xxx & VIETTEL MEETING

HCMC, Monday 23rd April 2024

Profile

Viettel Group

Viettel Solutions

Address: No. 1, Tran huu Duc, My Dinh 2, Nam Tu Liem, Ha Noi

Presentation Agenda

01 Overview of Viettel

02 Our Network

03 Our Services

04 Our Customers and Partners

OVERVIEW

Caring - Innovator

Established:

01 June 1989

State-owned company, under the Ministry of Defense (MOD)

Headquarters:

Lo. D26, Cau Giay New Urban Centre, Yen Hoa Ward, Cau Giay District, Ha Noi, Viet Nam.

Telecom & IT Markets: 11 countries

Vietnam, Laos, Cambodia, Haiti, Mozambique, Peru, Timor Leste, Tanzania, Cameroon, Burundi, Myanmar

Most valuable enterprise with highest brand value of 8.9 billion USD.

Most powerful brand in Vietnam's ICT industry as voted by consumers.

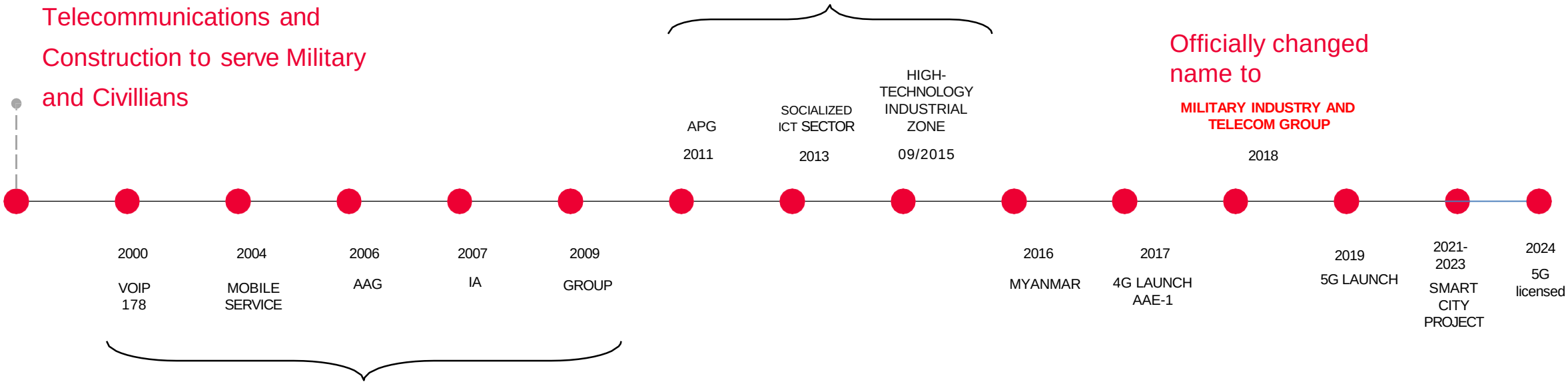
No1 in mobile services in Viet Nam with 76 million customers, more than 270 million over the world.

Our Milestone

01/06/1989
ESTABLISHMENT
Telecommunications and Construction to serve Military and Civillians

Invest in 10 countries High-Technology Research&Development; Build High-Technology Industrial Zone; Success in Core Equipment Research

Officially changed name to **MILITARY INDUSTRY AND TELECOM GROUP**



Develop multi-services and expand operations toward overseas markets

Our Awards

INFORMATION TECHNOLOGY AND TELECOMMUNICATIONS AWARDS

IT WORLD AWARD 2021

GOLD PRIZE

Teleheath. Category "Best Health Care and Medical Innovation"

AWARDS

Viettel Telehealth PR Campaign. "Communications or PR Campaign of the Year" Category.

ASEAN ICT AWARDS 2021

SILVER PRIZE

Viettel Digital Heath Solution Ecosystem. "IT Products & Services for Healthcare“ Category.

INTERNATIONAL BUSINESS STEVIE AWARDS 2022

SILVER PRIZE

ViettelPost Application. "Business/Government" Category.

BRONZE PRIZE

ViettelPay. “Financial Services” Category.

