



# The Importance of Contents in NTT Network

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We're part of a global

# NTT family

**USD 109 bn**  
in total revenue

**150+**  
years of heritage

**310,000**  
people around  
the world

**Top 100**  
global innovator\*



\*Clarivate Analytics

**USD 3.6 billion**  
average annual investment in  
R&D over the next 5 years

# NTT Ltd.

**Bringing together over 30 companies and organizations including the Global IP Network, NTT Communications, Dimension Data and NTT Security**

**Over 40,000  
employees  
in 57  
countries  
and regions**

A small, fluffy dog with brown and white fur is standing on a vibrant rainbow that stretches across the frame. The dog is facing away from the camera, looking towards the end of the rainbow.

**Delivering  
services in  
over 200  
countries  
and regions**

**Customers  
include 80%  
of the  
Fortune  
Global 100**



# Agenda



- 
1. **AS2914 (Global IP Network)**
  2. **NTT Content Acquisition Strategy**
  3. **Global Data Center Interconnect (GDCI)**



# AS2914 (Global IP Network)

Our core network service



# Global leader in IP Transit

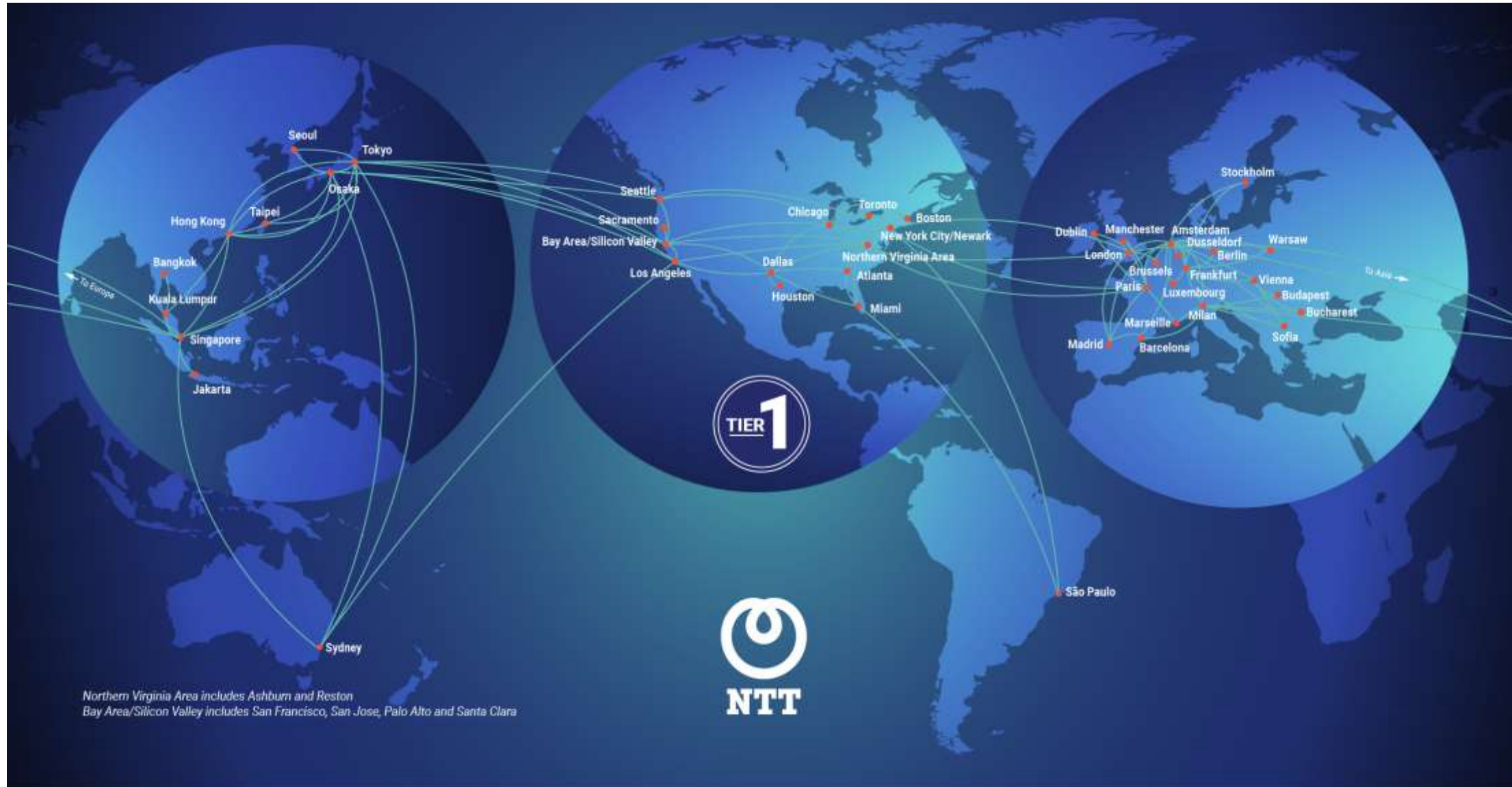
One of the  
**Top Global**  
Wholesale IP Providers

