



如何運用雲端及流動技術持續疫下零售營運

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Sales Director

Computer And Technologies Software (Hong Kong) Limited

Private & Confidential

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Challenges in Retail Sector

1

Frontline staff roster change frequently

Require flexible platform to manage

2

Back-office staff work-from-home

Require remote document access

3

Business continuity during close downs

Require O2O operation platforms

4

Existing IT systems are incapable and insufficient

Require operations via Web & Mobile

Technologies to Support Business Continuity



O2O



5G



Cloud



Web



Apps



Mobile Platforms and 5G Services



Web+ Apps

- Auto synchronization (real-time)
- Dashboard (single source of truth)

Unlimited 5G Broadband

Monthly fee **\$198 with 5G Router**[^]

7 Days free trial

No landlines | Simple installation | Plug & Play

[^]Applicable to selected router model only. The designated monthly fee rebate will be credited to customer's billing account by installments during contract period. Offer valid while stock last. Terms & conditions apply.



Mobility

- 5G mobile broadband
- Support pop-up store and rotation

Common Cloud Technology Enabled/ Supported



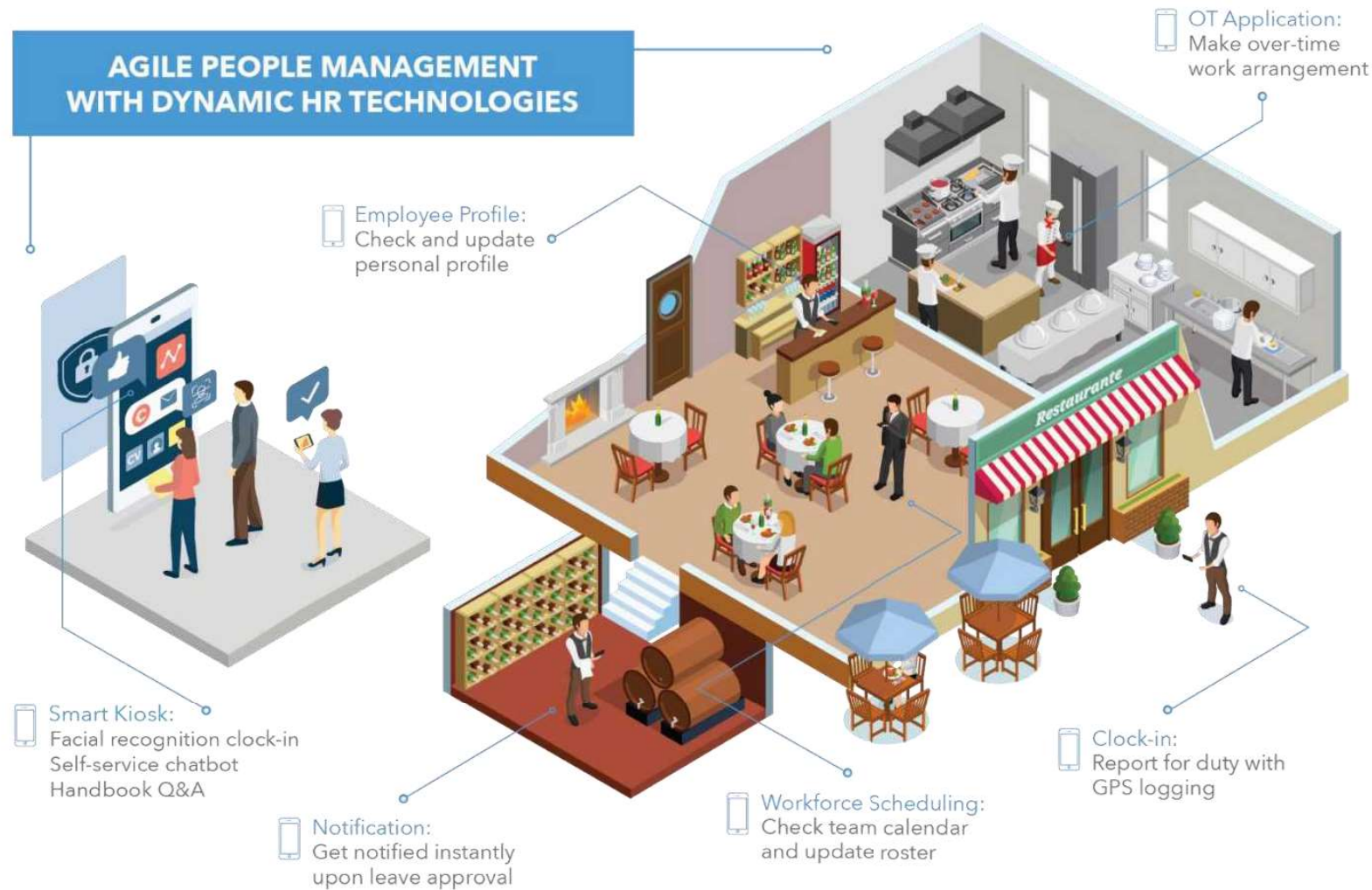
- Reduce hardware investment (Pay-as-you-go)
- Business continuity: 7x24 resilience (always on)
- Expansion: scale up and scale out
- Auto backup and recovery
- Secured information repository (encryption, access right control)

-Examples:

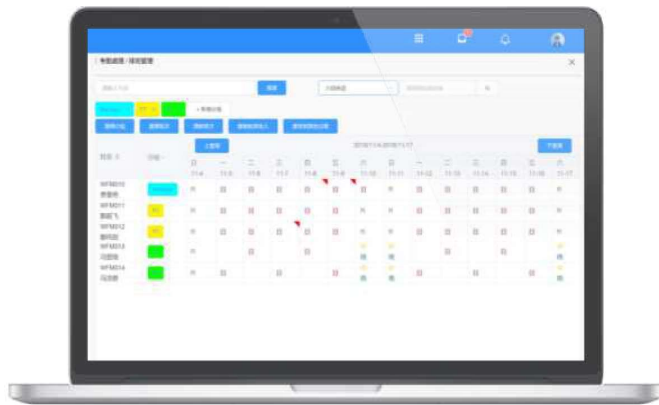
HR Management
Document Management
POS



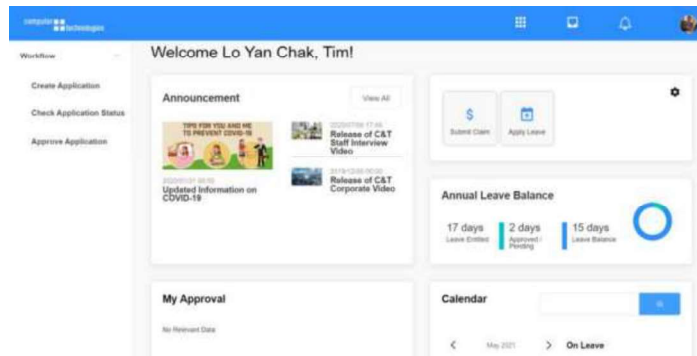
Example 1: HR Management System (Web & Mobile)



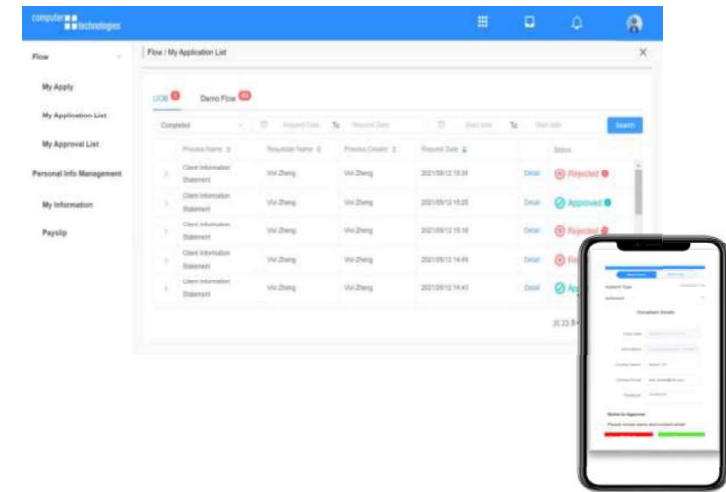
Example 1: HR Management System (Web & Mobile)



Roster Management



Self-serviced Portal



Application & Approval

Example 2: Document Management (Web & Online)

Information Management



Web-based Centralize Document Repository

- Web Access (Eng/Chi)
- Secured Document Viewer
- Access Control File & Folder
- Advance Search Tool
- Drag & Drop File Upload
- User Activity Audit Log

Doc. Approval

Email Alert

Auto Reminder

Doc. Circulation

OCR

Scan and e-file

Workflow Automation



Workflow automating & optimization

- E-form Builder (Web)
- SMS/Email Alert
- User Configured Workflows
- Auto Track and Trace
- Dashboard Summary
- API for Data-exchange