IT WORLD AWARDS 2022

GOLD PRIZE

Best IT product/ service or the Government: Civil Registration and Vital Statistics System in Laos.

GOLD PRIZE

"Best Deployments and Customer Success of the Year in Asia-Pacific" Category: Government's Office Project.

SILVER PRIZE

"Best IT company of the year" Category: Business Solutions Corporation.

MOB-EX AWARDS 2022

SILVER PRIZE

Vietnamese Healthcare App. "Best Mobile Platforms for Government, Services".

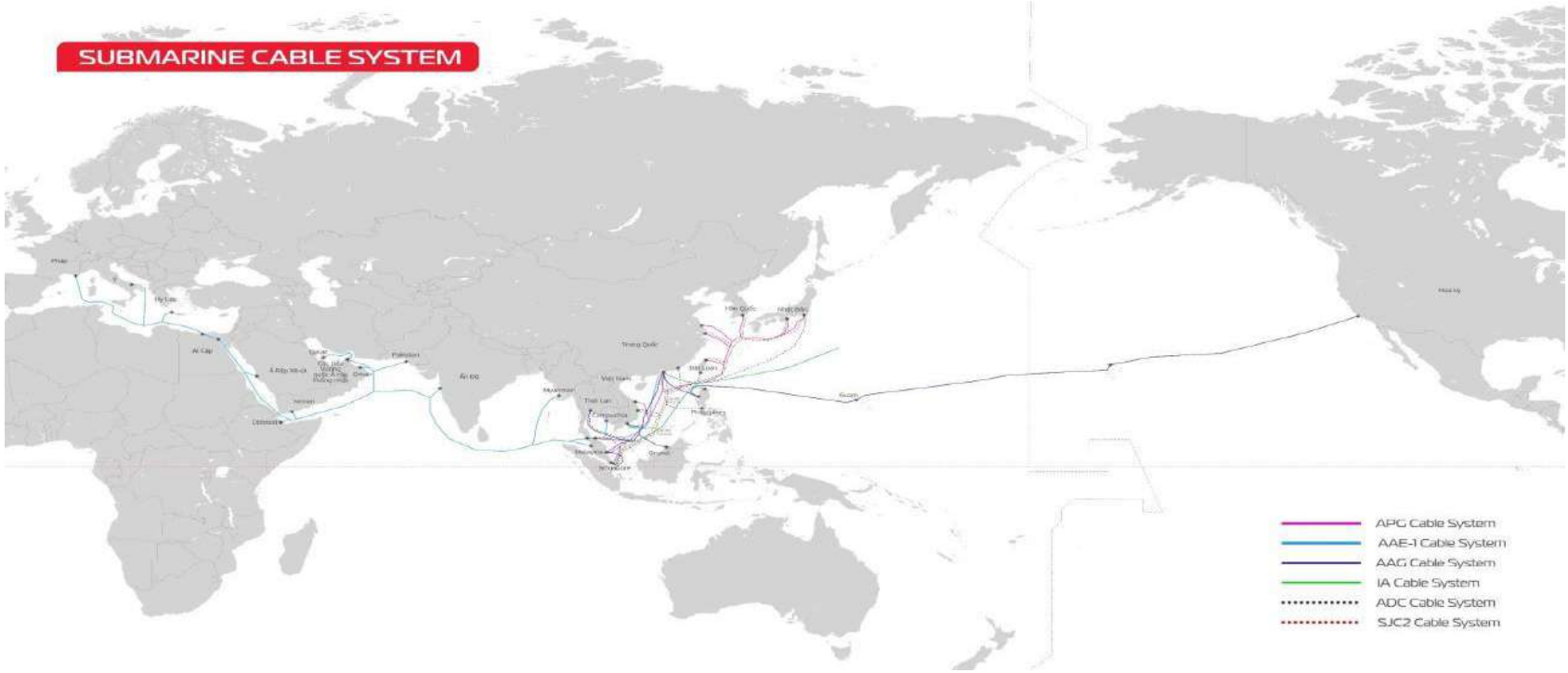
RITA AWARDS 2022

WINNER

Viettel Solutions. "Supplier of the Year" Category.

