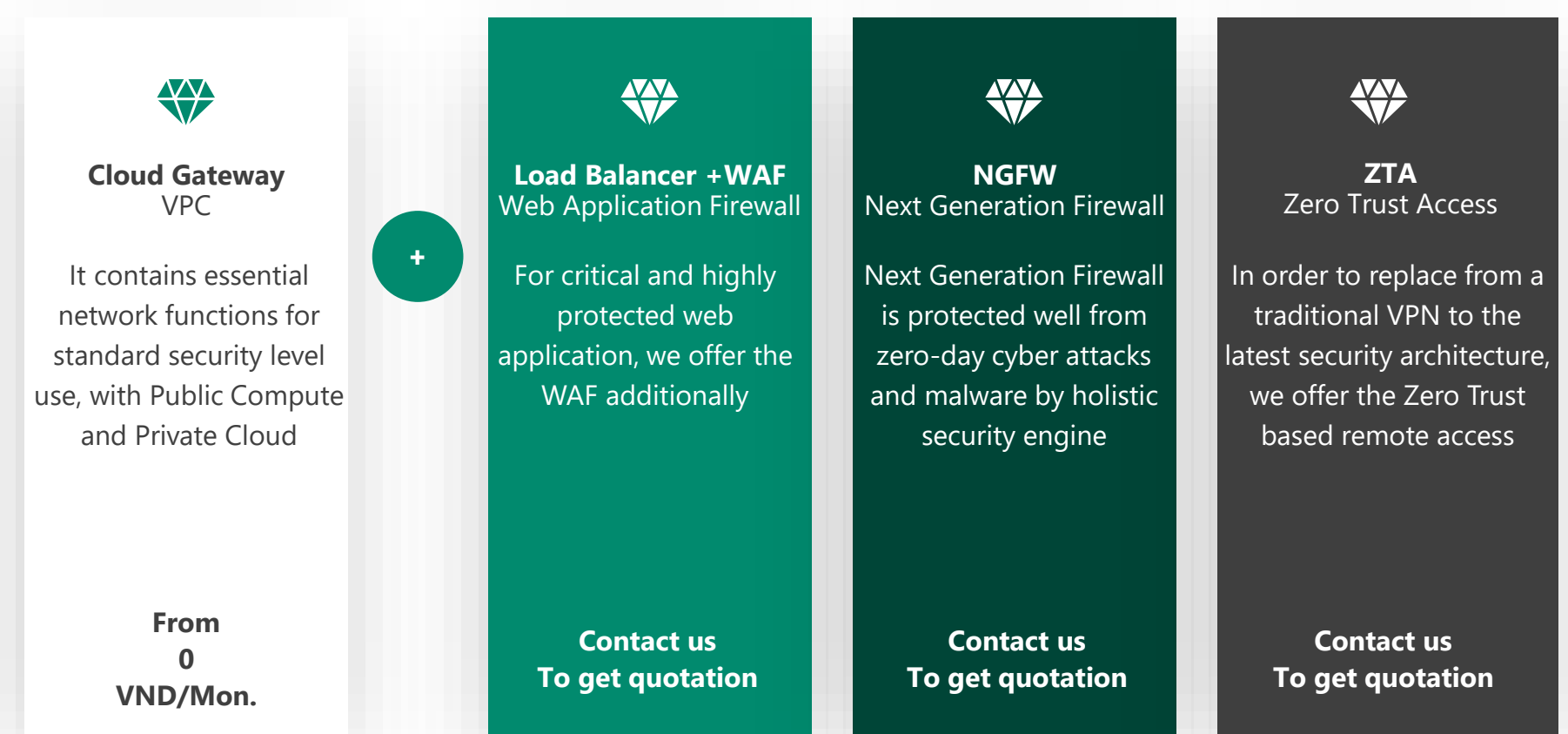
ZTA is the latest architecture concept to replace the traditional remote VPN access to secure your cloud zone