Expenses Claim

Leave Application

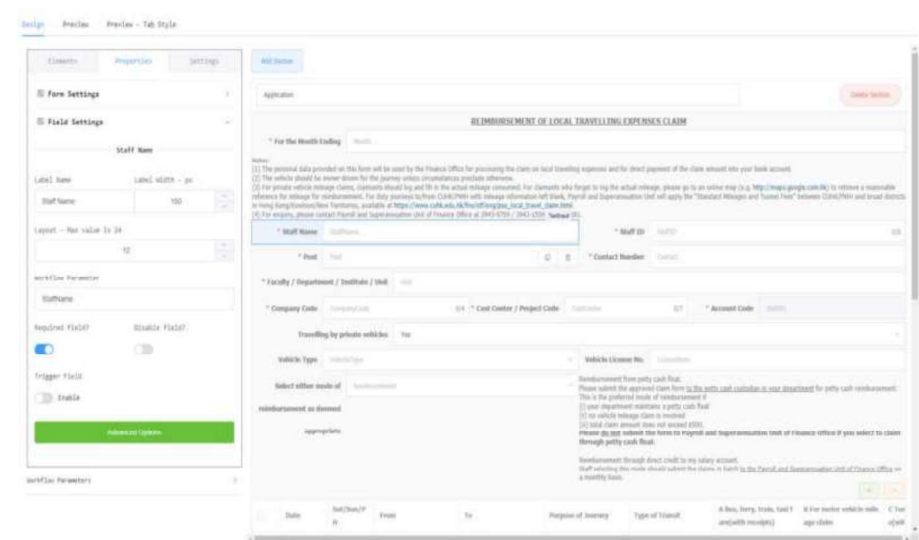
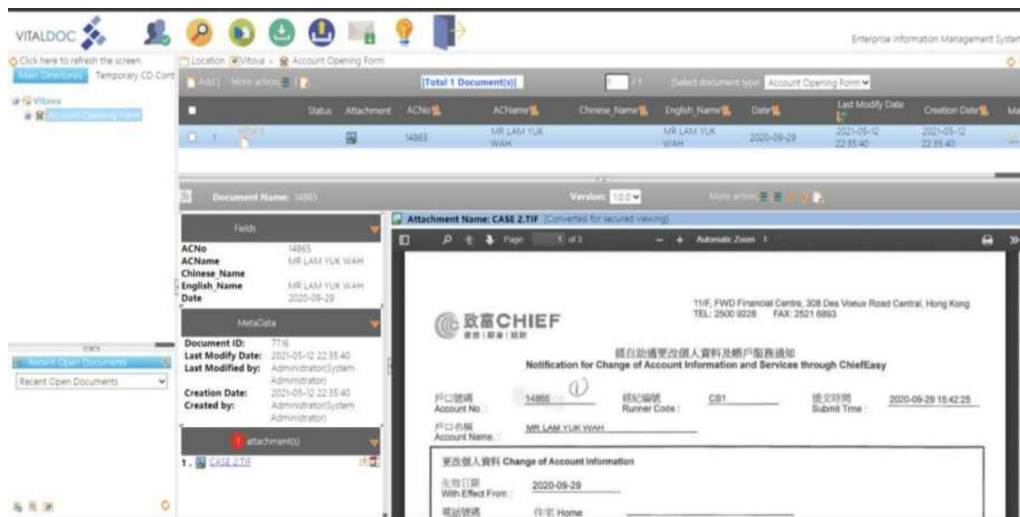
Account Opening

Contract Approval

Procurement

Case Management

Example 2: Document Management



- Auto scan hard-copies
- Optical character recognition
- Auto e-filing

- Online e-form (web + app)
- E-Workflow automation

Example 3: POS System (Web & Mobile)



1.Cloud Ready

Support back-end deployment on common cloud platforms

2.Real-time Mix & Match Engine

User self-configured promotion and discount package

3.Flexibility

Simplify integration with existing and future systems with ERP/ CRM/ cloud & O2O

4.Mobility

Support multiple devices, mobile payment and cloud platforms

Example 3: Multi-device Support (Mobile with 5G)