Viettel Network

As the biggest operator in Vietnam, we have built the largest metro network in Vietnam and the most diversify international connection as well



63

Service available

in 63/63 provinces

06

Submarine cables

04 on-service (IA,AAG,APG,AAE1)

02 under building (ADC,SJC2)

500.000

Amount of km Optical cable

network in Vietnam covering 95% population

06

DCs in Hanoi,

HCMC, Danang

100%

Connecting to

100% tier 1 ISP

04

POPs in Hongkong,

Singapore, France, USA

Submarine Cable System

AAG: ASIA AMERICA GATEWAY

- Viettel Capacity: 889 Gbps
- Direct Connection from VN and HKG to USA
- Connecting Points: San Lius Obispo, Hawaii, Guam (USA); Lantau (HongKong); Vung Tau (Vietnam); Tungku (Brunei); Mersing (Malaysia); La Union (Philippines); Changi (Singapore); and Sri Racha (Thailand).
- Availability: 7.5Gbps

IA: INTRA ASIA

- Viettel Capacity: 5130 Gbps
- Vietnam CLS & Seg 8 (Vietnam Branch): 100% owned by Viettel
- Designed to avoid areas prone to earthquakes and other hazardous areas
- Connecting Points: Changi (Singapore); Vung Tau (Vietnam); Ballesteros (Philippines); Deep Water Bay (HongKong); Piti (Guam) and Toyohashi (Japan).
- Availability: 2310 Gbps

APG: ASIA PACIFIC GATEWAY

- Viettel Capacity: 5791 Gbps
- Connecting Points: Shima, ShinMaruyam (Japan); Busan (Korea); Chongming, Nanhui (China); Toucheng (Taiwan); Tseung Kwan O (Hong Kong); Da Nang (Vietnam); Songkhla (Thailand); Kuantan (Malaysia); and Tanah Merah (Singapore).
- Availability: 1750Gbps

AAE-1: ASIA AFRICA EUROPE I

- Viettel Capacity: 8870 Gbps
- Connecting countries from Asia to Africa and Europe: HongKong, Vietnam, Cambodia, Malaysia,Singapore, Thailand, India, Pakistan, Oman, UAE, Qatar, Yemen, Djibouti, Saudi Arabia, Egypt, Greece, Italy and France.
- Availability: 1030 Gbps

ADC: ASIA DIRECT CABLE

(Ready by Q1/2024)