## Top Rankings in Strategic Regions

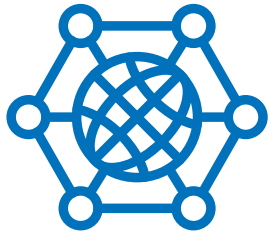
- North America
- Asia
- Europe



# Our Global IP Network

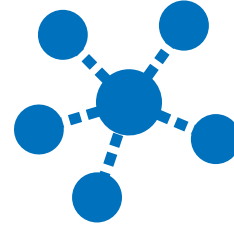


# Award-winning products and services\*



## IP Transit

- Tier-1 Global IP Transit
- IPv4 and IPv6



## Ethernet Services

- Global Virtual Link and VLink
- Long-Haul Ethernet
- Country, Regional and Global



## Network Security

- Full Suite of DDoS Protection Services (DPS)
- Blackholing – Full and Selective



## Content Delivery

- Smart Content Delivery CDN Solution

\*Please check with your NTT representative for availability in your region.



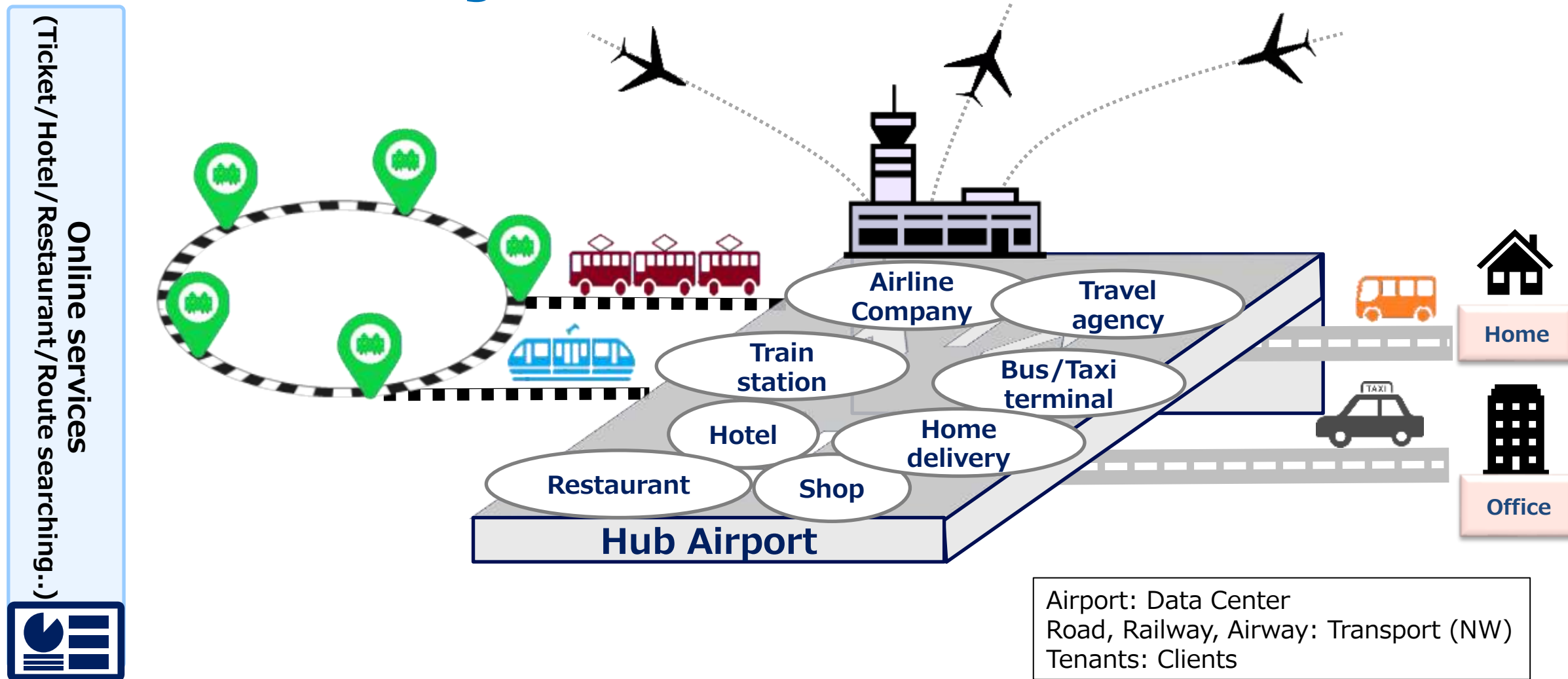
A high-angle, full-body photograph of a female athlete running on a grey asphalt track with pink lane markings. She is wearing a dark blue jacket and black leggings, and her hair is flowing behind her. The image serves as the background for the slide.