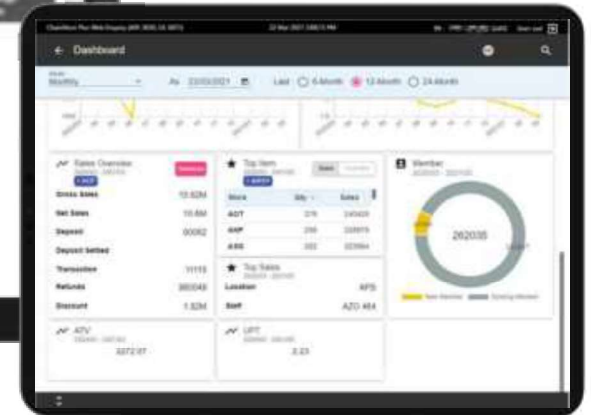


Windows 10



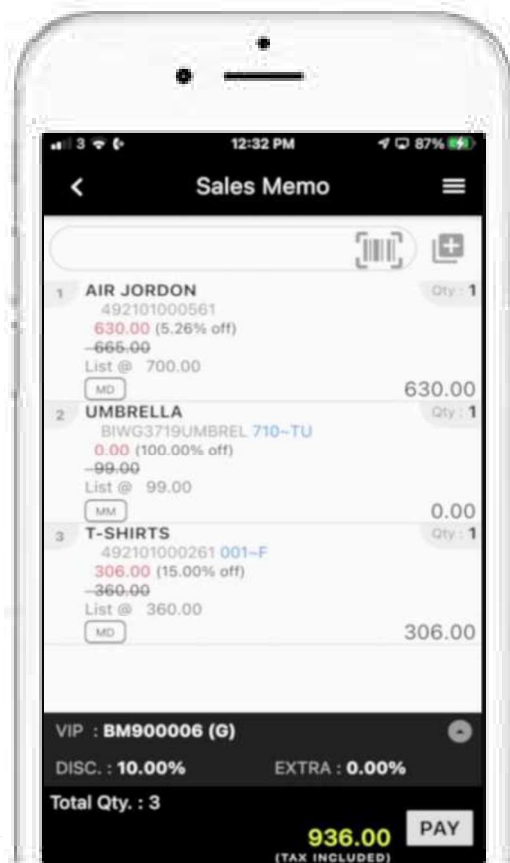
android

Made for
iPhone | iPad | iPod

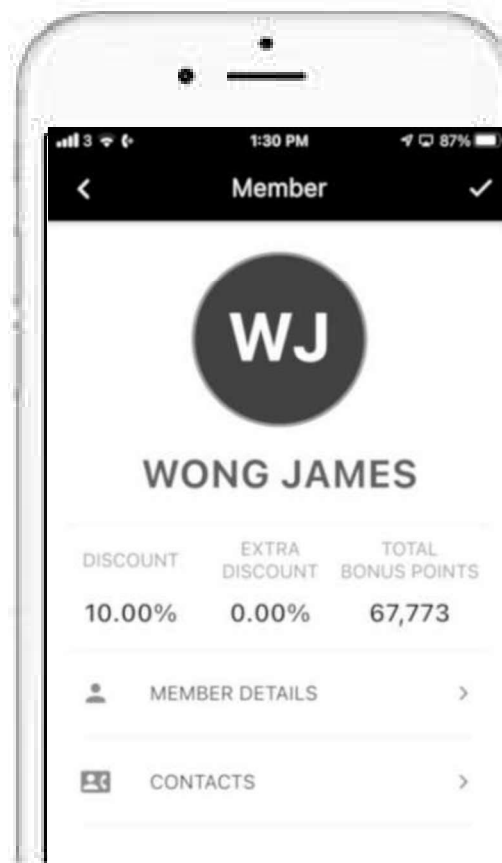


Example 3: Serving VIP and Queue Busting

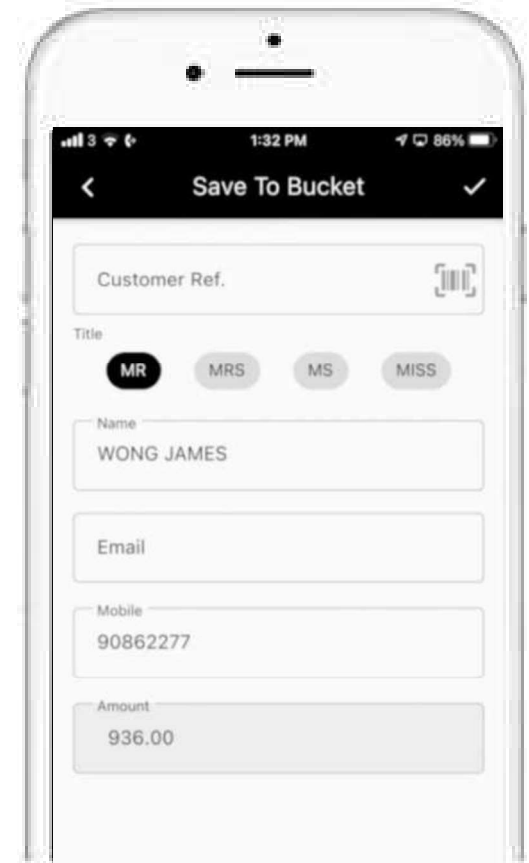
Product Enquiry



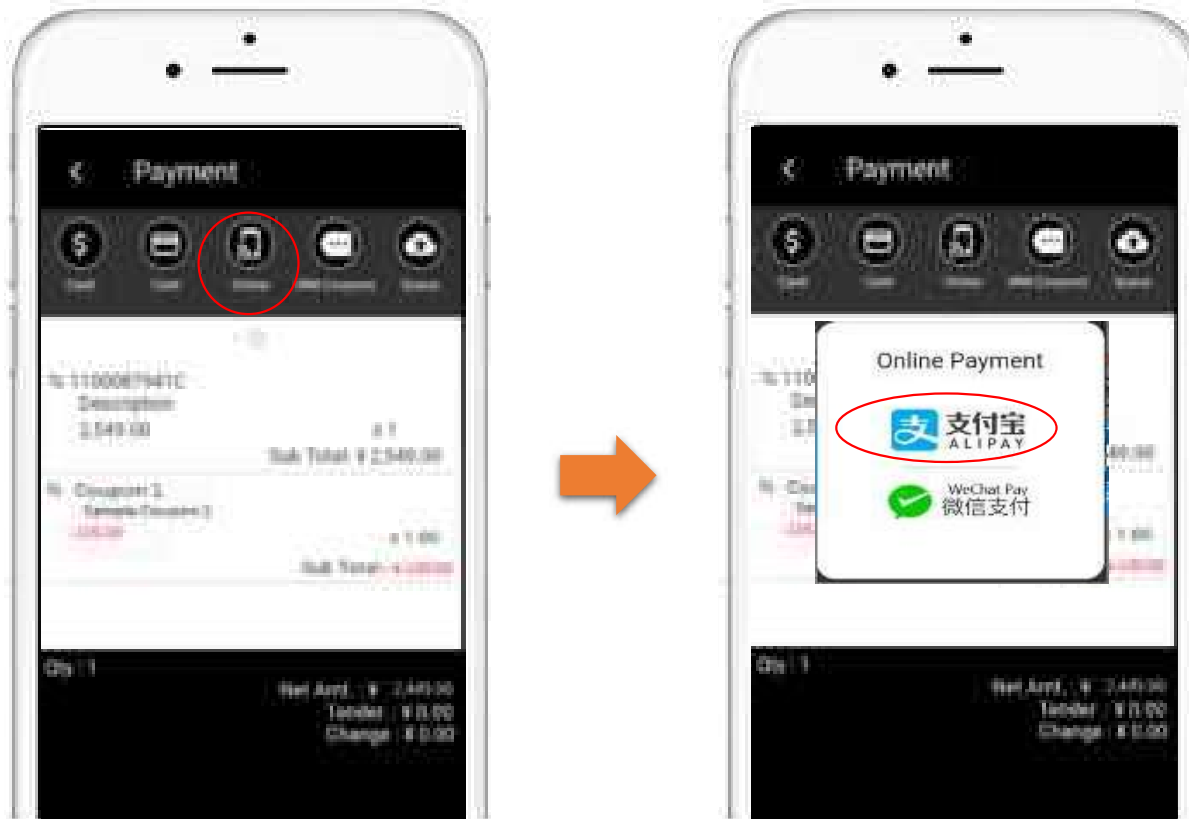
Global ePoints



Queue Busting



Example 3: Mobile Payment

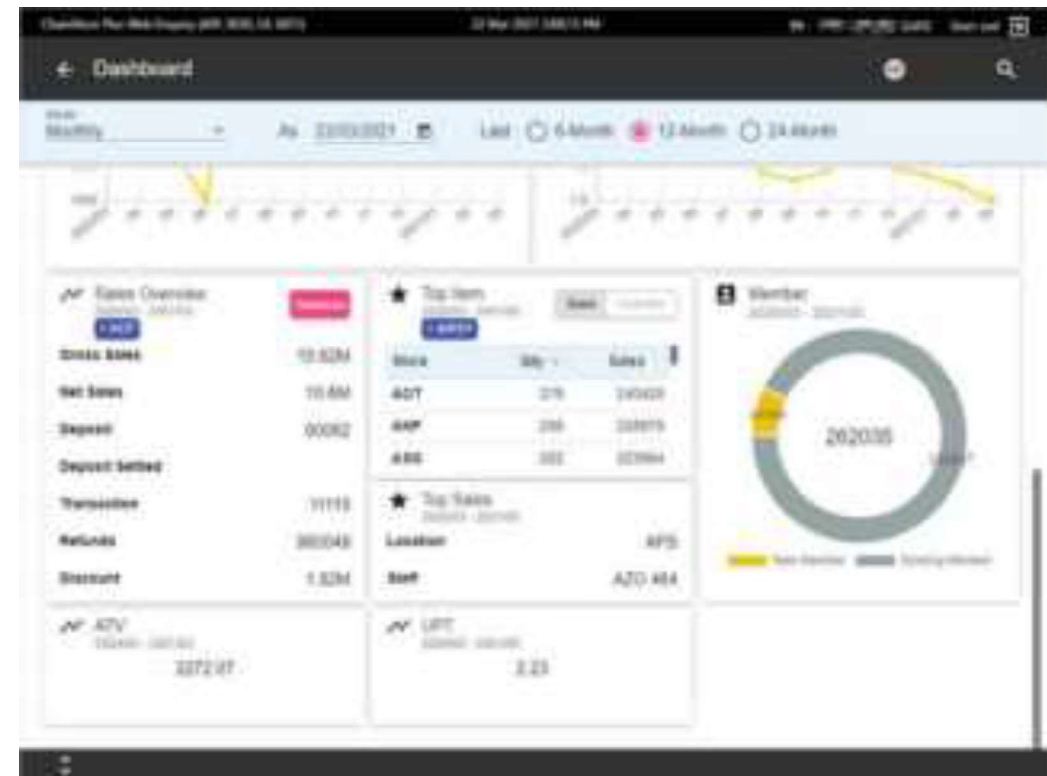
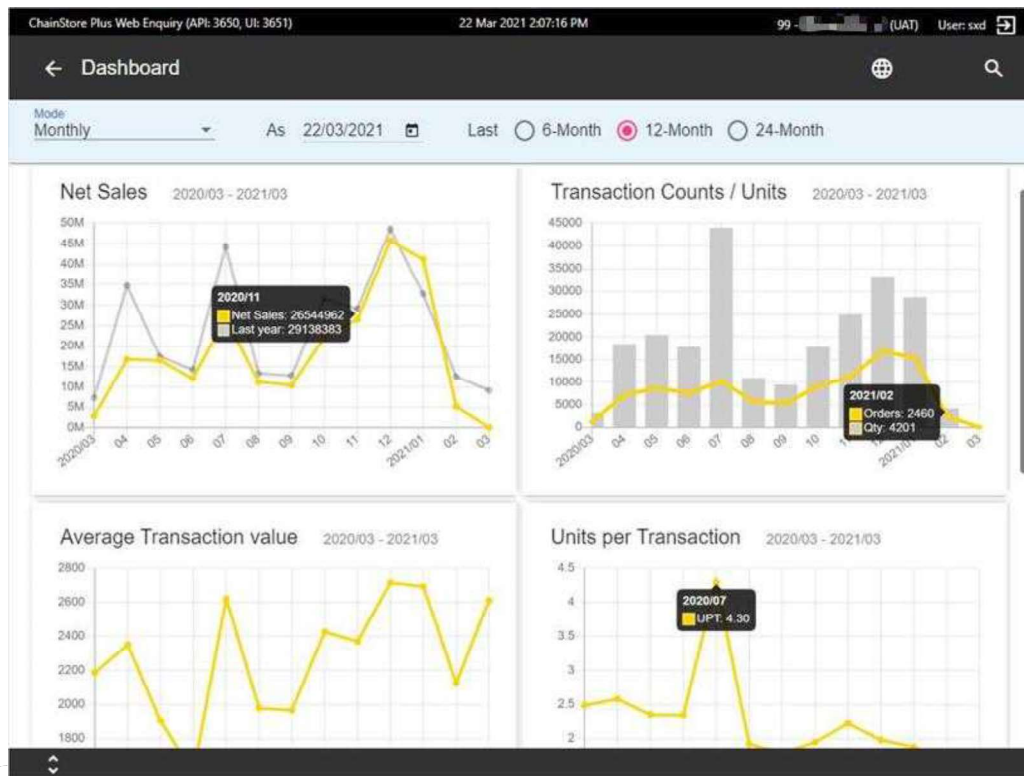


Source: paxtechnology.com

Available on iOS & Android

Example 3: Business Dashboard on Web and Mobile

Management information on the go





ICT technology is key to support Business Continuity

#5G #Web #Apps #Mobile #Cloud



Thank you.



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chainstoreplus.com



雲服務 及 多雲連接 打通線上線下全渠道

Prepared by Joel Choi

A member of NEOLINK - sub brand of VNET Group (Nasdaq: VNET)

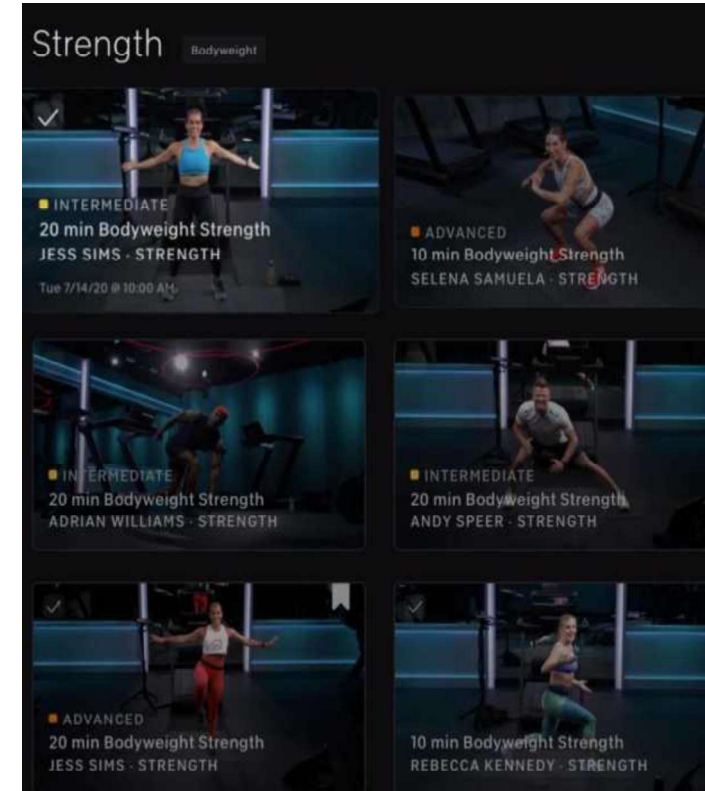
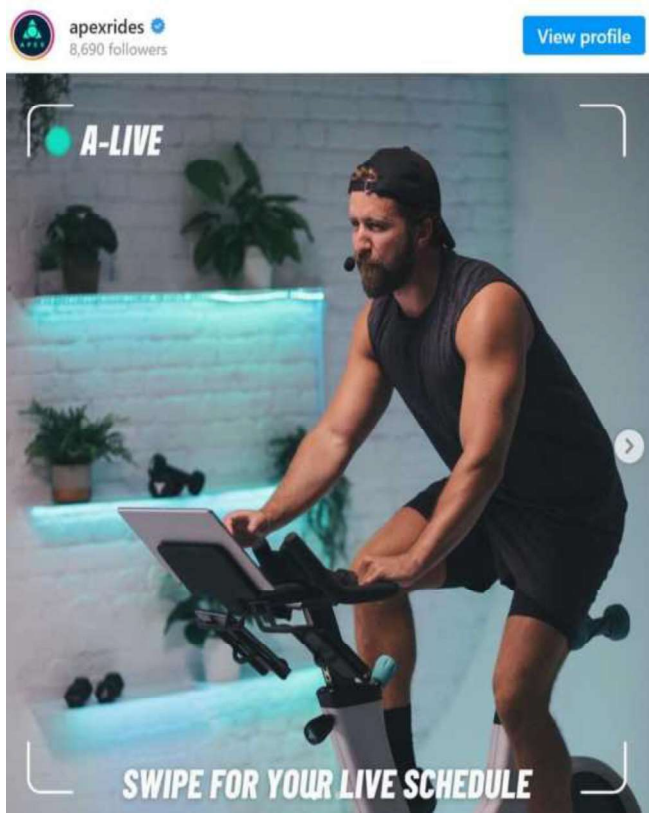


