

Grow Together

Huawei Company and Portfolio Update

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Enteprise and Government Group

2026. Október 21.

HUAWEI

Huawei: Leading provider of ICT infrastructure and smart devices

Vision and mission

Bring digital to every person, home and organization for a fully connected, intelligent world



213,000
employees

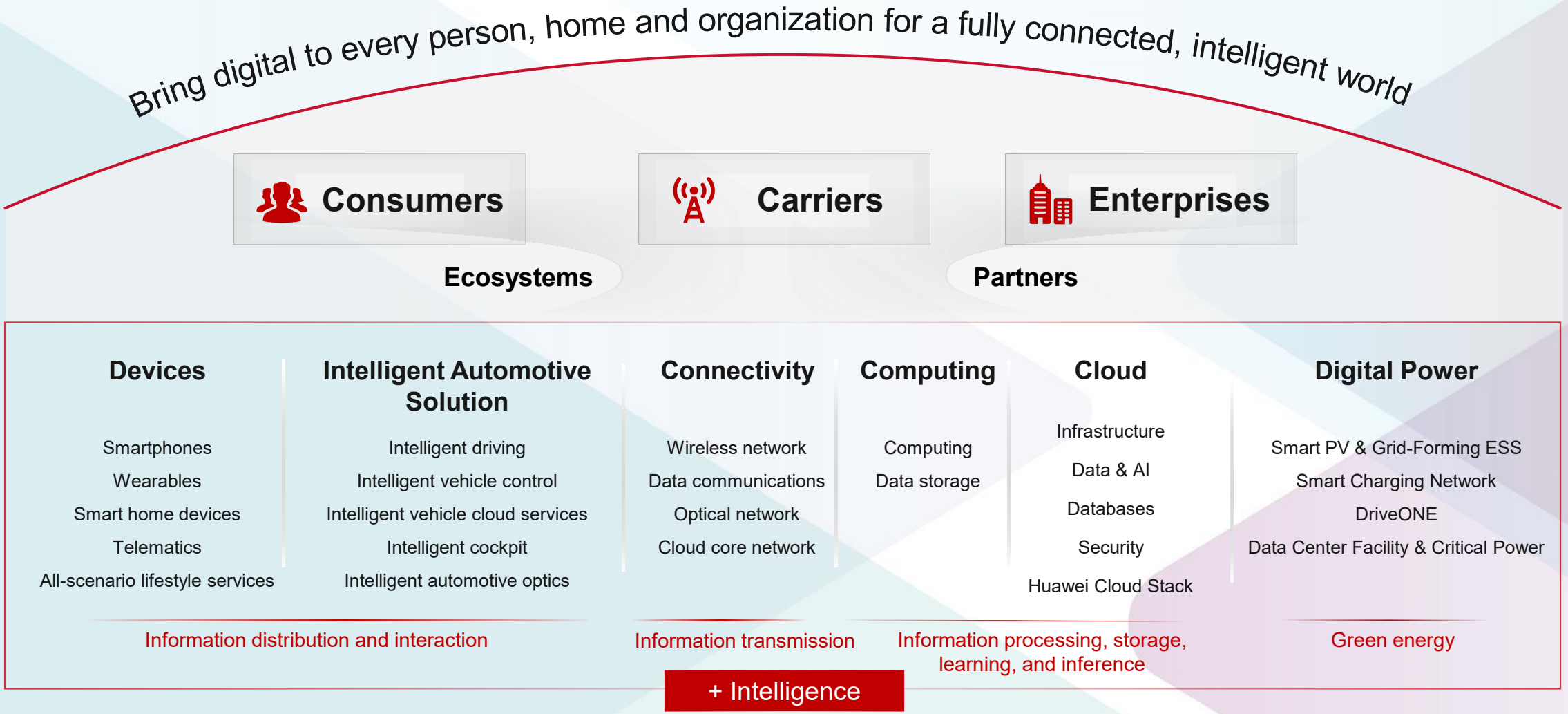
53.7%
of employees work in R&D

63.8%
of employees outside China hired locally

170+
countries and regions

HUAWEI

Focusing on ICT to provide products, solutions, and services to three customer groups alongside ecosystems and partners