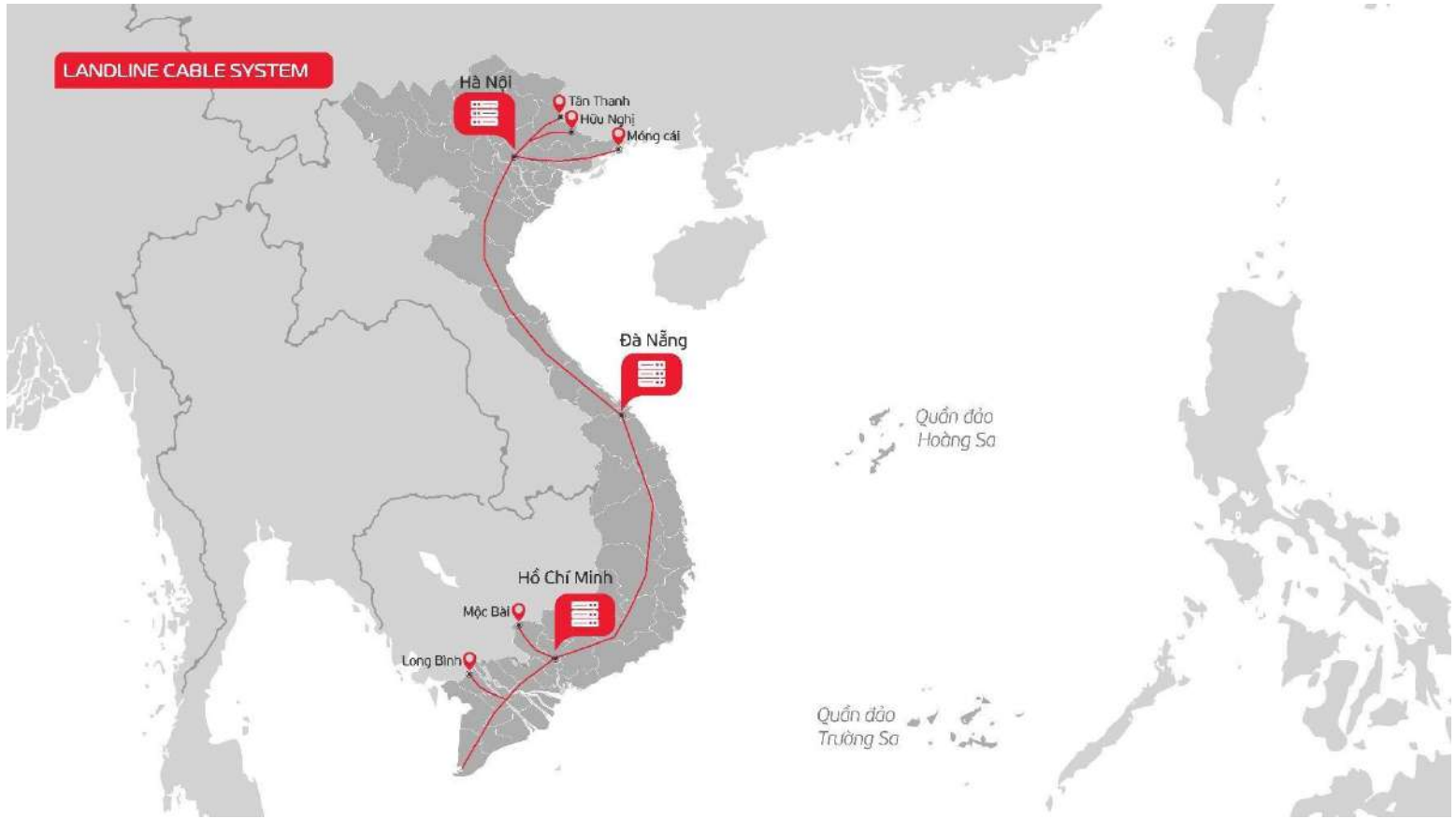
- Viettel Capacity: 18,000 Gbps
- Connecting Points: Quy Nhon (Vietnam), Chung Hom Hok (Hong Kong SAR) and Santou (Guangdong Province), Maruyama (Japan), Batangas (the Philippines), Tuas (Singapore) and Sri Racha (Thailand)

SJC-2: SOUTH EAST ASIA – JAPAN 2

(estimated to be ready on 2025)

- Viettel Capacity: 3,200 Gbps *(Swapped capacity)*
- Connecting Points: China, Hong Kong, Taiwan, Japan, South Korea, Thailand, Vietnam

Landline cable system



China Direction

- Connecting at Lang Son, Lao Cai
- All the China big players (CMI, CT, CU)