Car Companies are becoming **A.I. companies**





Spin studios can have **Streaming** platforms





Restaurants are opening **Virtual kitchens**



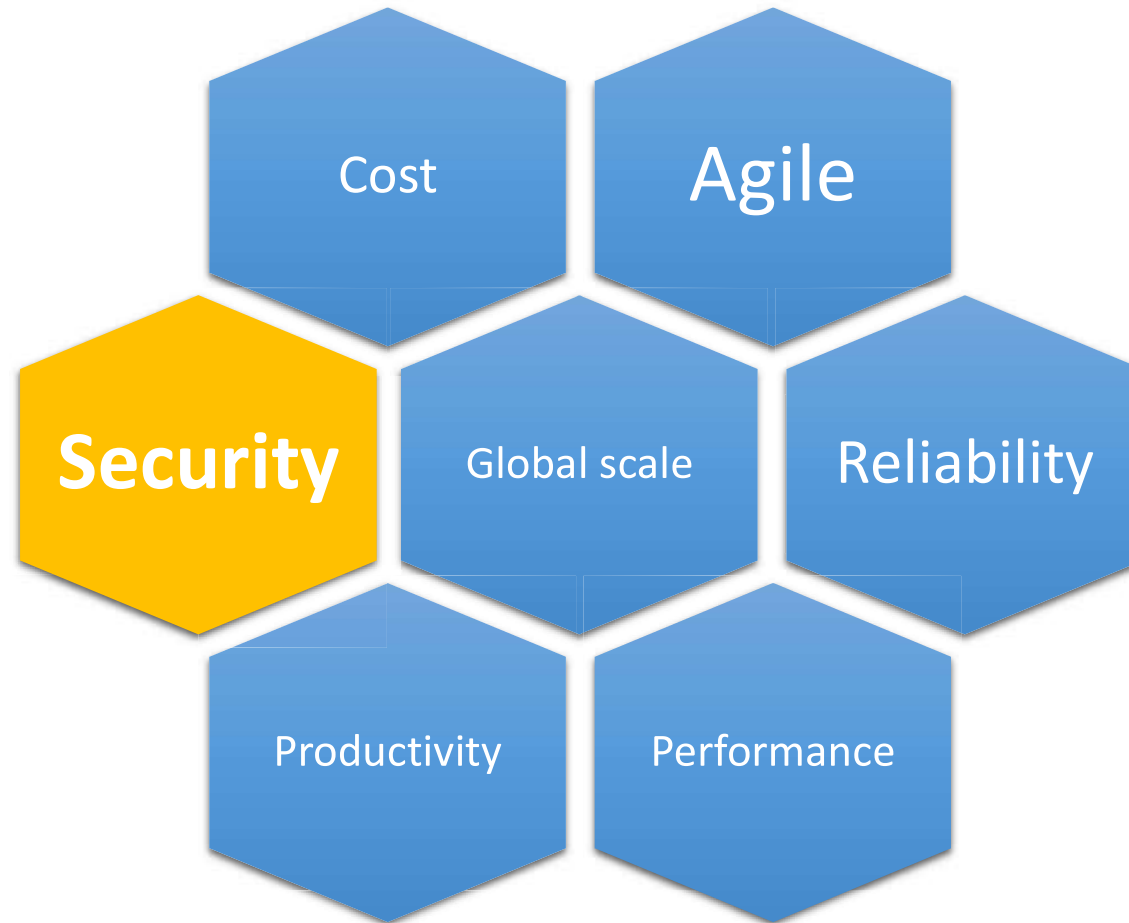


I.T. departments are moving to the **Cloud**

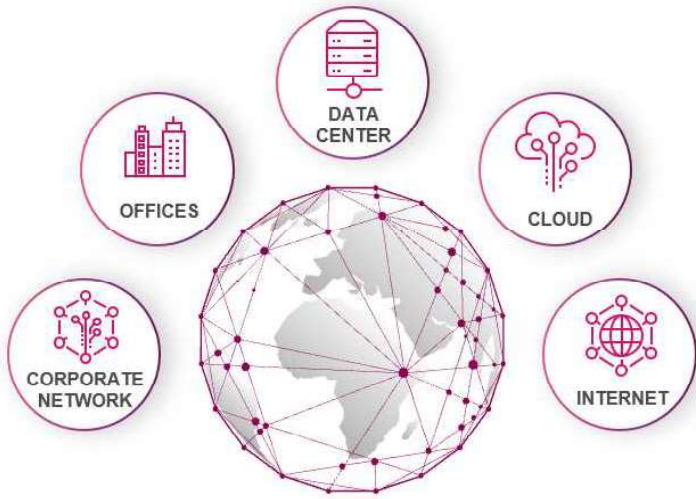




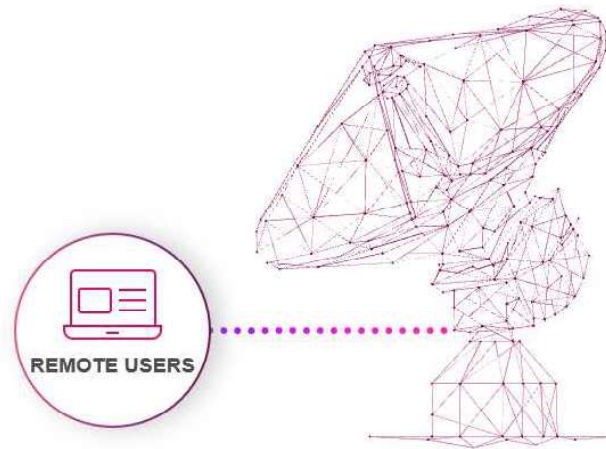
Cloud computing – Top advantages



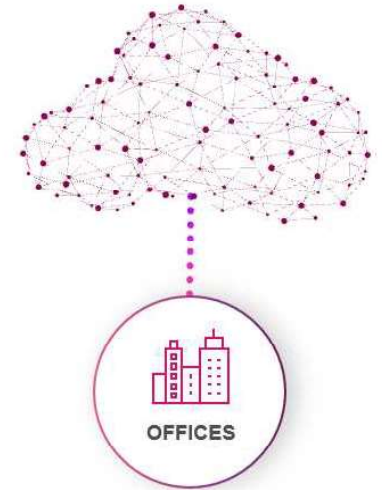
Today's enterprises:
DISTRIBUTED APPLICATIONS AND WORKFORCE