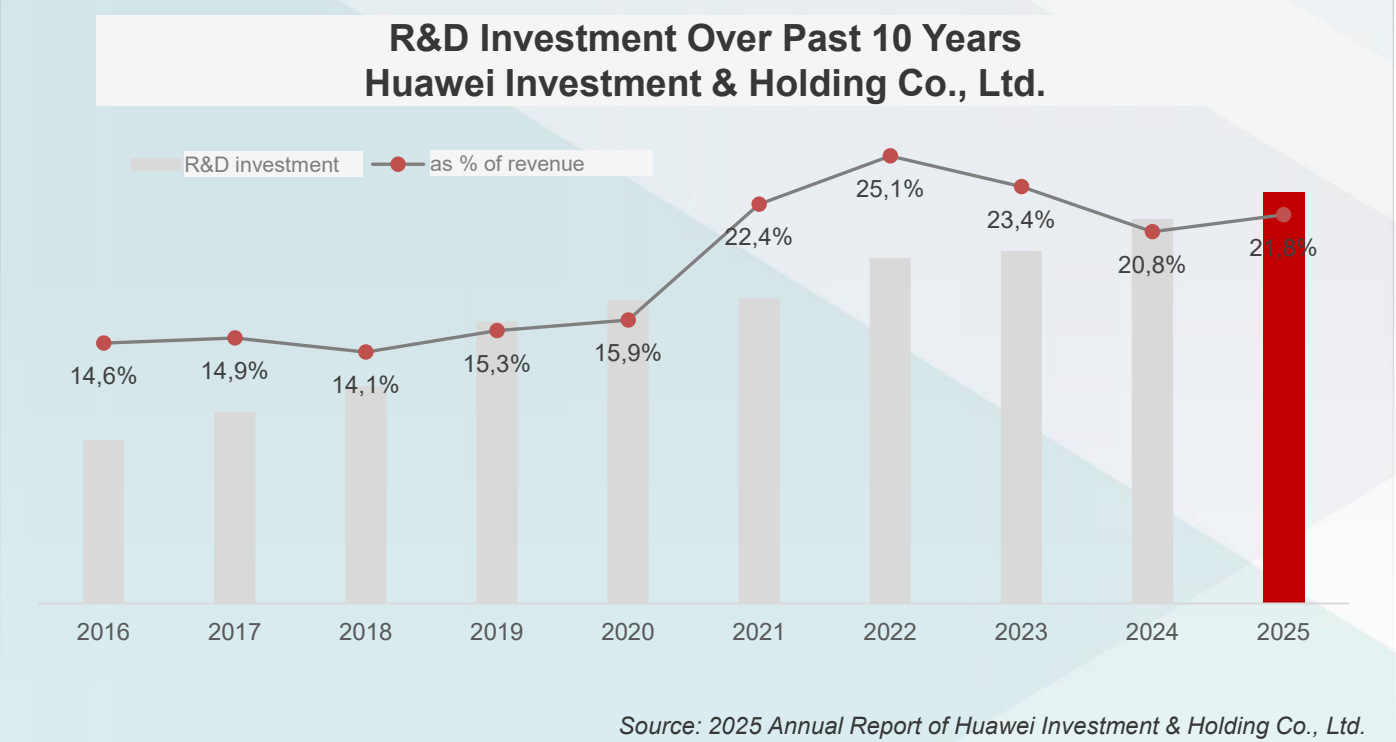
HUAWEI

Heavy R&D investment to create more value for customers and society through innovation

USD 28 bn
R&D investment in 2025

21.8%
as % of revenue in 2025

USD 206 bn
total R&D investment over the past decade



Source: 2025 Annual Report of Huawei Investment & Holding Co., Ltd.

Top 6
in global R&D investment (for 9 consecutive years)