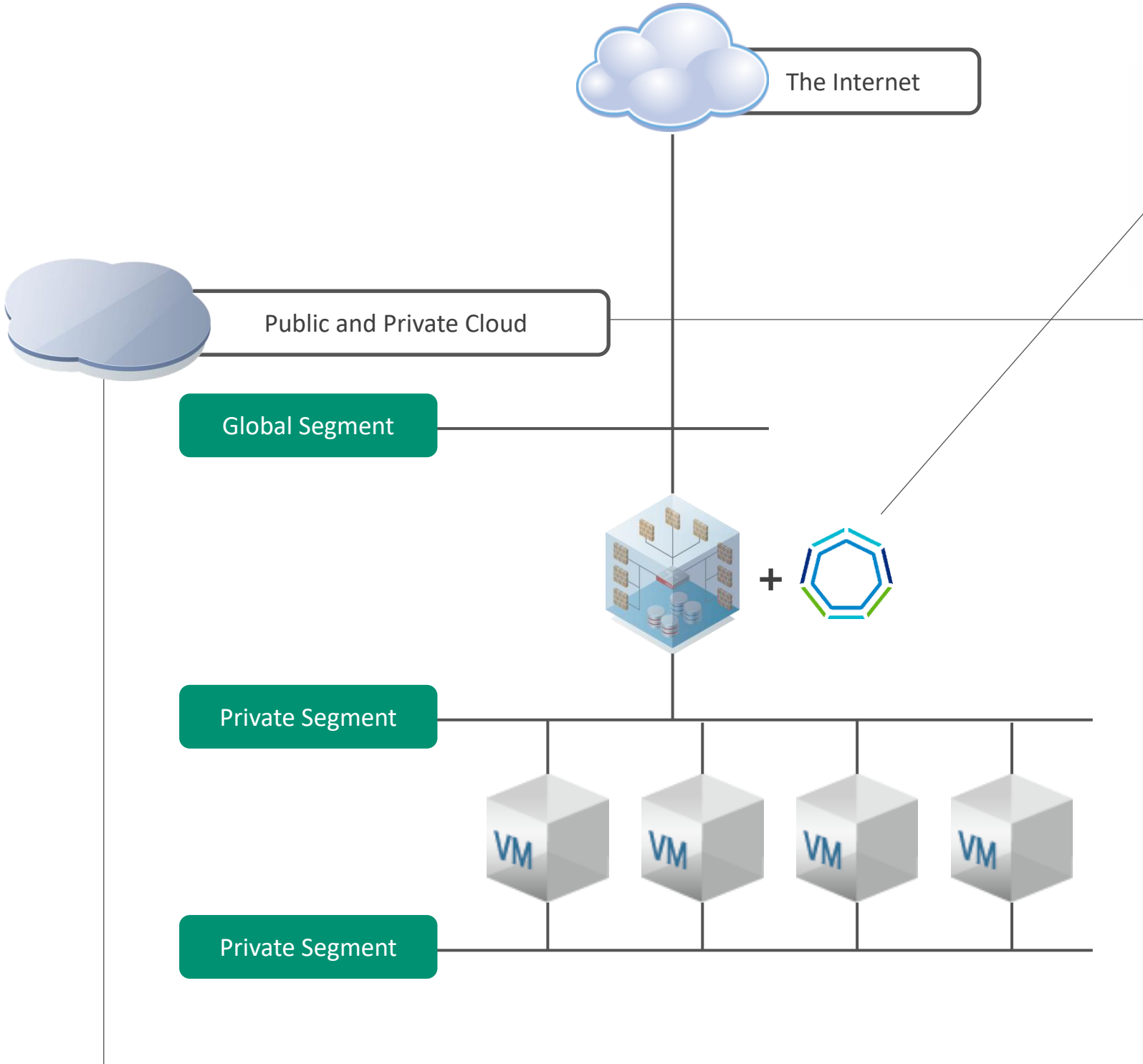
Create your own Security

Combination from selectable components.

In addition to the standard Cloud Gateway, you can add some network & security components.