APPLICATIONS
are everywhere



REMOTE USER ACCESS
is the new normal



OFFICES CONNECT DIRECTLY
with SD-WAN

Hybrid work requires new security paradigms



Increased Attack Surface

45% see uptick in cyber attacks since Covid-19



Complex Management

46% challenged with scaling performance



Poor User Experience

67% cite performance / latency as top user complaint

It's time to rethink network security

The new network security: **SASE**



**Secure
Access
Service
Edge**

Network security as a **consolidated cloud service**

Zero-trust access to corporate networks and applications

Secure connectivity to internet and SaaS

Advanced **threat prevention**



CHECK POINT HARMONY

A HOLISTIC SOLUTION TO SECURE REMOTE USER DEVICES AND ACCESS



Check Point Harmony

Connect - SASE

Endpoint

Mobile

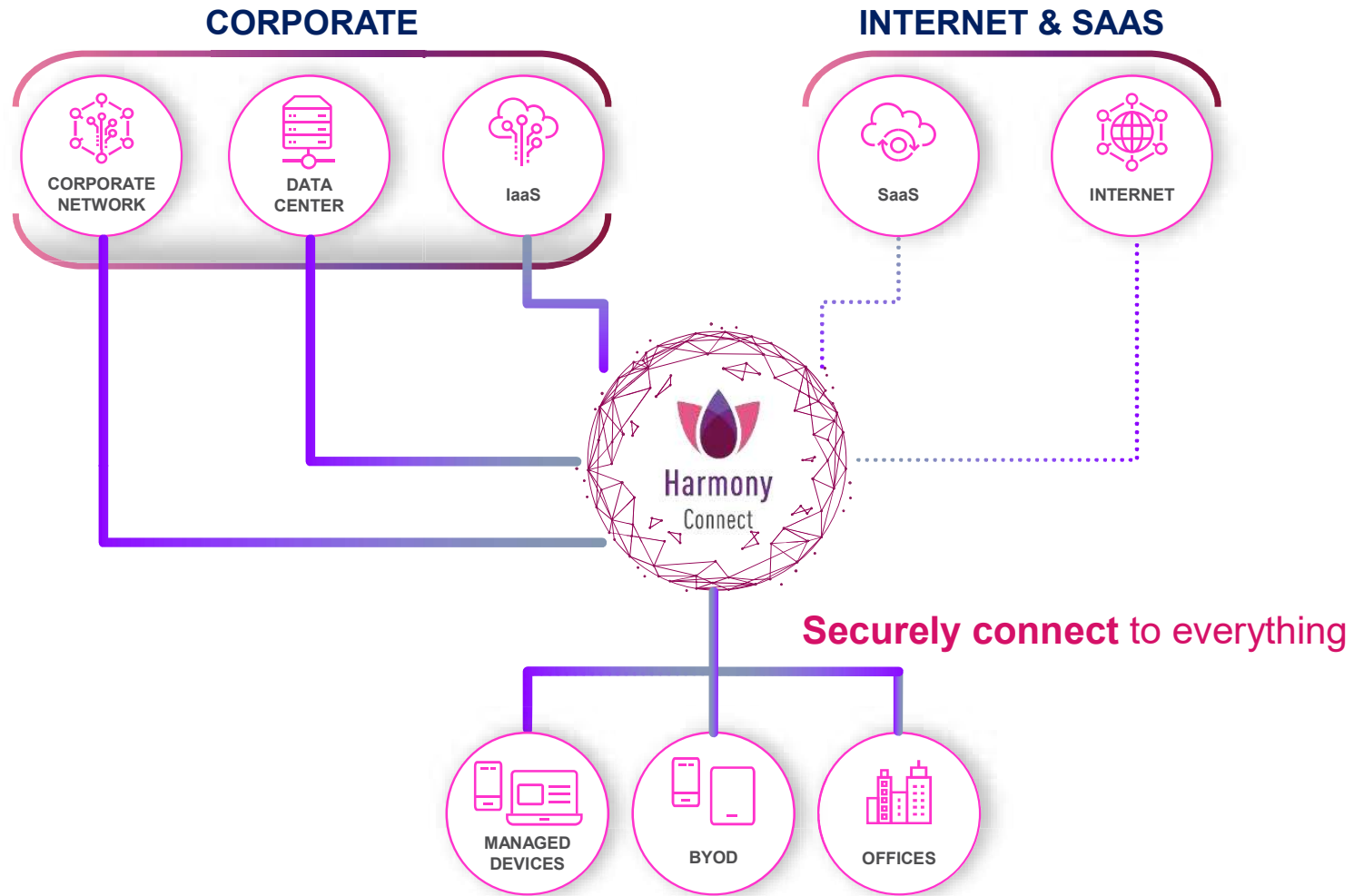
Email & Office



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Secure Remote Access





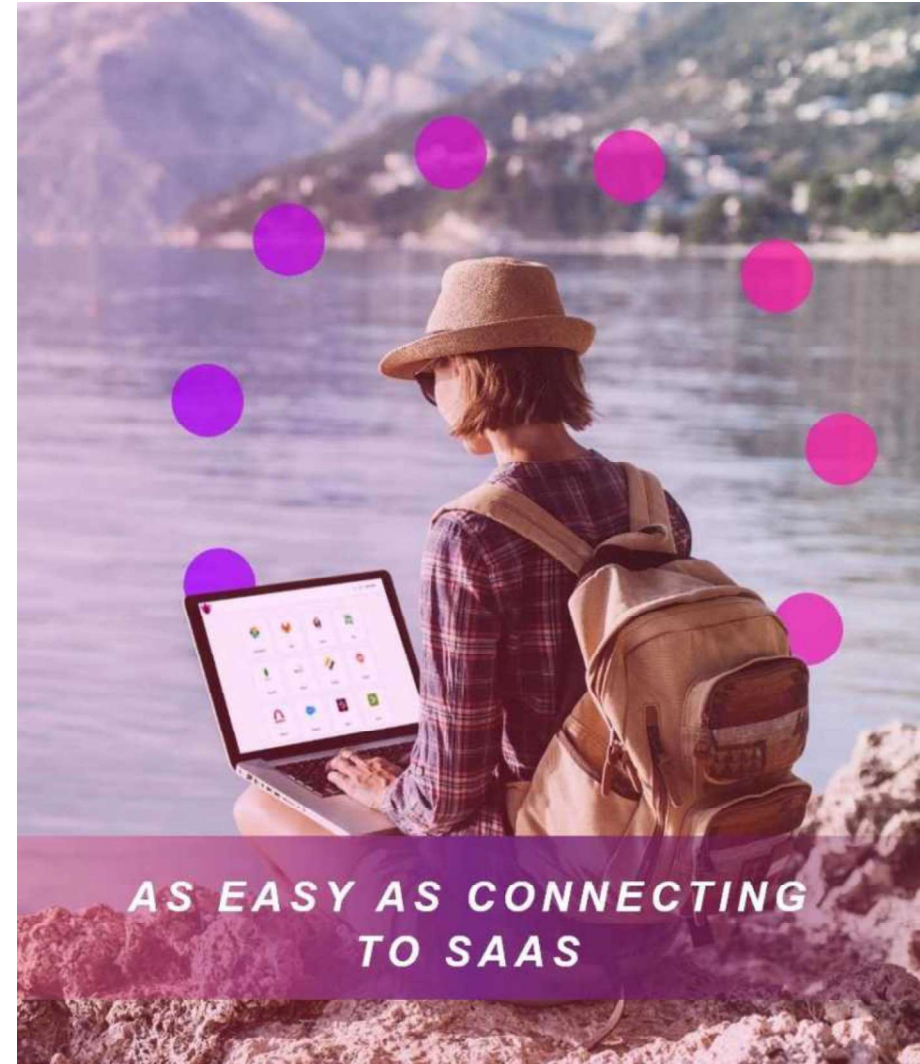
remote - clientless access



User-friendly **clientless remote access**, no agent required



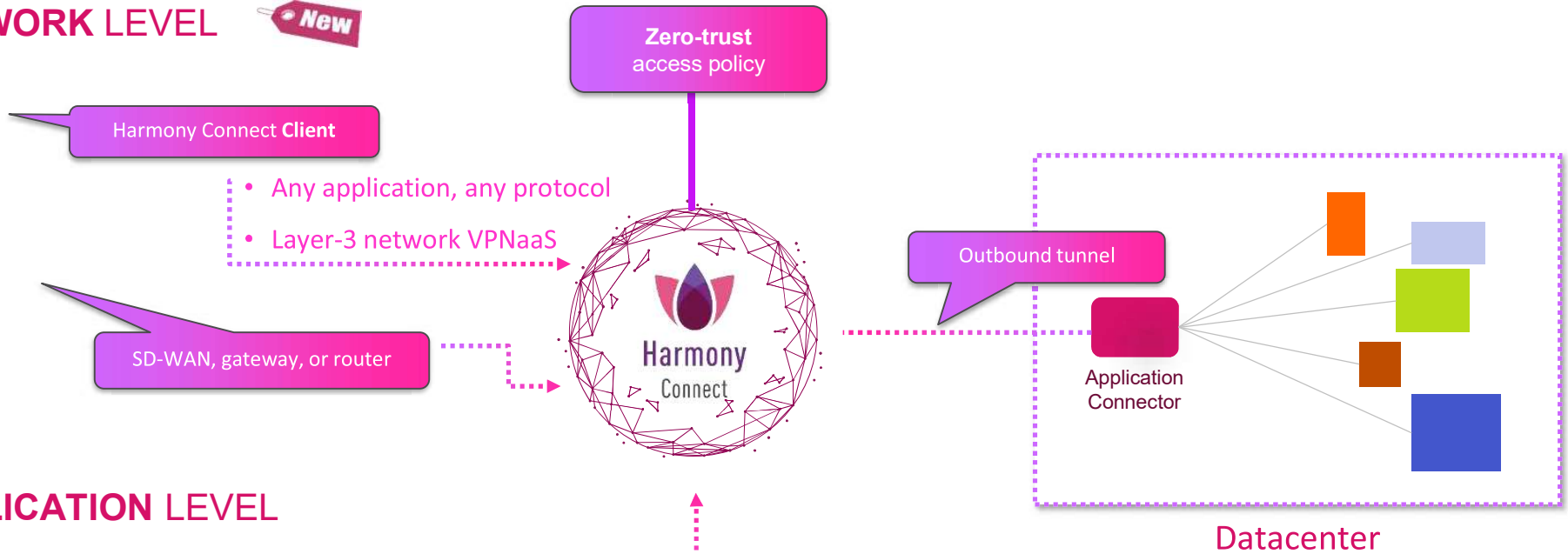
Extend remote access with VPN-as-a-service for PC, Mac and mobile