Cambodia Direction

- Connecting at Tay Ninh, An Giang
- The most stable connection to Singapore

Our Global POP

Singapore
- Global Switch
- Equinix SG1

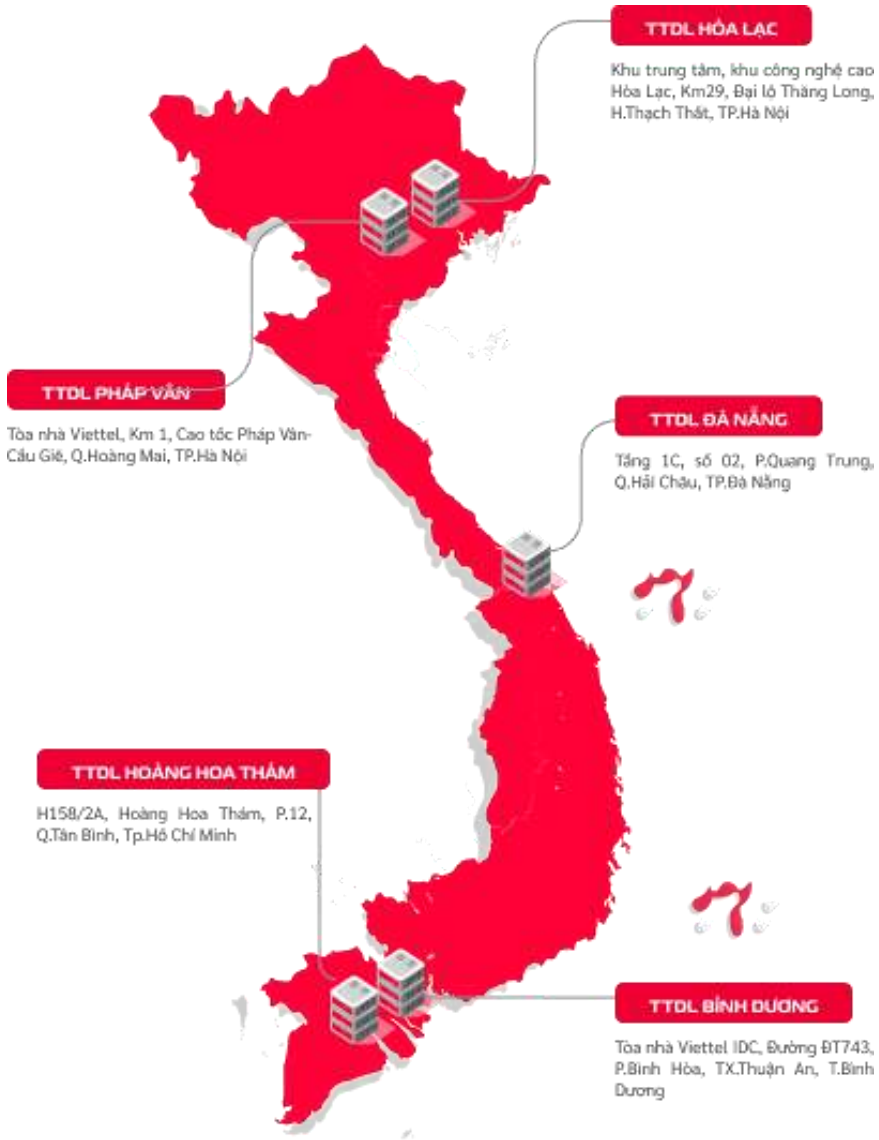
Hong Kong
- 8/Equinix HK1
- Mega-I

France
MRS1

USA
One Wilshire

Trusted DC Partner

viettel
your way



Our Data Centre

Hoa Lac Station-Hanoi

The current space: 6.500 m2

Capacity: 1200 Racks

Availability: 250 Racks

Hoang Hoa Tham Station-HCMC

The current space: 6,500 m2

Capacity: 1,100 Racks

Availability: 100 Racks

Song Than Station-Binh Duong

Space: 10,000 m2

Capacity: 1,600 Racks

Availability: 300 Racks

Phap Van Station-Hanoi

The current space: 6,500 m2

Capacity: 200 Racks

Availability: Fully occupied

Hoa Khanh Station-Danang

The current space: 6,500 m2

Capacity: 200 Racks

Availability: Fully occupied

New DC in HCMC

Location in Cu Chi District

Capacity: 2,500 Racks

Power: 40MW

Launching: Q4/2025

New DC in Hanoi

Building new DC in Viettel's Campus (9.1 ha)

Capacity: 3000 Racks

Power: 50MW

Launching: 4/2024

Service Portfolio

viettel
your way

Connectivity

- IPLC
- IP=VPN (MPLS)
- Cloud Connect

Internet

- IP Transit IP
- Peering
- IP
- Domestic
- DIA

Data Centre

- Colocation
- Managed Service
- Diaster Recovery
- Virtual POP

AI, Big Data

Data Analyzics, Data Engineering, Chatbox…

Security

SOC, Pentest, DDOS…

Softwares

DMS, V-office, E-invoice…

Connectivity Service

Overview

IPLC

Secure and reliable IPLC solution that helps customers operate flexibly with lowest latency from VN to HK and SG

IEPL

International Ethernet Private Line provides flexible connectivity for business needs

IP-VPN(MPLS)

The unified and secured global network covers voice, data and cloud applications

Cloud Connect

Dedicated connectivity to Global Cloud Service Providers for better experience than via Internet

Features

- Flexible Bandwidth Options
- Global Network Access
- Security and Redundency
- Comitted Service Level Agreement
- Realtime network monitoring

Internet Service

Tier 1 Vietnam ISP, direct peering with all the biggest players in the world

24/7 monitoring system with Network Operation Center

High bandwidth for both Domestic traffic and International traffic

Most secure for all the application deloy on Internet environment

Fastest provisioning, troubleshooting and providing RFO

Multi provisioning solutions

IP-Transit

Leveraging high-speed, reliable, redundant networks and collaborating with partners worldwide, IP Transit service can help customers reach the global markets and obtain high-quality Internet transfer service.