VPC + WAF add-on



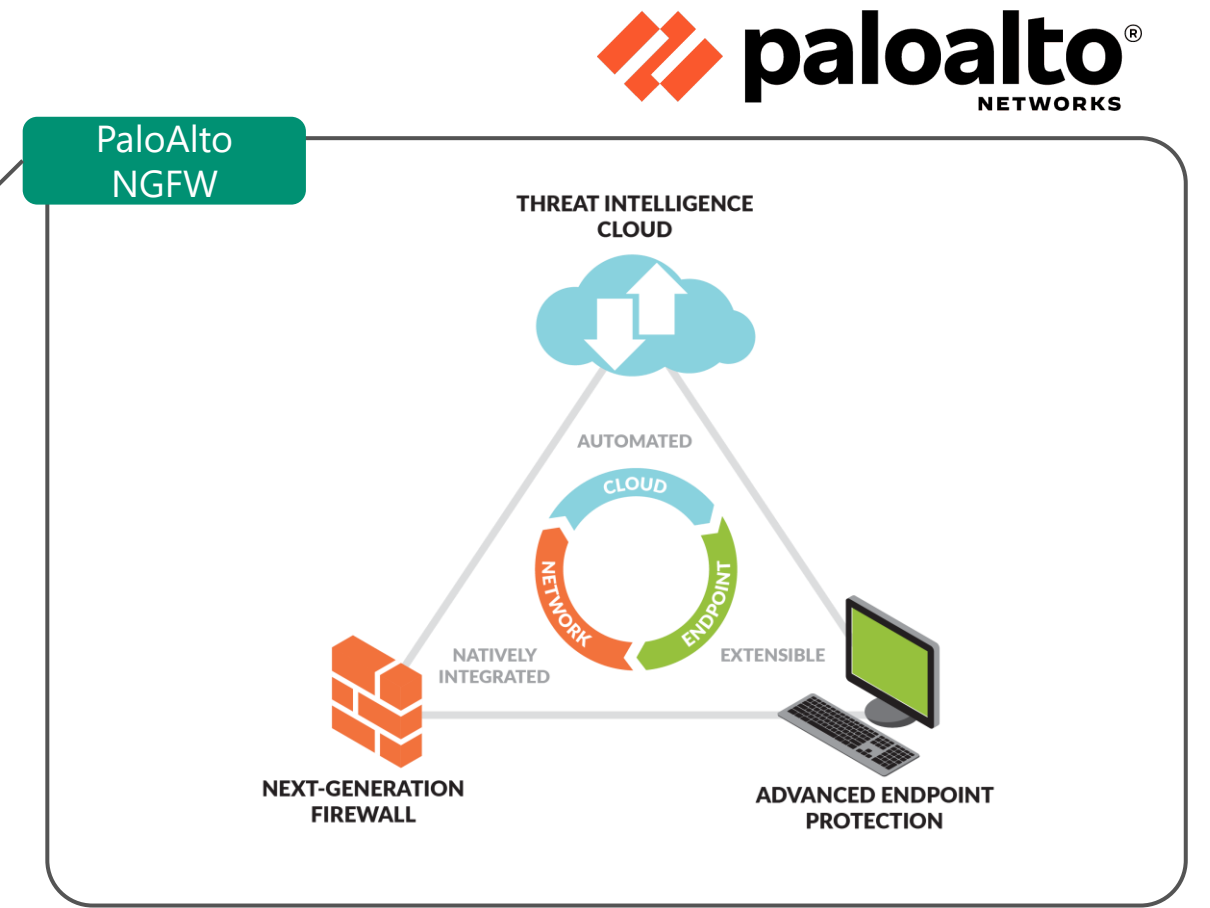
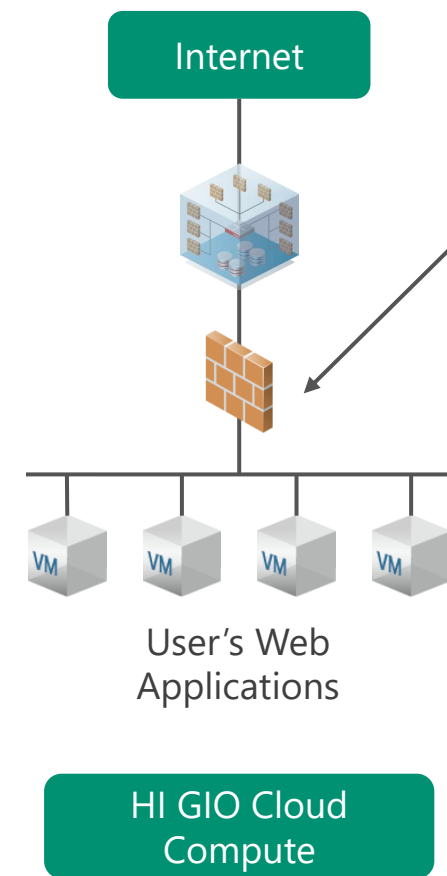
VPC + WAF add-on
 WAF is ready to use with VPC. For additional features and security.