TWO ACCESS MODES, SINGLE ARCHITECTURE

NETWORK LEVEL

New



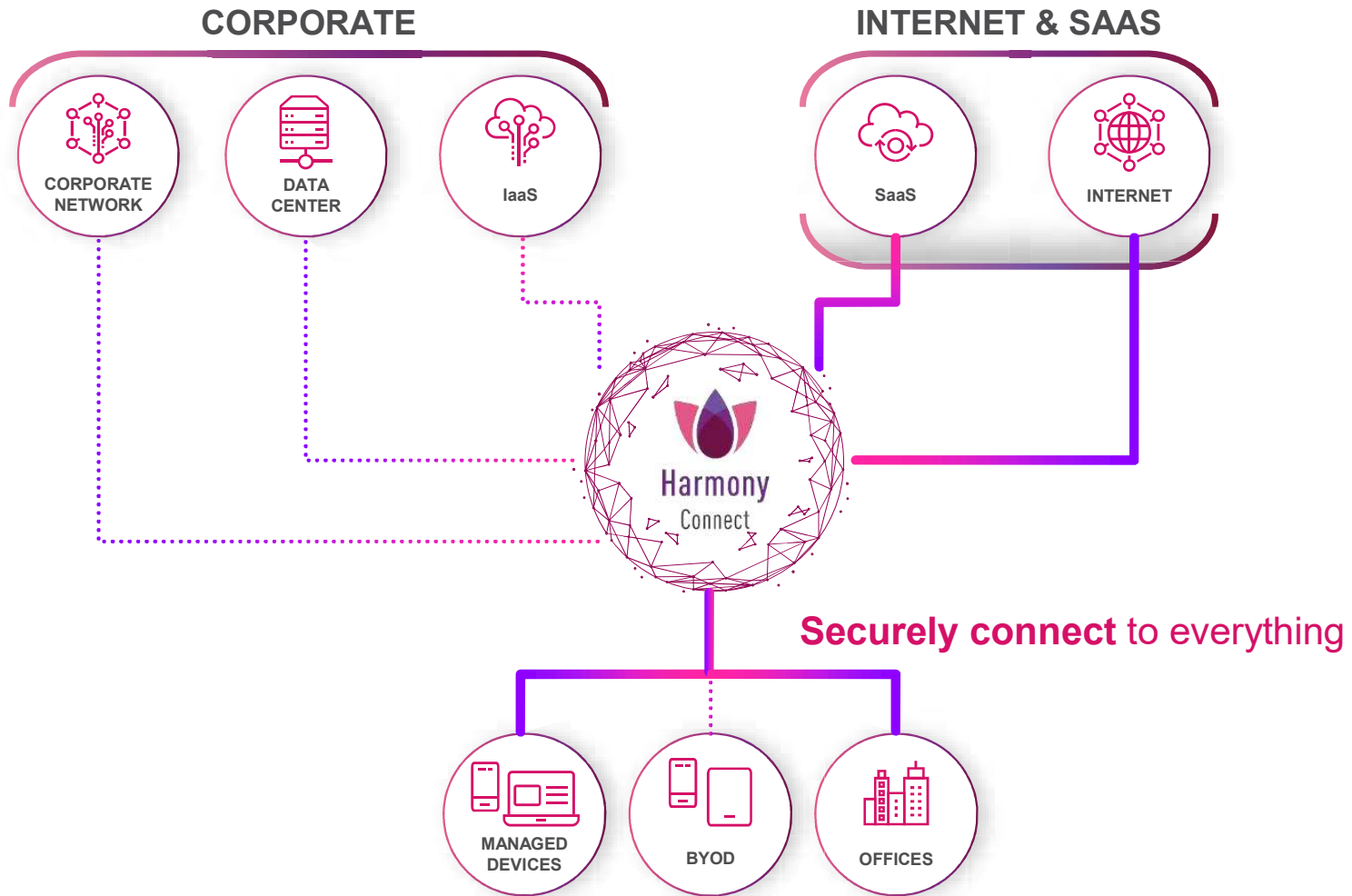
APPLICATION LEVEL

Clientless connection

- Web, RDP, SSH, SQL
- Application-level reverse proxy



Corporate Internet Access



Microsoft Internet Access Control



Protect users from zero-day malware and phishing

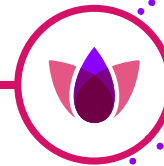
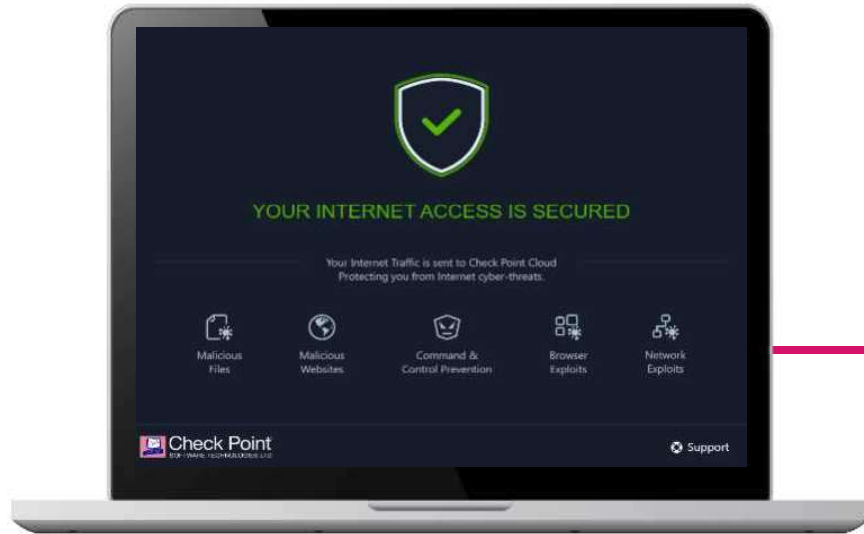


Control internet access with application control and URL filtering





Secure Internet Access



Cloud Service

Google
facebook
WIKIPEDIA



Secure Web Gateway Features

Threat Prevention

- Zero-day sandboxing
- Intrusion Prevention System (IPS)
- Phishing prevention
- Malware and C2 bot prevention
- Full SSL Visibility

Access Control

- Cloud Firewall
- URL Filtering
- Application Control (8,600+ Apps)

Data Protection

- Cloud DLP
- Granular policy
- Predefined data types

Integrations



Enforce **consistent security policies** across 1000s of branches



Secure a new branch in **less than 5 mins** with advanced automation



Tight integrations with SD-WAN leaders

Azure Virtual WAN
CISCO
velocloud™
Now part of VMware
VERSA NETWORKS
aruba
a Hewlett Packard Enterprise company
aryaka
nuagenetworks
ORACLE Talari
silverpeak
CITRIX
cradlepoint

**PROTECT
BRANCH-TO-INTERNET
CONNECTIONS**



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Secure Hybrid & Remote Work

- Secure Remote Access
- Secure Internet & SaaS Access
- Secure Branch Connectivity

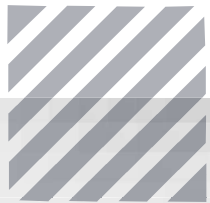




DYXnet SD-WAN

DYXnet's SD-WAN service provides exceptional user experience with its cost-effective carrier-grade network capability

DYXnet's SD-WAN service provides a significantly cost-effective, carrier-grade network capability, enabling enterprises to benefit from stability, agility, security, manageability, and simplicity and reduce network costs of up to 50%.



Why SD-WAN?