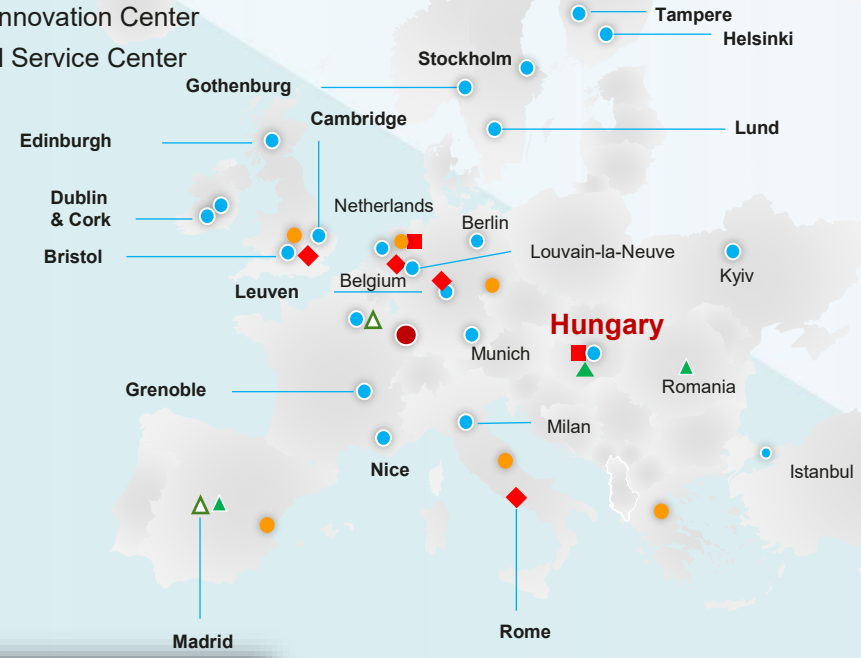
165,000+
active granted patents (as of the end of 2025)

260+
patent license agreements (as of the end of 2025)

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Huawei in Europe

- 5G Factory
- Research Institutes
- Cybersecurity Center
- Supply Center
- Customer Training Center
- Joint Innovation Center
- Global Service Center



13,000+ employees (Until end of 2024)

Certified as a "Top Employer" in Europe for 6 consecutive years

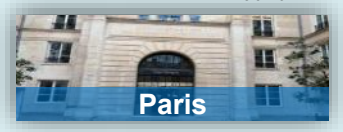
top EMPLOYER Europe 2025 FOR A BETTER WORLD OF WORK

29 R&D Centers in **14** countries

143,800 jobs for Europe *

150 million tons carbon emissions reduction for Europe(2014~2024)

210+ universities and colleges cooperation **30,000+** trained ICT students



Optical & Data Communication Lab
High-performance Database Lab



Magnetic Component Lab



Thermal Lab



1st wireless equipment factory outside of China



Supply centers
< 2 weeks delivery

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Huawei in Hungary

Cooperate with Local Partners for Industry Digitalization

Manufacturing

BorsodChem, CATL, BYD, EVE, WASION, INOVANCE, SEMCORP, CHERVON, SUNJODA ENERGY, B&M TECH, REHAU, HALMS, KDL, SENSIRION

Education

ÓBUDAI EGYETEM ÓBUDA UNIVERSITY, PÉCSI TUDOMÁNYEGYETEM TERMÉSZETTUDOMÁNYI KAR, SZÉCHENYI UNIVERSITY, BUDAPEST METROPOLITAN UNIVERSITY, DUNAÚJVÁROSI EGYETEM UNIVERSITY OF DUNAÚJVÁROS, KIFÜ, HUN REN SZTAKI

Finance & Insurance

otpbank, Raiffeisen BANK, UniCredit, BANK OF CHINA, MKK Magyar Követeléskezelő, 中国建设银行 China Construction Bank (Europe), SIGNAL IDUNA

Transportation, Logistic, Retail

MÁV, MAGYAR KÖZÚT, EWG EAST-WEST GATE, MKIF, CECZ, Ghibli, Reál Kispatak-2000 Kft., LIDL, HORVATH RUDOLF INTERTRANSPORT KFT.

Public and Utilities

NISZ, Pro-M, OVF ORSZÁGOS VÍZÜGYI FŐIGAZGATÓSÁG, MAVIR, elmű·émász, Észak-budai Szent János Centrumkórház, MET

20 Years in Hungary, **2** offices, **3** factories, **600+** employees,

2 Bn USD investment since 2005, **2000+** job created directly and indirectly, **5bn** HUF tax paid in 2024



Agora Office, XIII Budapest
Huawei Serbia & Hungary HQ
Huawei GTAC Office
Huawei Cloud SRE Office