# NTT Content Acquisition Strategy

Keeping the network content rich for all customers

# We are “Airport Terminal”

## & Global Managed IT Service Enabler

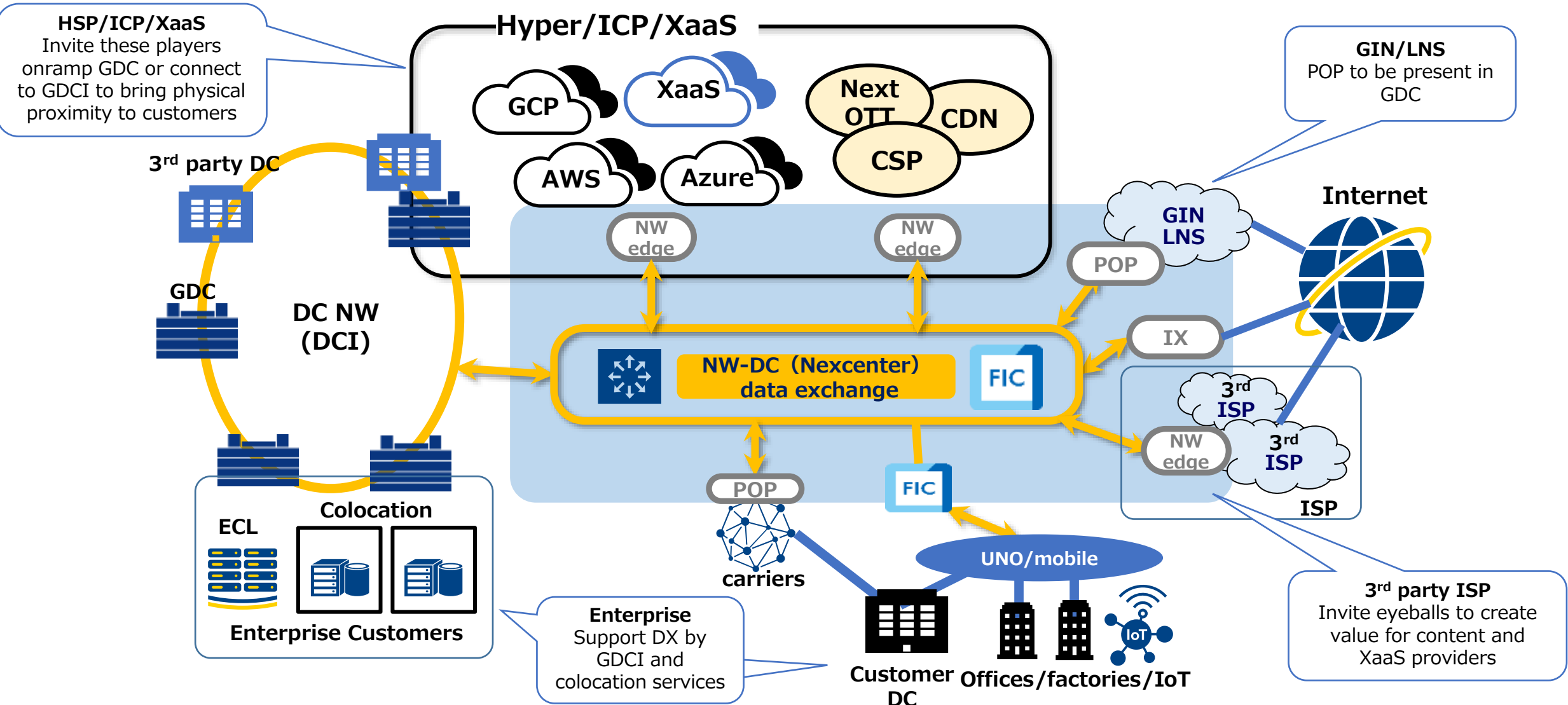




# NW Data Center (Ecosystem)



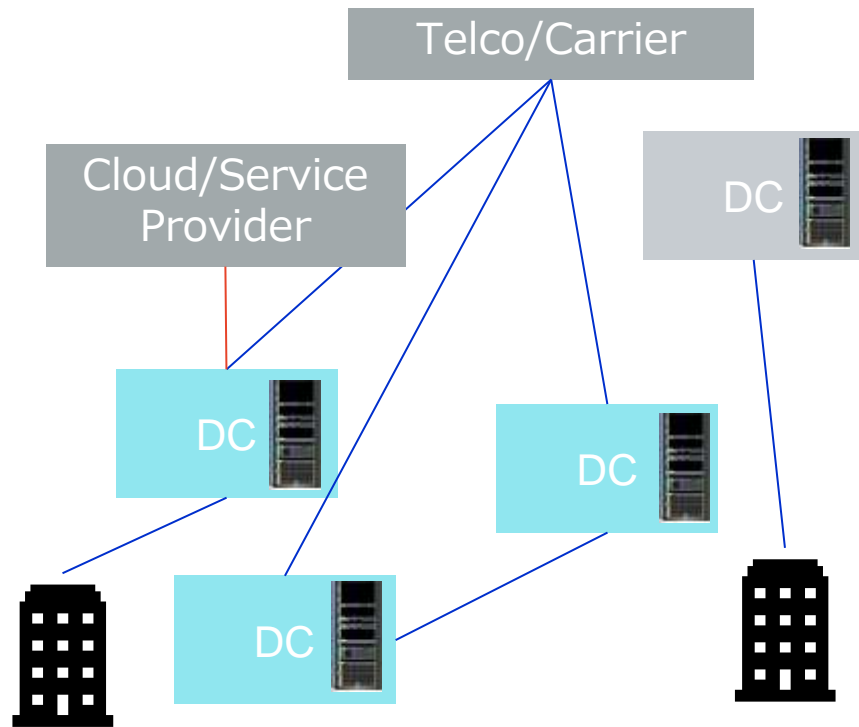
- Create ecosystem by inviting major service providers to data center designed for network hub to promote customer digital transformation
- Create interconnection point (GDCI) inside NW data center to actively exchange traffic