	VPC Standard / Premium	WAF add-on
L4 Load-balancing	Limited to basic L4 protocols	Full Featured
L7 Load-balancing	Limited to basic L7 features	Full Featured and HTTP2
Global Traffic Control	-	Enterprise Grade GSLB
App Rate Limiting	-	Full featured
DDoS Protection	-	L3/L4/L7 DDoS Protection
Intelligent WAF	-	Full featured WAF
Scale and HA	Active-Standby	Active-Active
Application Analytics	-	Advanced Analysis and Log Insight

PaloAlto Next Generation Firewall (NGFW)

Consolidated Security for Virtualized Environments

	Bundle 1	Bundle 2
VM Series Firewall		
Application identification		
User identification		
Network, Routing features		
IPSec VPN		
Remote VPN		
Filter Files and Data		
Antivirus		
IPS		
Anti-Spyware		
URL filtering	-	
DNS Security	-	
Detect unknown malware using sandbox	-	



Safous Zero Trust Access

Software-defined Perimeter with Zero Trust concept



Unified Virtual Appliance

Virtual Appliance integrated to HI GIO Gen.2 platform for unified use.



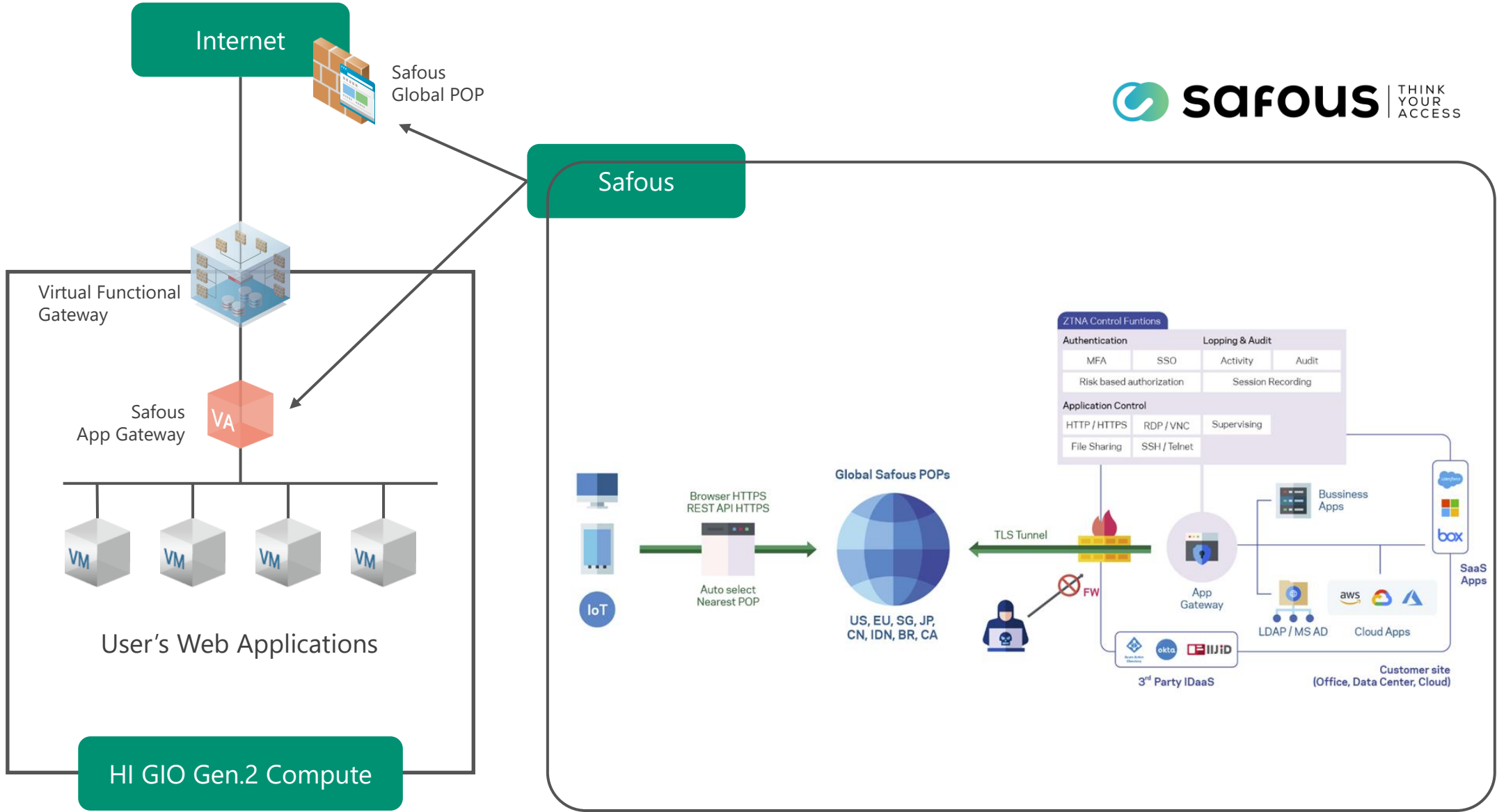
Redefine the remote access

From any device and anywhere at any time, Safous ensure the secure zero trust access.



All data under your control

All data is stored in your cloud compute for compliance and governance.



FEATURES & PRICING

WAF add-on for VPC	Performance and Spec	Initial Charge	Monthly Charge
WAF add-on	Network Throughput : Follow-up VPC spec	Free of Charge	Contact us to get quotation
PaloAlto NGFW	Performance and Spec	Initial Charge	Monthly Charge
2 vCPU – Bundle 1	FW Throughput: Up to 1.5Gbps	Free of Charge	Contact us to get quotation