River Park, IX Budapest
EU Supply Center
EU Spare Part Center



2023: Kapuvár Factory
32,500 m²



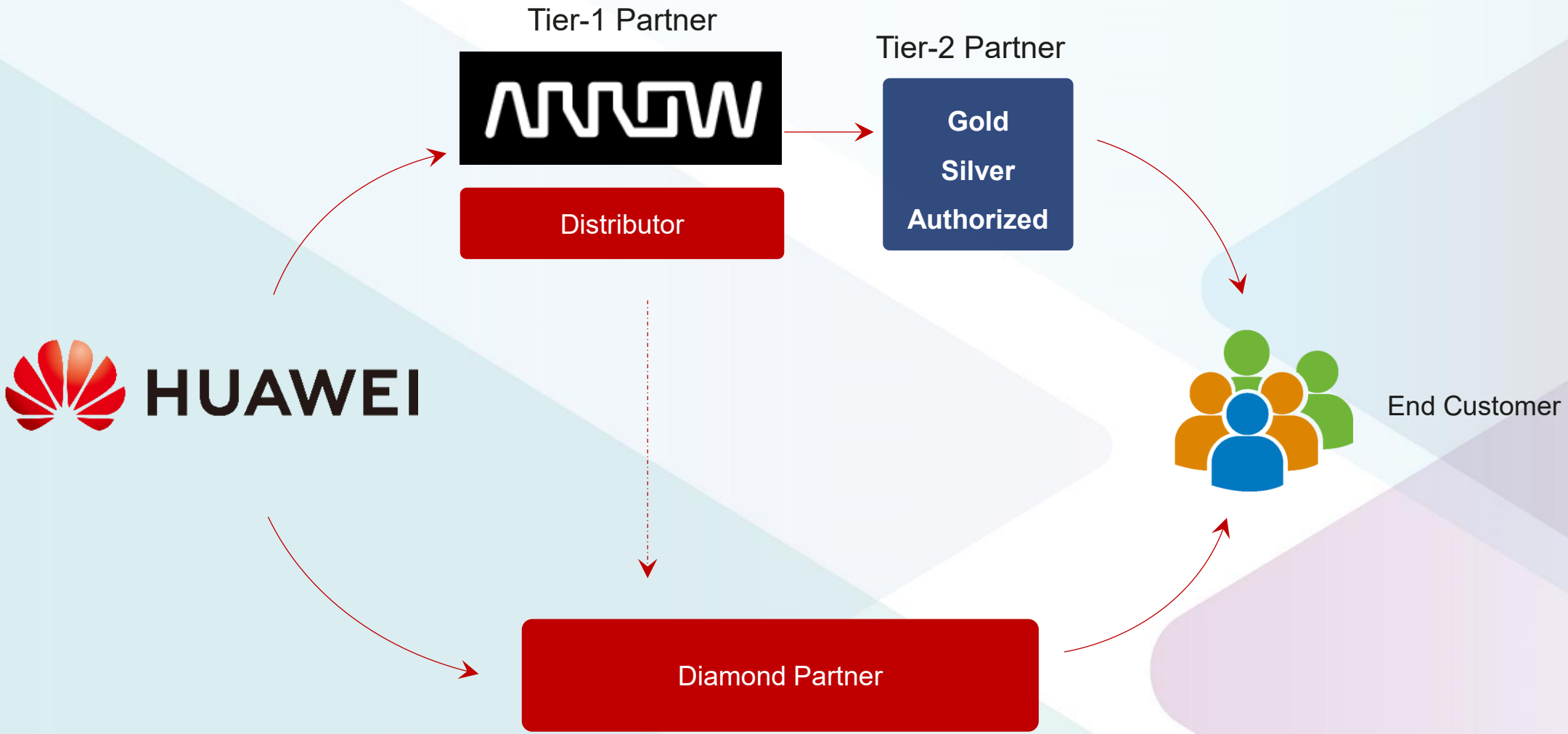
2019: Páty Factory
13,600 m²



2009: Komárom Factory
20,000 m²

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Huawei Partner Sales Route



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Mainstream Enterprise Products