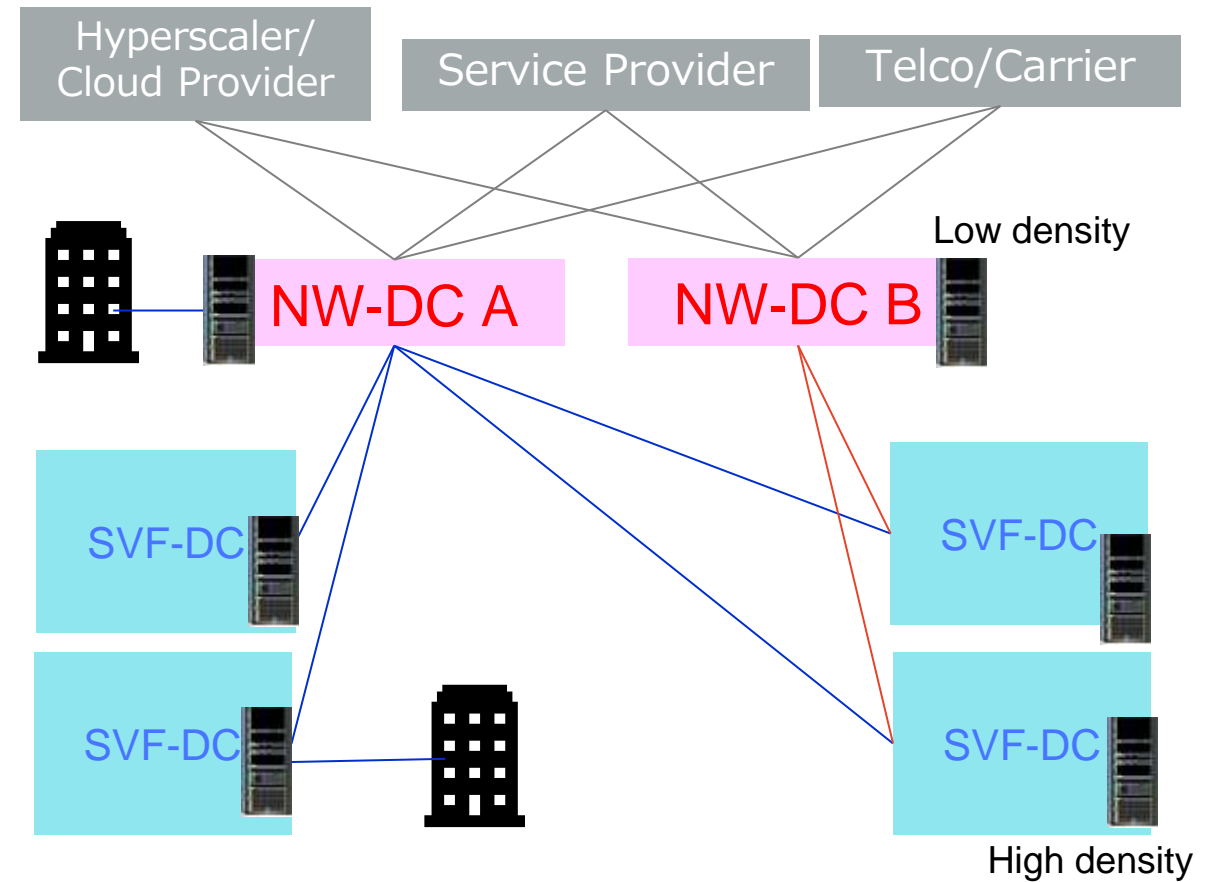
# Transition of Data Center Business Model



## Traditional Model



## Hybrid Model





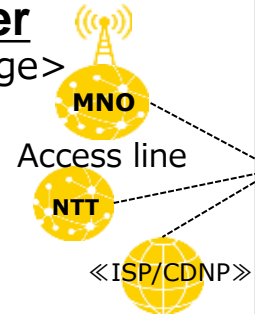
# Submarine cable positioning in the service portfolio

Provide OTT customers an ecosystem of which Submarine cables / Network edges / server farms / Network access bases are integral part