2 vCPU – Bundle 2	FW Throughput: Up to 1.5Gbps +Web & DNS Security	Free of Charge	Contact us to get quotation
4 vCPU – Bundle 1	FW Throughput: Up to 3Gbps	Free of Charge	Contact us to get quotation
4 vCPU – Bundle 2	FW Throughput: Up to 3Gbps +Web & DNS Security	Free of Charge	Contact us to get quotation
8 vCPU – Bundle 1	FW Throughput: Up to 7Gbps	Free of Charge	Contact us to get quotation
8 vCPU – Bundle 2	FW Throughput: Up to 7Gbps +Web & DNS Security	Free of Charge	Contact us to get quotation
Safous ZTA	Performance and Spec	Initial Charge	Monthly Charge
App Gateway	Refer to the Safous Catalog	TBQ	TBQ
User License	Refer to the Safous Catalog	TBQ	TBQ

How we do

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HI GIO S3 Storage

An unlimited Backup Storage solution for businesses

HI GIO S3 Storage is a comprehensive solution built on the Object Storage platform flexibly connected via the S3 protocol. Meets security standards with fast data access, cost optimization, and high availability from many environments. This solution suits Data Lake, Cloud-native Application Data, Data Archiving, Backup and Recovery.



200+ Customers

300mil+ Files

50+ Projects

99,99% SLA



Storing Big Data for Data Analysis

The scalability and integrity of this service help businesses effectively manage & access big data.



Storing Data on social networks & online applications

where personal data, user interactions, and all posted contents must be stored.



Storing Cold Data

known as inactive data for extended periods over months, years, or decades.



Backing up Data




from images, videos, sounds, and documents, whether static or dynamic.