Cost
efficiency



Improve
performance

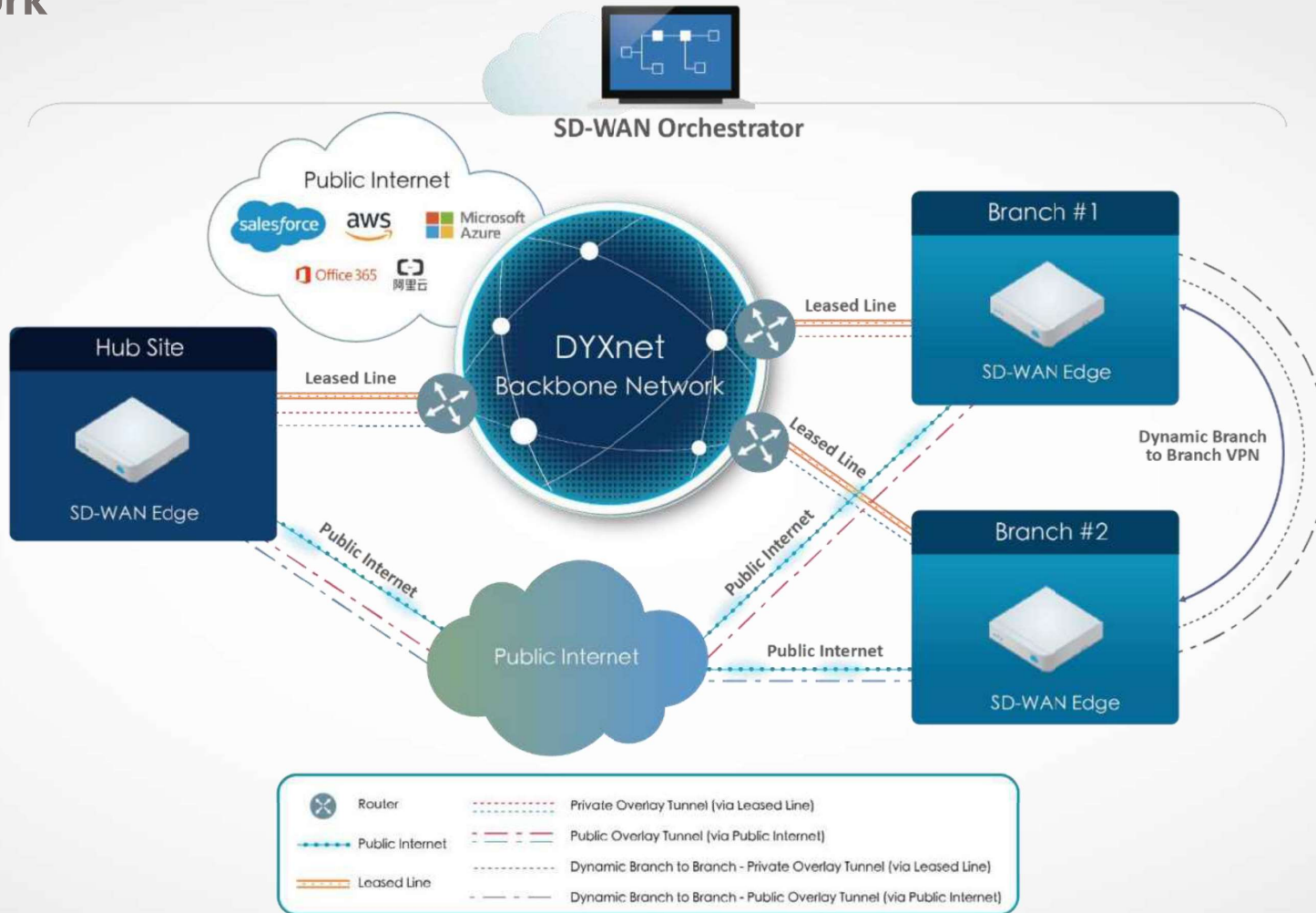


Recognize
applications



Easy
deployment

Our Network



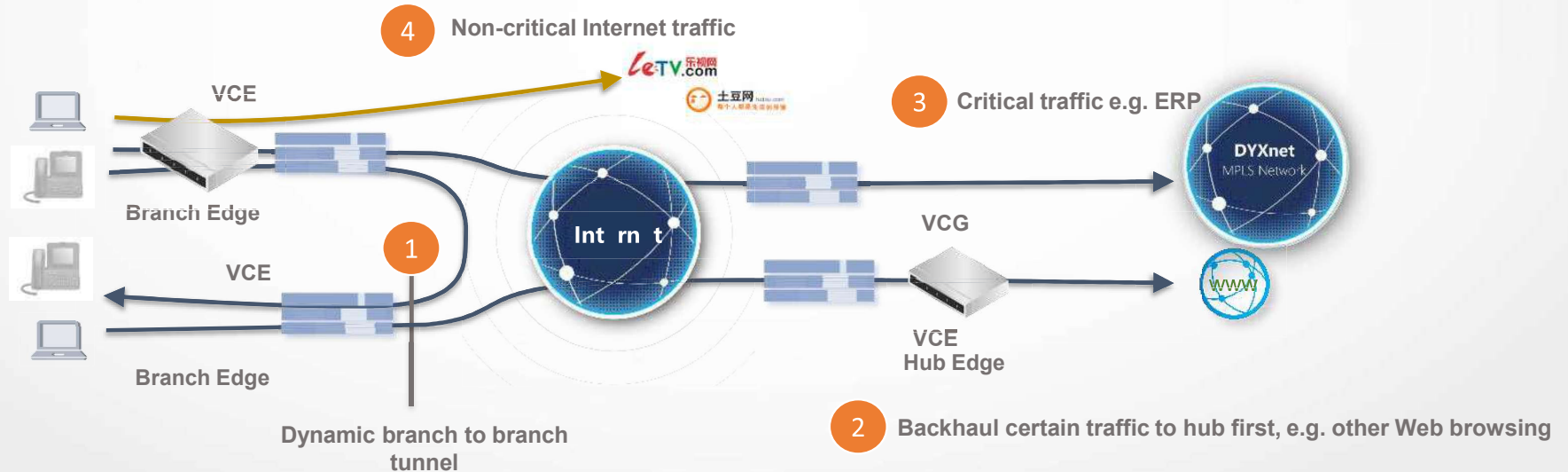
Key Features - Dynamic Multi-Path Optimization (DMPO)

Continuous path monitoring and application traffic flow optimization.

Path per packet load balancing on multiple WAN bandwidth in customer site to maximize the bandwidth utilization.

Traffic control using layer 2 to 7 attribute. e.g. VLAN, IP address protocol, and applications.

Path selection via customer policy + WAN resilience management provided.



Key Features - Application Recognition

VeloCloud Deep Application Recognition



... 3000+ Applications

Some More Key Features...

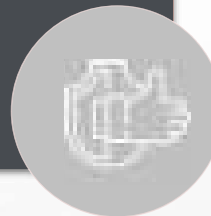
- Network & operation dashboard
- Policy management
- Historical usage statistic
- Connectivity monitoring with remote diagnostics



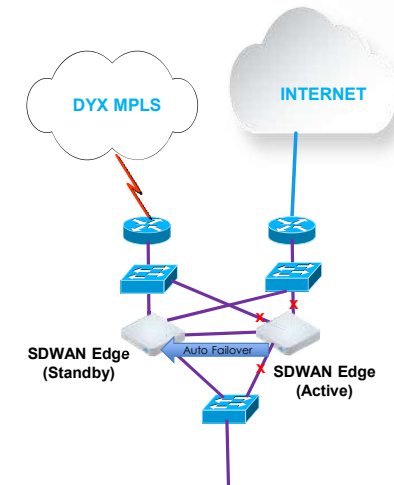
Centralized Management Portal

- Remote handling by an orchestrator for device activation, configuration diagnosis, etc.
- Simple plug and use

Zero-touch Configuration

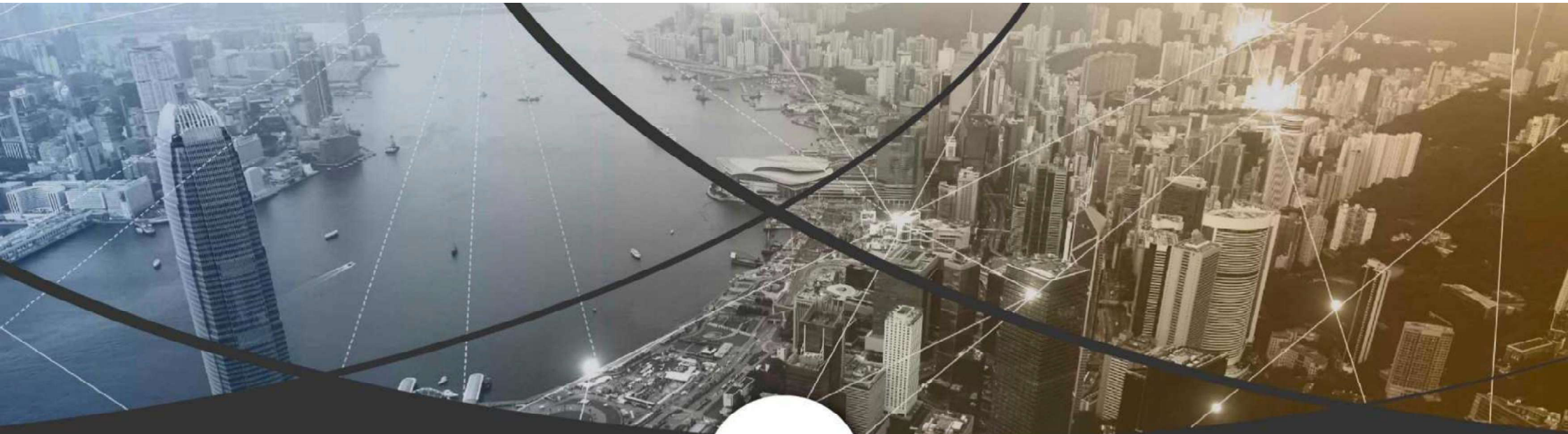


- Hot standby solution with both active edge and standby edge



High Availability





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s r i c s

G g r



Successful Case References A Fast-food Restaurant Chain in Hong Kong & Mainland China

How we enable rapid configuration for the changing consumer preferences & demands



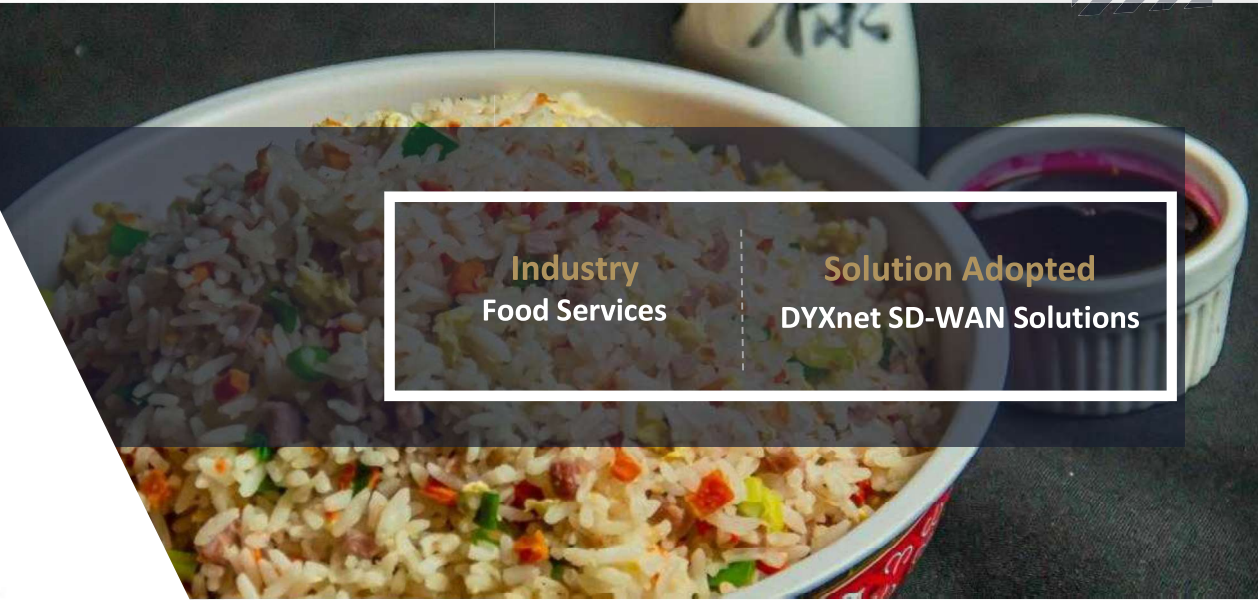
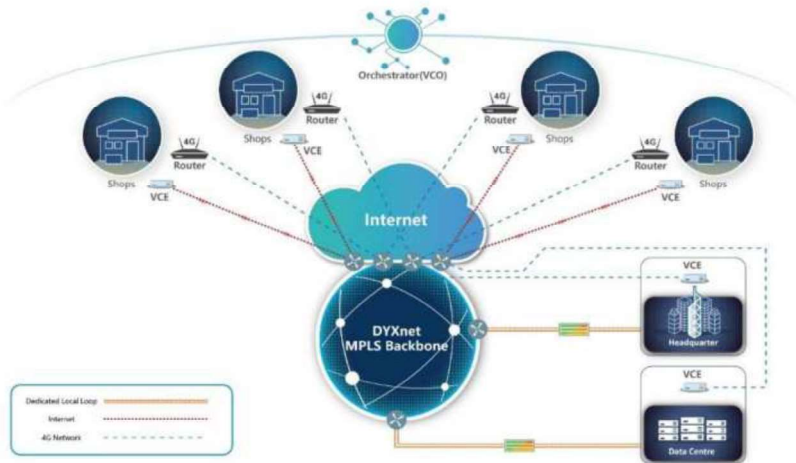
Business Needs

- Support more than 100 branches.
- Fast Deployment and managed equipment system
- Need cost effective network redundancy solution for real time application
- Require Centralize management tool.