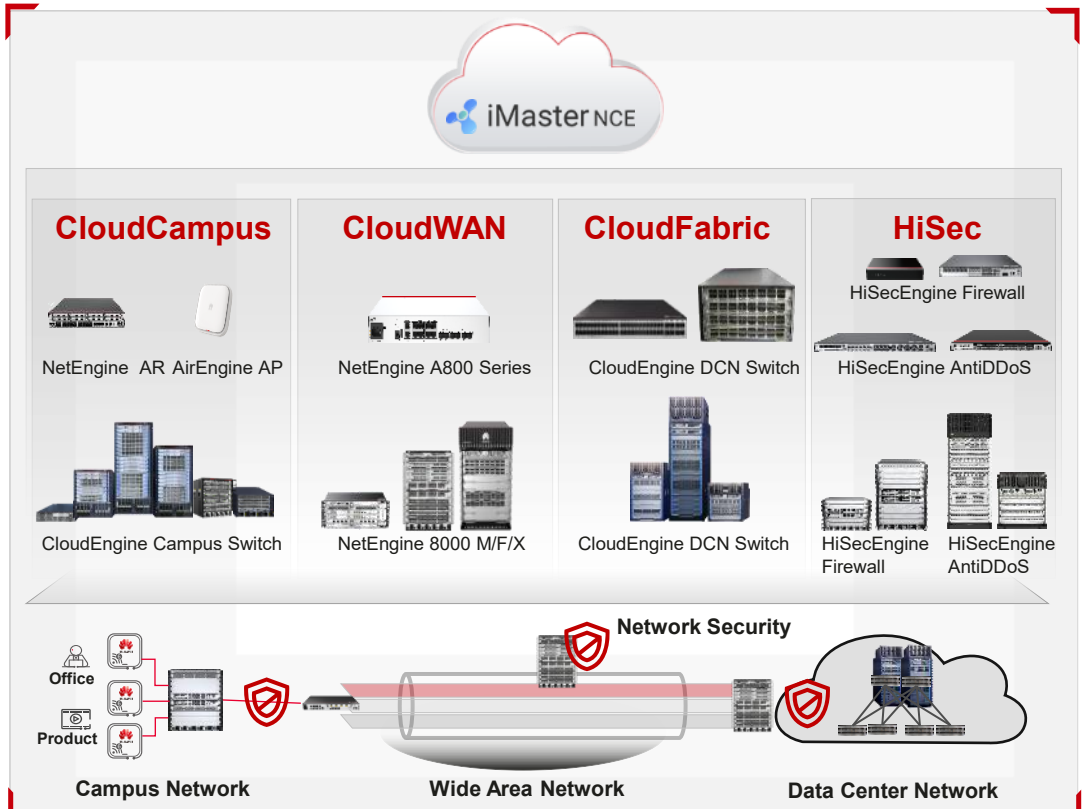
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Huawei Data Communication At a Glance

Huawei: A leading provider of intelligent IP networks

Carrier Business
Best strategic partner of customers

Enterprise Business
First-choice partner for enterprise digitalization



NetEngine
WAN routers
No.1 in global router market for **five consecutive years**