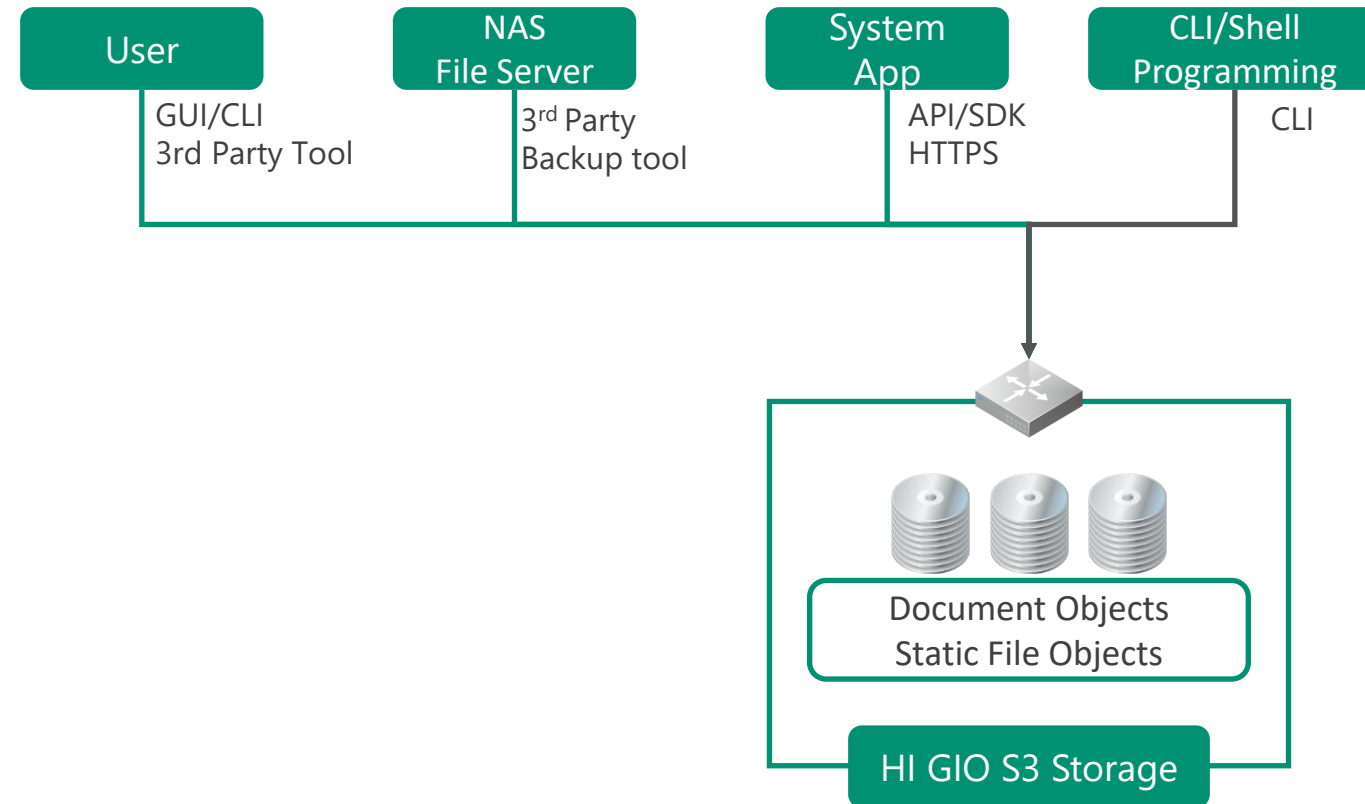


An alternative solution for NAS

to optimize equipment investment and operating costs. It can back up and expand storage space for NAS.


Object Storage


- 
Application-Driven
 File access via HTTPS/APIs from the applications directly.
- 
Scalability
 5TB per one object size, and over 100TB bucket to put everything in.
- 
Data Protection
 Keep your data protected through HI GIO S3 Storage, with objects stored redundantly on multiple devices across multiple facilities.

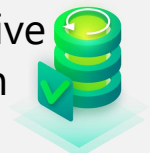


- Storage for Static Object**
 Store any type of static objects including document, image, movie, files from your adaptive NAS/File server as their backup
- Replace from NFS/FTP**
 Replace the old-fashion FTP and NFS files system to flexible object storage to be managed by HTTPS, API, SDK, and CLI

HI GIO S3 Storage provides advanced cloud data storage solutions from local backup data or global Clouds (AWS, Azure, GCP) to the local Cloud.