One stop provide to OTTs by NTT Ltd group

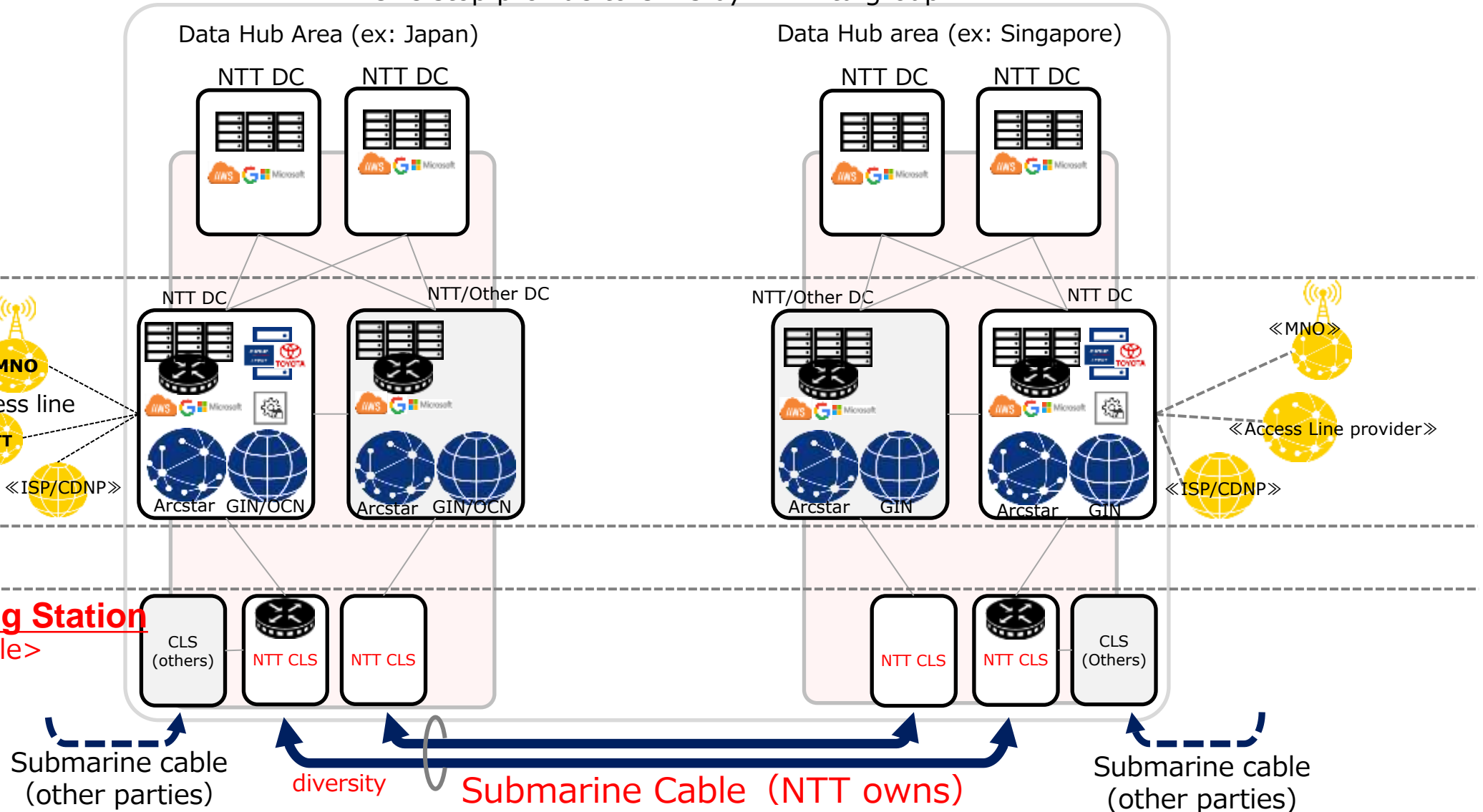
**DataCenter**  
<Server farm>

**DataCenter**  
<Network Edge>



**Backhaul**

**Cable Landing Station**  
<Submarine cable>