CloudEngine
Campus and DCN switches
No.2 in global switch market

AirEngine
Wi-Fi APs
No.1 Global Wi-Fi 7 shipments in the enterprise WLAN

A leader in the Gartner® Magic Quadrant™

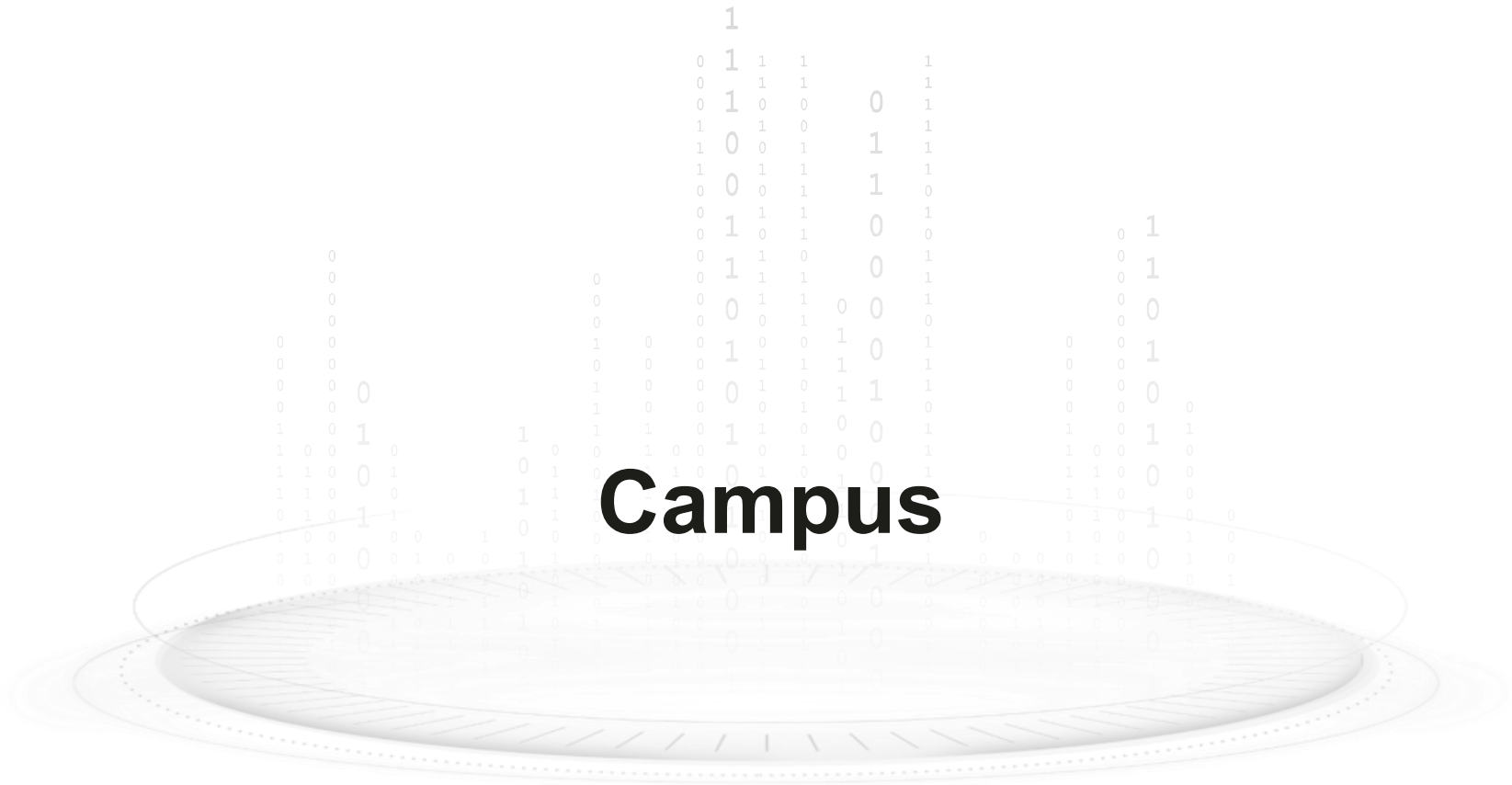


Campus network: Named as a leader for 3 consecutive years



Data Center Network: Highest Score in "Completeness of Vision"

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Campus

CloudEngine campus switch portfolio

Modular switches



S16700-4/8

Flagship core switches with orthogonal architecture and multiple SFUs, supporting M-LAG for zero service interruptions during upgrade



S12700E-4/8/12

Massive throughput, wired and wireless convergence



New

S12700H-4/8

Next-gen high-density modular core/aggregation switches, supporting CMUs, high-quality experience assurance cards, and PEN cards



S8700-4/6/10

High-quality experience assurance cards/**PEN cards** supported on S8700-6/10



High-quality experience assurance card for audio and video services

New



- 4-port PEN card: 64 x 10GE
- 8-port PEN card: 128 x 10GE

S6700 series switches



S6780-H

2U switches with 4 card slots, which support ports of all rates



New

S6750-H

10GE/25GE/100GE QSFP28, MACsec

48 x 10GE + 8 x 100GE



S6730-H6FX4Y2CZ-V2

PEN central switch

96 x 10GE supported per device



S6730-H*/-V2

10GE/25GE SFP28; card slot design



S6750-S

GE RJ45/10GE SFP+, card slot design, MACsec



S6730-S-V2 New

24/48 x 10GE SFP+, 6 x 40GE QSFP+ (which can scale to 6 x 100GE QSFP28 through a license)

S5755 series switches (MACsec capable)



S5755-H (GE RJ45)

24/48 x GE RJ45

PoE+, PoE++, and non PoE models



S5755-H (2.5GE RJ45)

24/48 x 2.5GE RJ45, PoE++

220 mm deep



S5755-H (multi-GE)

12/24/36/48 x multi-GE RJ45 PoE++



S5755-S (GE/2.5GE RJ45) New

24/48 x GE RJ45 + 8 x 2.5GE SFP, PoE+, PoE++, and non PoE models

RUs



New **S5751-L-RUA**

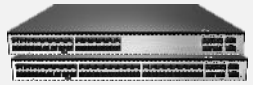
- Downlink (8/10/**16**/24/26 x GE/2.5GE RJ45), uplink (2.5GE/10GE SFP+), **multi-GE models** available
- PoE, PoE+, PoE++ and non PoE models



S5731-L-RUA

- 4/8/16 x GE RJ45 (downlink), GE/2.5GE SFP (uplink)
- PoE, PoE+, PoE++ and non PoE models

S5700 series switches



S5732-H-V2 (all-optical)