Backup from other S3 services 

Backup directly from NAS devices, or on-premises devices 

Backup directly from some cloud-native applications on the HI GIO platform 

FEATURES & PRICING



SUPER FAST

- Move large data blocks quickly, high-speed reaching 100MB/s.
- FPT Telecom network connection - transmission bandwidth is always stable, fastest, and most consistent.
- Flexible integration into customers' Backup system via S3 protocol.

COST- SAVING

- Optimize 30 - 50% of operating costs and system investment compared to other CSPs.
- Quickly expand storage space.
- Optimize usage time when flexibly connecting to customer systems via the S3 protocol.

SECURITY - SAFE

- Data on servers at FPT Data Center meeting international standards (Hanoi, Ho Chi Minh).
- The system is built on Cluster Multi-node and HA technology.
- Preserve data using Object Lock and versioning.
- TLS/SSL transmission data encryption + SSE at-rest data encryption.

JAPANESE SERVICE

- 24/7/365 support from a team of leading telecommunications experts, both domestic and international.
- English - Vietnamese – Japanese.

FEATURES & PRICING

Class	Performance and Spec	Initial Charge	Monthly Charge
Basic	<ul style="list-style-type: none"> • Storage: 1TB • Request total: 100 requests/second • Maximum Bucket: 100 • Bandwidth (In/Out): Unlimited • Free Trial: 7 days • Support: 24/7/365 	Free of Charge	1.500.000 VND/ month
Pro	<ul style="list-style-type: none"> • Storage: 10TB • Request total: 200 requests/second • Maximum Bucket: 100 • Bandwidth (In/Out): Unlimited • Free Trial: 14 days • Support: 24/7/365 	Free of Charge	9.000.000 VND/ month
Common Spec for all class		Initial Charge	Monthly Charge
Data Transfer Charge	Upload and Download	Free of Charge	Free of Charge
Data Transaction Charge	GET and POST	Free of Charge	Free of Charge
Maximum Number of Bucket	100	Free of Charge	Free of Charge
Maximum Object Size	5 TB	Free of Charge	Free of Charge
Data Transfer Security	HTTPS	Free of Charge	Free of Charge
Object Storage Encryption	SSE-C with AES-256	Free of Charge	Free of Charge
Other features	Versioning, Object Lock (Compliance or Governance), Audit Log for bucket, IAM	Free of Charge	Free of Charge

How we do

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HI GIO
Kubernetes

Container management and orchestration service

A managed Kubernetes service based on the open-source system is run on the HI GIO Cloud infrastructure (VMware-based technology). By automatically managing software deployment and simplifying the management of containerized applications, software developers can focus on application development & operation in the Cloud.

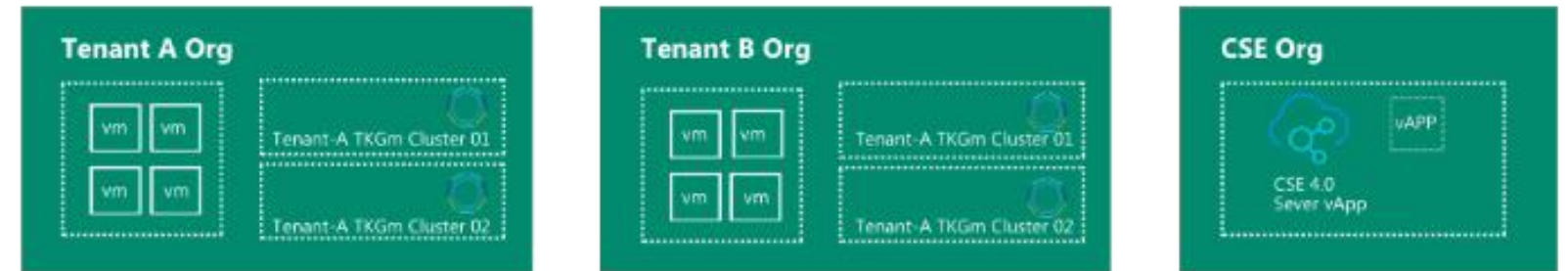
Seamless Scaling. Simplified Management



Peace of Mind. Ensures your applications run smoothly and consistently, 99,99% SLA.