IP Peering

Reaching all the Viettel traffic in Vietnam with more than 76 million subcribers.

IP-Domestic

Reaching all the Viettel and other domestic partners's traffic in Vietnam

Dedicated Internet Access

Elite Dedicated Internet Access (DIA) meets the demand for high-speed access to International content, data for enterprise customers and provides high-speed, stable, and premium quality

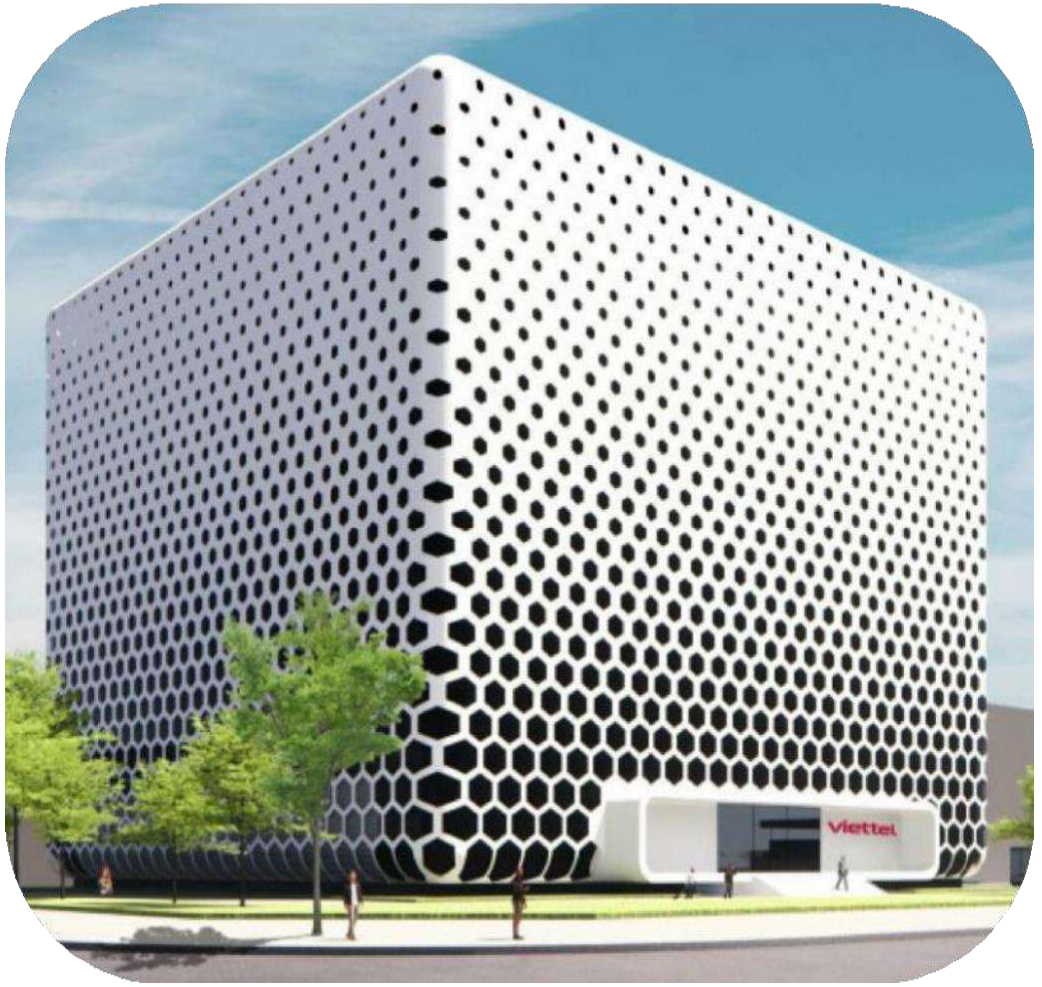
Data Center Service

Diaster Recovery

Provide customers with a disaster recovery centre for contingency and real-time response in various emergencies.