GE/10GE SFP+ (downlink), 40GE QSFP+ (uplink), card slot design



S5732-H (hybrid optical-electrical)

10GE RJ45 + 10GE SFP+ (downlink), 25GE + 100GE (uplink), card slot design



S5731-H (hybrid optical-electrical)

GE/2.5GE hybrid optical-electrical downlink, 10GE uplink, card slot design



S5731-S (electrical/optical ports)

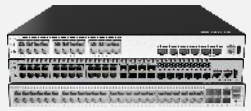
24/48 x GE RJ45 + 10GE SFP+, 24/28 x 2.5GE SFP + 10GE SFP+



S5731-S (multi-GE)

24 x 2.5GE RJ45 (downlink), 40GE QSFP+ (uplink)

8 x 10GE + 16 x 2.5GE RJ45 (downlink), 40GE QSFP+ (uplink)



S5735-S-V2 (electrical ports)

- 24/48 x GE RJ45 or 24/48 x GE RJ45 + 2.5GE SFP (downlink), 10GE SFP+ (uplink)
- 24/48 x 2.5GE RJ45 (downlink), 10GE SFP+ (uplink)
- Support for card slots and dedicated stack ports
- PoE+/PoE++



S5735-L-V2 (electrical ports)

- 8/10/16/24/48 x GE RJ45 (downlink), GE/10GE SFP+ (uplink)
- 24/48 x 2.5GE RJ45 (downlink), 10GE SFP+ (uplink)
- Some models without fans, some models with dedicated stack ports
- Built-in power module, PoE+/non PoE



S5735-S-V2 (optical ports/ hybrid optical-electrical ports)

- 24/48 x GE SFP (downlink), 10GE SFP+ (uplink)
- 24/48 x GE SFP + DB50 (downlink), 10GE SFP+ (uplink)
- Support for dual power modules and dedicated stack ports
- PoE, PoE+, and non PoE models



S5735-L-V2 (optical ports)

- 24/48 x GE SFP (downlink), 10GE SFP+ (uplink)
- (Optional) Dedicated stack ports
- Built-in power module

Switches tailored to commercial markets



S5735R-S-V2 (GE)

- 24/48 x GE RJ45 (downlink), 10GE SFP+ (uplink)
- PoE+ and non PoE models



S5735R-L-V2 /S5751R (GE)

- 8/16/24/48 x GE RJ45 (downlink), GE/10GE SFP+ (uplink)
- Built-in power module, PoE+/non-PoE models

HUAWEI

Featured industrial switches and industrial gateways

Industrial switches & extended-temperature switches

DIN rail-mounted

HSR + 1588V2



- 8 x GE RJ45 + 4 x GE SFP + 2 x 10GE SFP+

TSN, 1588v2



10GE uplink
Small size (1 U)
High-precision clock



- 8 x GE RJ45 + 2 x 10GE SFP+
- 1 model capable of PoE++

S5735I-H-V2
Flagship switch



- 8 x GE RJ45 + 4 x 10GE SFP+



- 8 x GE RJ45 + 4 x 10GE SFP+
- PoE++



- 8 x GE RJ45 + 4 x GE SFP



10GE uplink
Small size (1 U)
PoE++

- 8 x GE RJ45 + 2 x 10GE SFP+
- PoE++

MACsec support
(on 8 x GE RJ45 + 2 x GE SFP)





- 16 x GE RJ45 + 2 x GE SFP + 4 x 10GE SFP+
- 8 x GE RJ45 + 8 x GE RJ45 (PoE+) + 2 x GE SFP + 4 x 10GE SFP+

S5735I-S-V2
Mainstream switch

New support ERPS

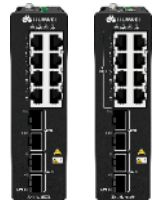


- 8 x GE RJ45 + 2 x GE SFP

MACsec @
full-series switches



- 16 x GE RJ45 + 2 x GE SFP + 2 x 10GE SFP+



- 8 x GE RJ45 + 2 x GE SFP + 2 x 10GE SFP+
- 1 model capable of PoE+

S5731I-L
Cost-effective switch

Rack-mounted

Industrial-grade design, natural heat dissipation



24 x GE RJ45 + 8 x GE SFP + 4 x 10GE SFP+



24 x GE RJ45 + 8 x GE SFP + 4 x 10GE SFP+

S5735I-H-QA-V2, TSN, 1588v2



16 x GE RJ45 + 8 x GE SFP + 4 x 10GE SFP+, DC

S5735I-S-V2 (cost-effective switch)