Enhanced Networking and Storage. Clusters on HI GIO Kubernetes can leverage existing customer networks and storage configurations, simplifying the integration and management of Kubernetes environments.



HI GIO Portal



HI GIO
Load Balancing



NSX-T
Networking



vSphere



Simplified Management. The integration provides a unified management interface within HI GIO Portal, allowing administrators to manage Kubernetes clusters alongside traditional virtual machine workload.



Robust Security and Compliance. HI GIO Kubernetes' clusters build on trusted upstream and community projects, delivering a secure and compliant Kubernetes platform with VMware's support. In addition, it allows the creation of nodes with Private IP and controls access to the cluster through the IP whitelist feature.

FEATURES & PRICING



Integrating UI plug-in with HI GIO Portal

Users can manage their Kubernetes environments alongside other cloud resources within the same portal.



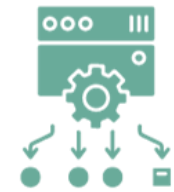
Managing Multi-cluster

View and manage multiple Kubernetes clusters. Users can perform actions such as scaling, updating, and deleting clusters directly from the HI GIO Portal.



Auto-scaling cluster

Automatically scale Kubernetes clusters based on predefined metrics and policies.



Using HI GIO Load Balancing

Implement load balancing to ensure optimal distribution of traffic across pods and services, enhancing the availability and performance of applications.



Monitoring and Management

The integration provides enhanced monitoring capabilities, allowing users to track the performance and health of their Kubernetes clusters in real-time.



Supporting Tanzu Repository Packages

The integration supports Tanzu repository packages, allowing users to easily manage and deploy applications and services from VMware's Tanzu catalog.



Integrating CNI & CSI

Support Container Network Interface (CNI) Integration to enable seamless communication and connectivity between containers and external networks and Container Storage Interface (CSI) Integration to expose more storage options & make the system more secure & reliable.

Category	Item	Initial Charge	Monthly Charge
Master Node *	Medium (< 10 worker nodes):	Free of Charge	1.720.000 VND/ month
	Medium-HA:	Free of Charge	5.160.000 VND/ month
	Large (>= 10 worker nodes):	Free of Charge	3.440.000 VND/ month
	Large-HA:	Free of Charge	10.320.000 VND/ month
Worker Node **	<i>Please refer to the cost of HI GIO Public Cloud and Block Storage</i>		-
Persistent volume	<i>Please refer to the cost of Block Storage</i>		-
Load balancer/ Ingress	<i>Please refer to the cost of the NW add-on's Load Balancer</i>		-

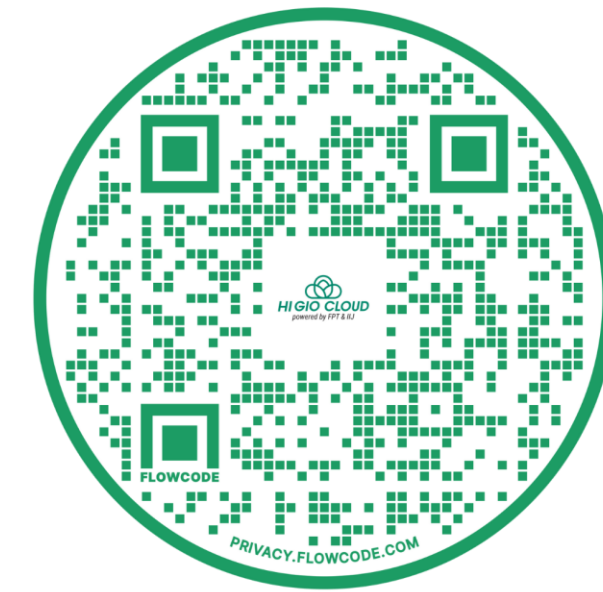
* If the number of Worker nodes is over 10 nodes, please choose Large

** Minimum spec of worker node is: 2vCPU / 4GB Mem / 20GB disk for OS

Hotline: **1900 6973**

Website: higiocloud.vn

User Manual: docs.higiocloud.vn



Thank You!

**TAKE YOUR
IT INFRASTRUCTURE
TO THE NEXT LEVEL**