DYXnet Solution Deployment

- High Availability SD-WAN Solution using fixed (Broadband) + mobile(4G) network service via SD-WAN Gateway (VCG).
- Customer management portal (VCO) for user management.
- 7 x 24 DYXnet service support.

How our solution works



Industry	Solution Adopted
Food Services	DYXnet SD-WAN Solutions

Key Benefits:

- Efficient diagnosis of fault compared with legacy network design
- Provide a centralized management tool to cater rapid business changes and configuration update

Successful Case References

How we helped Gogoro to develop their enterprise cloud network



About Gogoro

Taiwan based developer of electric scooters which has expanded to 125 points. Listed on Nasdaq

Client Needs

- An one-stop platform to integrate its intranet architecture
- Data from the corporate headquarter, stores and AWS public cloud platform need to be linked and exchanged.
- The increasing number of stores creates an urging need for network solutions.

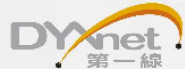
DYXnet Solution Deployment

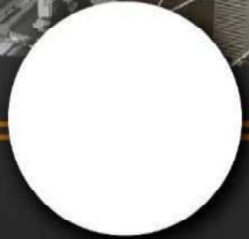
- A SD-WAN + MPLS VPN network design, featuring more than two types of connection options including MPLS network, broadband Internet, and 4G/5G mobile network over 100 service locations.
- Speed up Gogoro's store network deployment and leverage their existing Internet circuit to perform active transmission.
- By using DYXnet's stable MPLS network backbone and AWS public cloud platform for data exchange



Despite its competitive price, DYXnet spares no effort in providing integrated network solutions without delay. We did not hesitate to engage DYXnet for its network service throughout the preparation work for new shops, from network infrastructure as well as after-sales support service.

Information Technology Department of Gogoro Taiwan Limited





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About DYXnet



- Founded in 1999, DYXnet is a leading carrier-neutral network service provider in Greater China
- DYXnet was acquired by VNET Group (NASDAQ: VNET) in August 2014 and [is now a member of its new sub-brand – NEOLINK](#)



Backbone network with total bandwidth of more than **565G**, peering with **400+** carriers, internet exchange centers and enterprises worldwide



With network POPs in nearly **50** cities worldwide



Serving **20,000+** MPLS private network client sites



Trusted by **1700+** Global Enterprise Customers

DYXnet's Parent Company

世纪互联
VNET

Nasdaq:VNET

A leading carrier- and cloud-neutral data center services provider in China

6,000+ quality customers, **1,000+** technical experts
Resources sharing with over 6,000 quality customers

50+ data centers **78,000+** cabinets

Adhering to the craftsmanship spirit with continuous improvement
to the manageability and security of its data centers

20+ years of experience

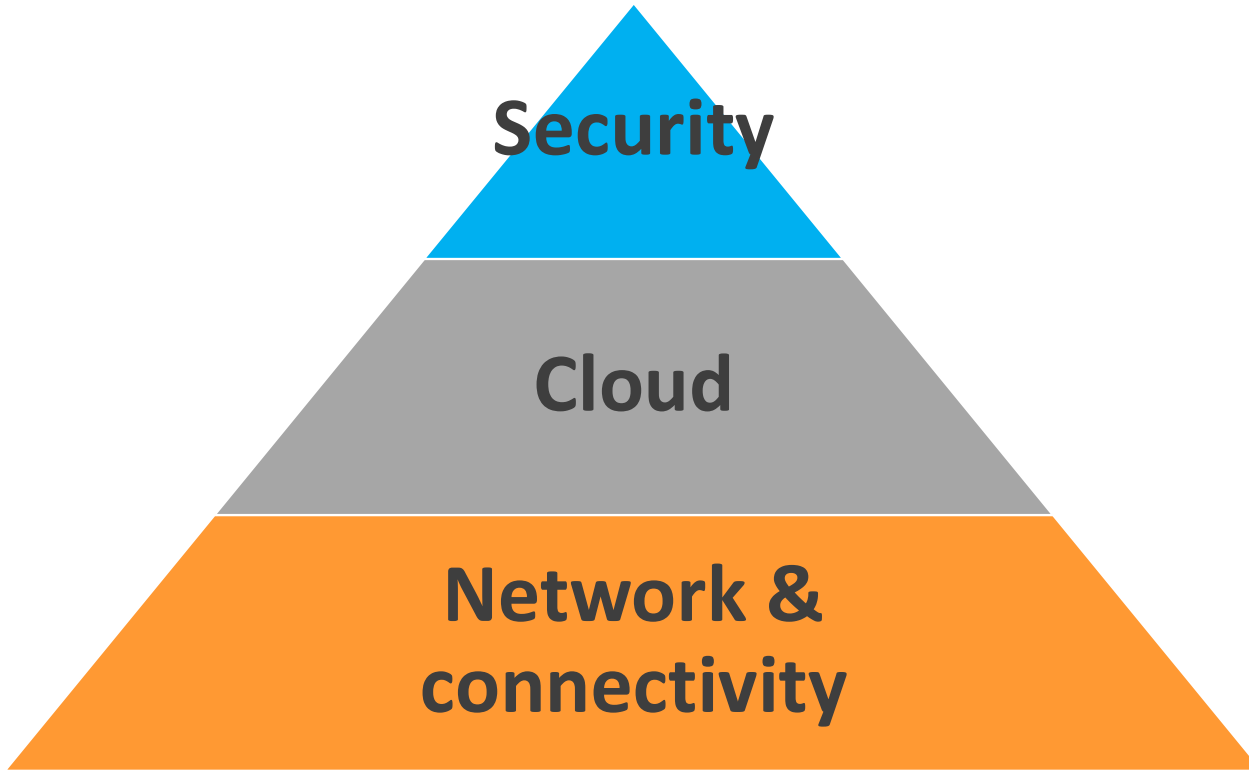
Managed by the experienced and professional team;
PUE optimisation to ensure competency of data centers

2,000G+ Internet Bandwidth, **1,000G+** high speed direct connect

Quality network connection, highly stable private network



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Legal and Nationwide Licenses



DYXnet's operating company in Mainland China - Shenzhen Deyixian Telecom Company Limited

- Awarded the "SD-WAN Ready" certificate
- Became the first official members of the China Cross-border Data Telecommunications Industry Alliance
- Became the SD-WAN service standard drafting unit



Business Licenses for Value-added Telecommunications Business

DYXnet possesses nationwide/inter-province value-added telecommunications licenses including IP VPN, IDC, ISP, and Cloud Service

ACCREDITATION

International Certifications Partnership

◆ ISO/IEC 20000-1:2018



◆ ISO 9001:2015



◆ ISO/IEC 27001:2013



◆ Cisco Registered Partner



◆ VEEAM CSP Silver Partner



◆ AWS Select Consulting Partner



◆ Zoom Authorized Reseller



◆ VMware Partner



◆ Microsoft SPLA Approved



◆ Google Cloud Partner



◆ Microsoft Gold Partner



◆ Check Point Stars Partner



◆ Equinix Silver Partner



DYXnet Cloud Solutions

DYXnet provides professional services on cloud infrastructures (Data Centre Co-Location, Private Cloud, Public Cloud & Hybrid Cloud) and implementation of SaaS application with our partner eco-system.

Managed Cloud Services
- ONE Cloud Director



Dedicated
Leaded Line

Cloud Connection

HQ/Branch Office
ONE Cloud Director Platform

Cloud Connect







Video Conferencing Solutions








Cloud Backup as a Service



Backup for


- Microsoft Office 365
- Backup Azure to On-Prem
- Backup VM to Cloud
- Backup Physical/VM to Cloud

Cloud Shield Solution



- Firewall
- DLP
- IPS
- App. Control, IPsec VPN
- Antivirus and Anti-Bot

Industry Solution- Healthcare



Remote Patient Monitoring Solution

- Remote & Continuous Tracking
- Real Time Data & Alert
- Dashboard for Consolidated Data
- Historical Data for Analysis

Ensure our customers to enjoy stable and secure cloud services via DYXnet's quality network solutions

Multi-Cloud Connectivity Platform

◆ MPLS VPN

◆ Private Cloud

◆ SD-WAN

◆ DC Co-Location

◆ Smart WAN

◆ Smart DNS

DYXnet Network POPs

- With network POPs in nearly **50** cities, covering more than **700** cities worldwide
- Guaranteed Service Level Agreement (SLA)
- **7x24** network monitoring, management, and reporting
- Backbone network resilience: backbone trunks provided by 2 or more telecom operators
- Local network resilience: circuits provided by 2 or more telecom operators
- Operating with industry best practices and international standards

ISO/IEC27001, ISO/IEC 20000-1 and ISO 9001

● Network POPs



Customer Services & Network Operation

We provide individualized services guarantee for each customer with 24/7 and all-year-round customer services, DYXnet's experienced technical customer service team is able to communicate in Mandarin, English and Cantonese. In addition, our Network Operation Centers (NOC) set up in major cities in the Greater China region provides customers with effective network management and real-time detection of any network issue or security crisis that may occur.

24/7 Customer Service Department

- *front line e desk*
- *To free for reater ina re ion*
- *au ts and in and monitorin*
- *Ticket mana ement*
- *ne sto contact oint*



24/7 Network Operation Centre

- *network service o erators*
- *Proactive detection for customers' network issues*
- *Professiona tec nica su ort*

如對第一線的雲網方案感興趣，可[按此連結](#)或 scan 右邊的 QR Code 填寫問卷，讓我們可以進一步了解您們的需求。

填寫問卷後，更有機會獲得小禮品或咖啡禮券。

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