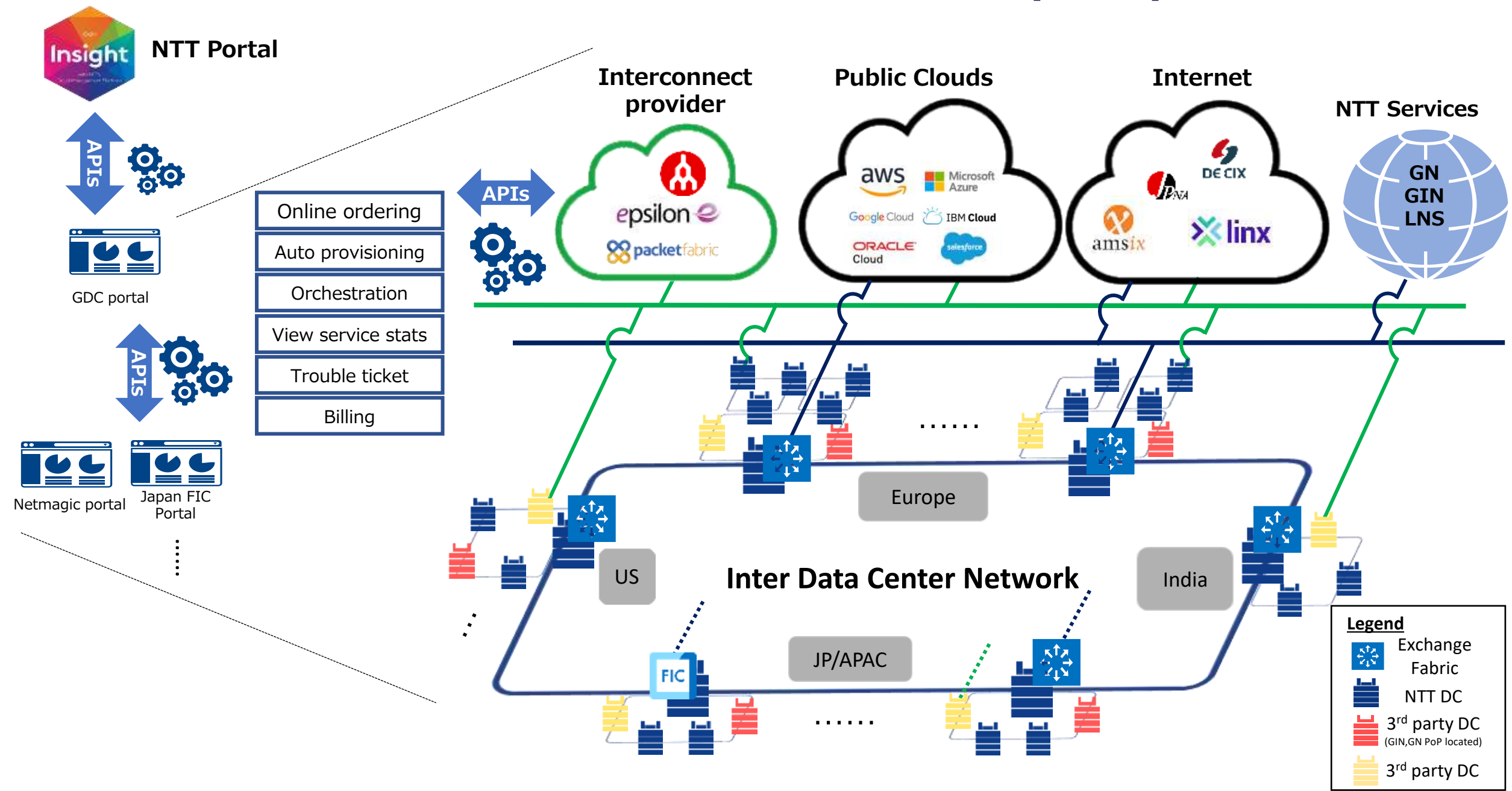


# Global Data Center Interconnect

Interconnection Fabric

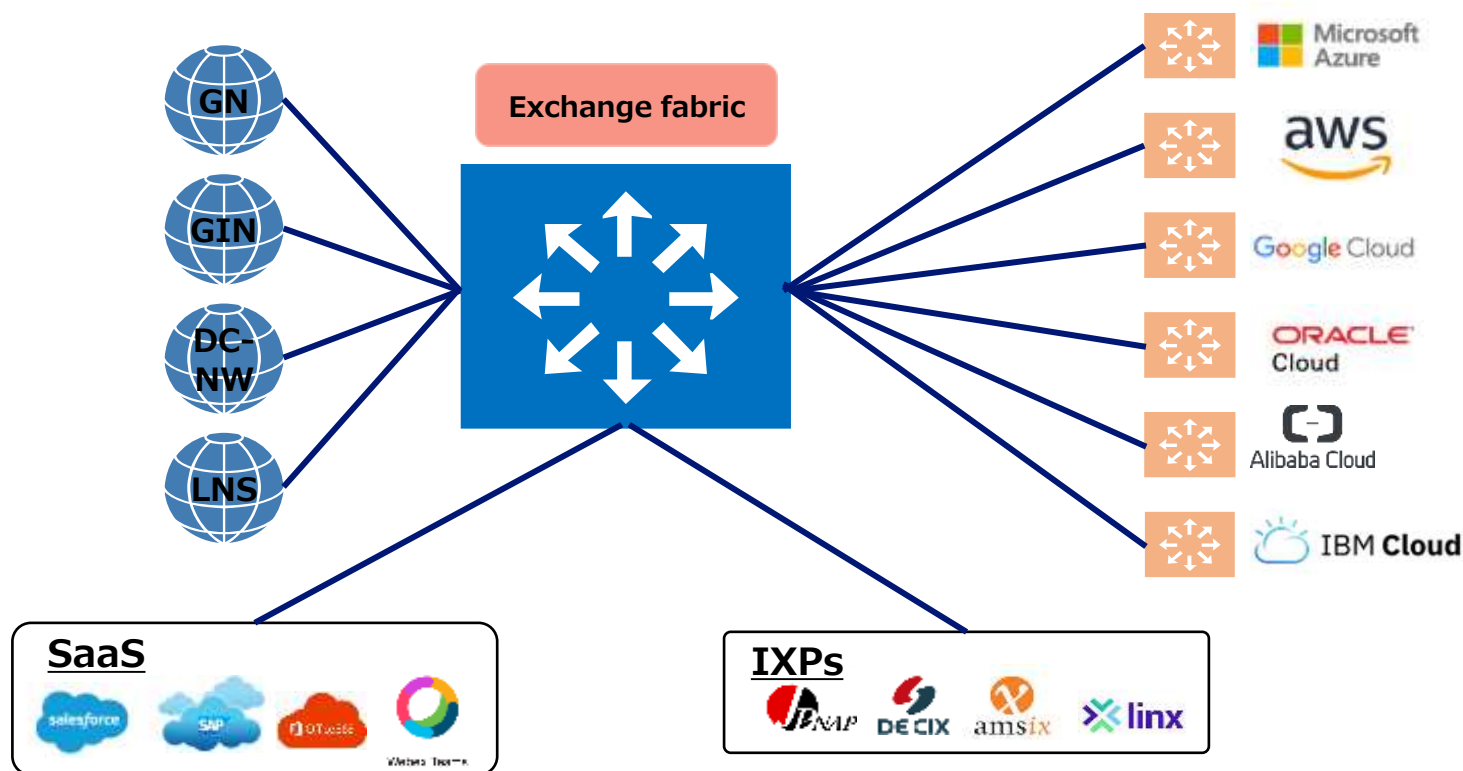


# Global Data Center Interconnect (GDCI)



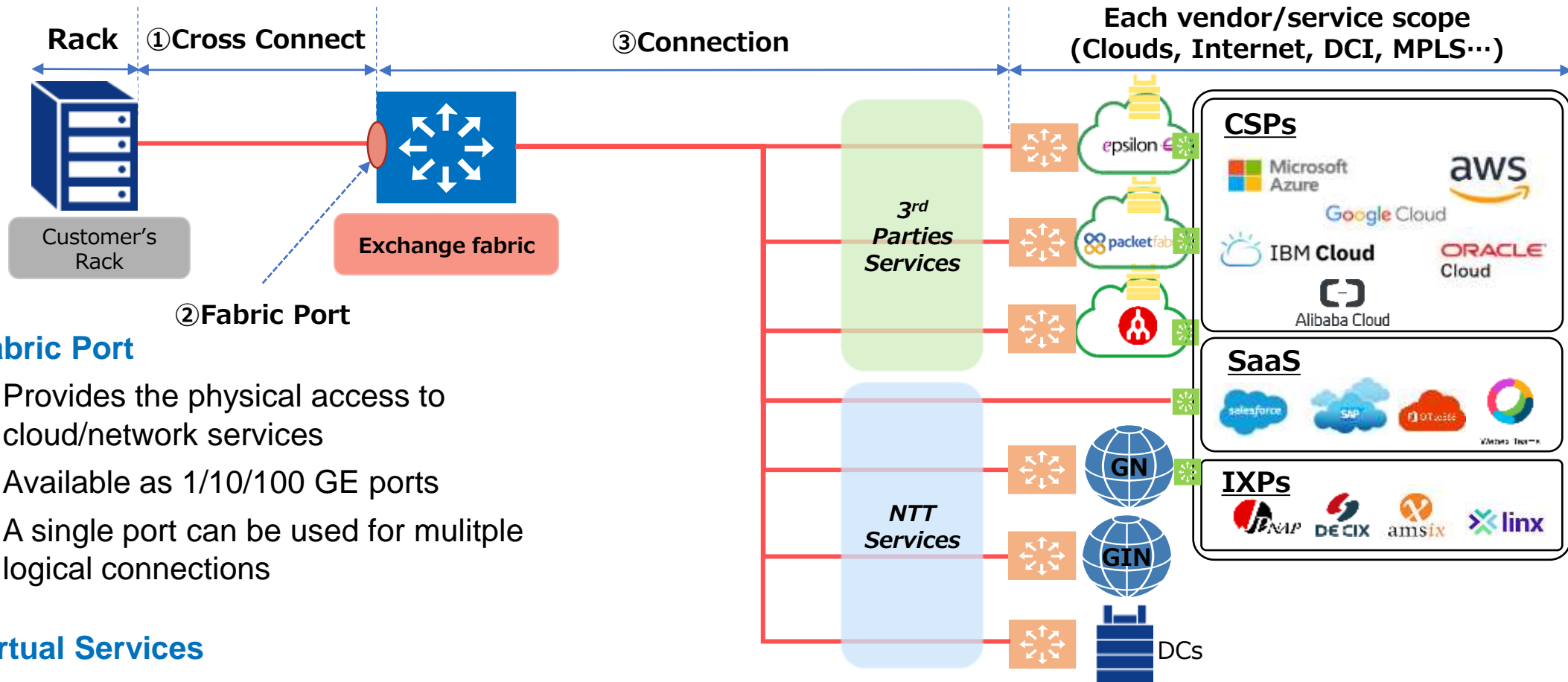
# Exchange Fabric Concept

- ✓ Direct connection to
  - ✓ all major clouds and SaaS providers
  - ✓ all NTT network services
  - ✓ all partners services (network, IX, local access, etc)