Colocation

Provide professional facilities with integrated IDC service.

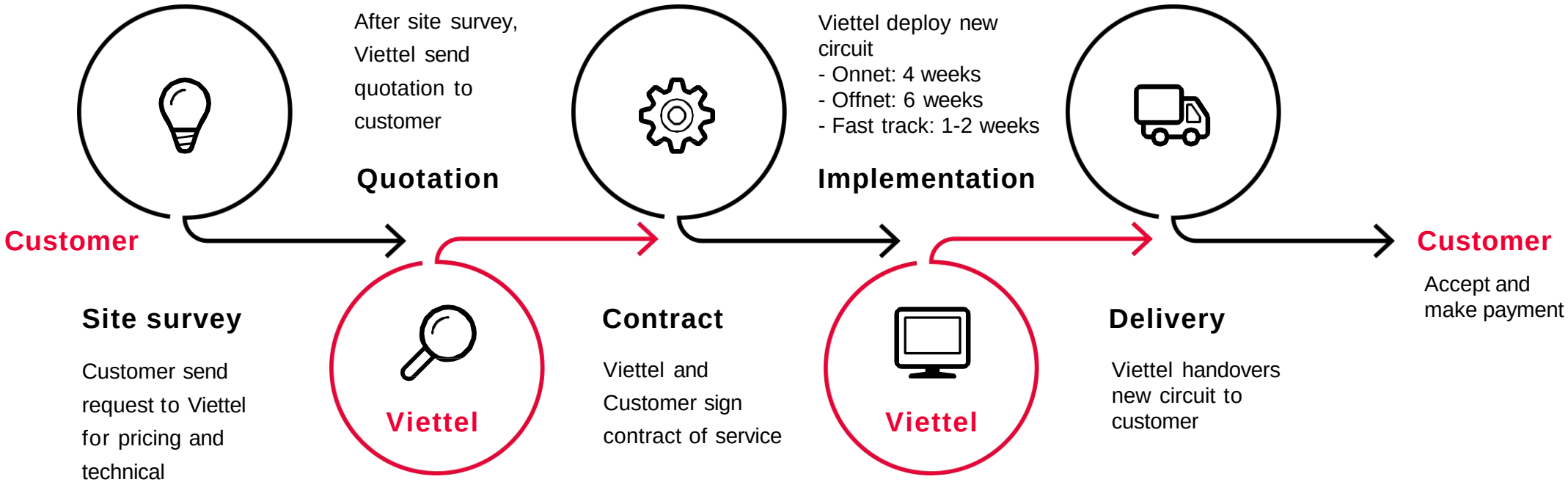


Managed Service

Comprehensive Managed Service is designed to provide customers with professional IT support.

Virtual POP

Our Workflow



• Our Customers

viettel
Theo cách của bạn

Schneider Electric
JABIL
Manulife
SAMSUNG
AXON
adidas
NIKE
Rockwell Automation
ACV AIRPORTS CORPORATION OF VIETNAM
HABECO Est.1890 Sức bật Việt Nam
pwc
SAIGON TEL Service & Distribution
MB NGÂN HÀNG QUÂN ĐỘI
BIDV
SHB Đối tác tin cậy, giải pháp phù hợp
ABBANK NGÂN HÀNG AN BÌNH
EVN
NOVA LAND
FLAMINGO HOLDING
Vietnam Airlines
VNR ĐƯỜNG SẮT VIỆT NAM

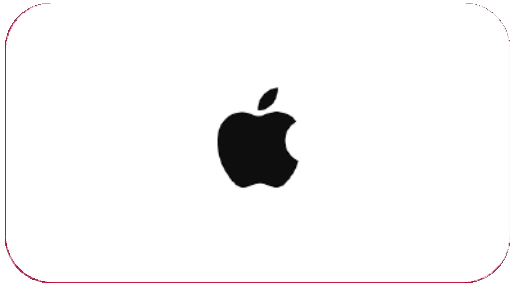
Exit

Our Partners

viettel
your way

Our Partners

viettel
your way



Thank you

Viettel Solutions

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