# Service Offering



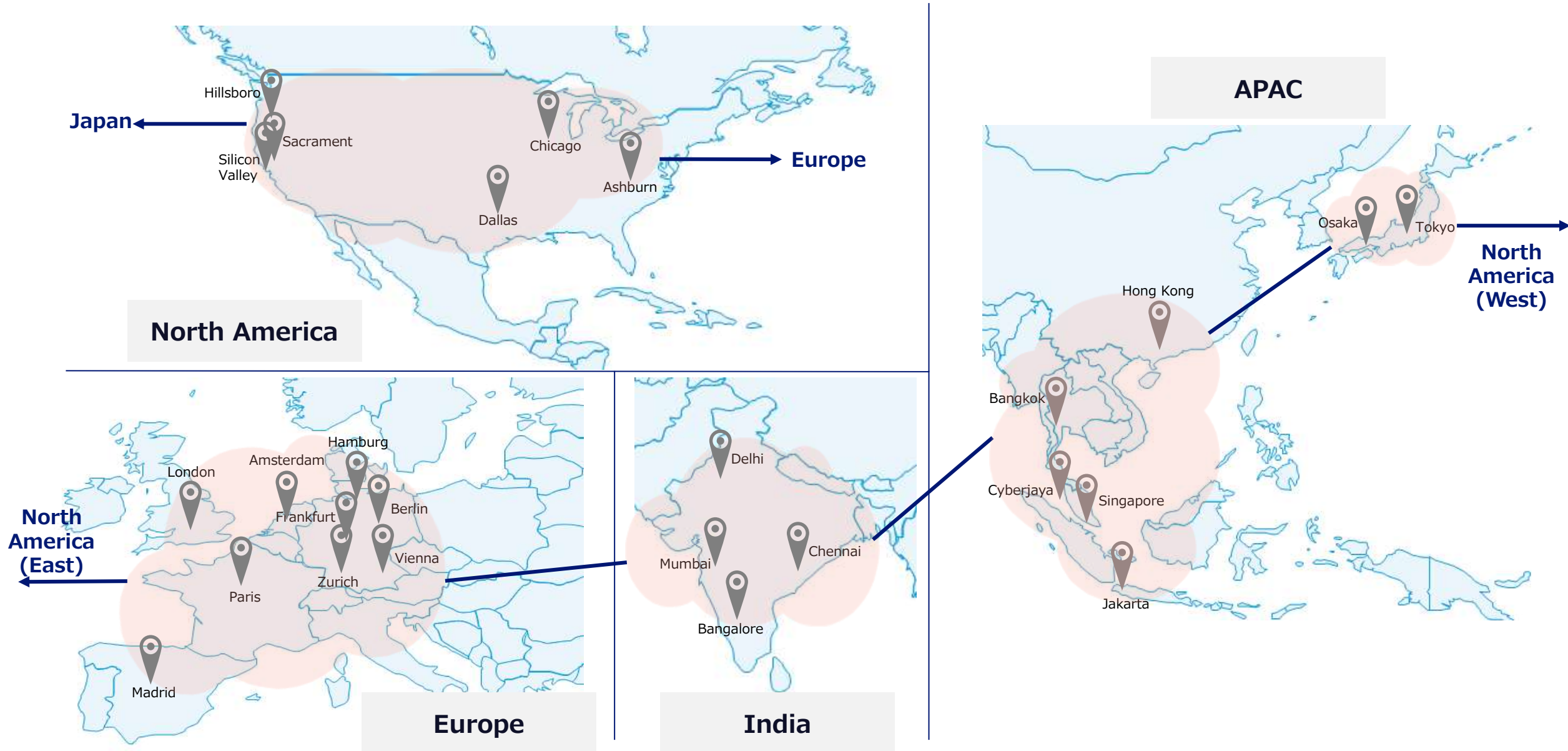
## Fabric Port

- Provides the physical access to cloud/network services
- Available as 1/10/100 GE ports
- A single port can be used for multiple logical connections

## Virtual Services

- Cloud Connect (L2, L3)
- DC Interconnect (L2)
- Internet Connect (L3)

# Inter-DC Network





# GDC Use cases

1

## **Cloud connectivity**

User can connect to a major cloud service provider (AWS, Microsoft Azure, Google, IBM) for compute, storage, network and other services.

2

## **Cloud redundancy**

User can create cloud redundancy by connecting to two different cloud on-ramps from one location.

3

## **Multicloud connectivity**

User can establish connectivity to more than one cloud provider for different applications (compute and storage) from a single location.

4

## **Connect to your own infrastructure**

User can connect between their distributed infrastructure deployed at NTT Global Data Centers for data backup/replication and disaster recovery.

5

## **B2B Private connectivity**

User can connect to their customer and partners within our GDC ecosystem.





**NTT**

**Together we do great things**