Extended-temperature and air-cooled switches



S5735I-L10T4X-A-V2



S5735I-L8P4X-A-V2



S5735I-S24U4XE-V2



S5735I-S24T4XE-V2



S5735I-S48T4XE-V2

Industrial IoT gateway



- 4 x GE RJ45 + 2 x 10GE SFP+
- LTE/3G
- SD-WAN
- IPS/Antivirus/URL filtering



New

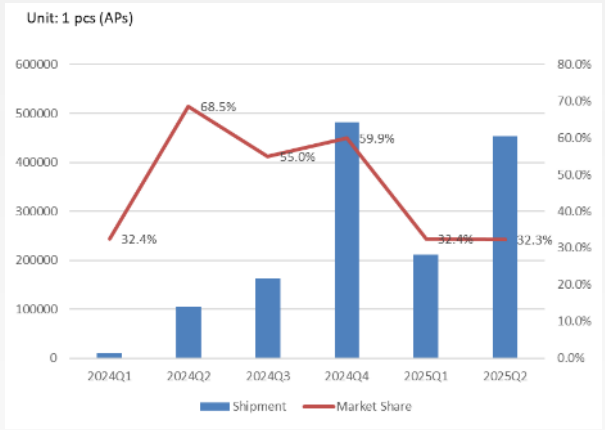
- 4 x GE RJ45 + 2 x 10GE SFP+
- 5G/LTE
- SD-WAN
- IPS/Antivirus/URL filtering

AR502H-V2 (next-gen gateway that integrates computing, network, and security capabilities)

A leader in global Wi-Fi 7 shipments and industry standards

Strong market performance

No. 1 in the global Wi-Fi 7 market



Source: IDC's Worldwide Quarterly Wireless LAN Tracker® (Q2 2025)

First to launch all-scenario Wi-Fi 7 APs, continuously leading the market



Winning industry recognition

Huawei **named a Leader** in the 2025 Gartner® **Magic Quadrant™** for Enterprise Wired and Wireless LAN Infrastructure **for the third year in a row**

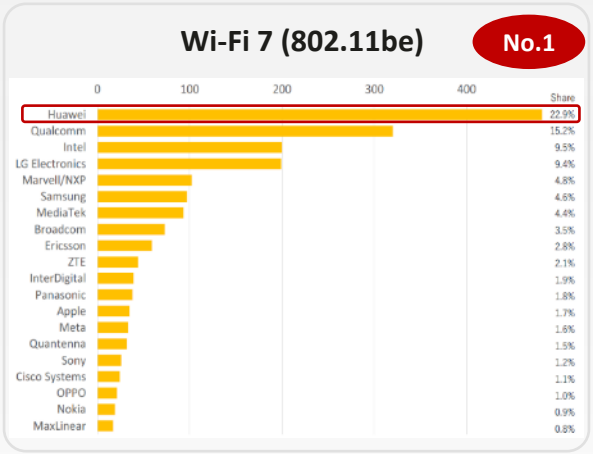


Pre

Gartner's comments on Huawei:
Innovation: Huawei's product innovations are well-aligned with the emerging needs of enterprise customers, **such as iCSSR (Pre Wi-Fi 8)**, real-time application journey playback, VIP FastPass, and consistent experience of on-premises and cloud management.

Leading industry standards

No. 1 contributions to the Wi-Fi 7 standard





IEEE 802.11bn (Wi-Fi 8) technical editor

WFA Wi-Fi 8 Working Group Vice Chairman

Yu Jian

- 60+ experts have participated in Wi-Fi 8 standard proposals.
- Huawei has submitted more than 15% of the proposals so far.

HUAWEI

What's new in Wi-Fi 7 AP family: 4 new flagship APs | wall plate APs support Wi-Fi CSI sensing | zero-roaming Wi-Fi 7 AP | wall plate AP for PEN solution | entry-level outdoor AP

Wi-Fi 7 (802.11be) indoor settled APs



AirEngine 8776-X7F-T

- Device rate: 26.56 Gbps
- NSS: $4^{2.4G}+4^{5G}+4^{5/6G}+4^{6G}/2^{2.4G}+4^{5G}+2^{5G}+4^{6G}+4^{6G/scan}$
- BLE 6.0, external IoT expansion via USB
- 2 x 10GE RJ45, MACsec



AirEngine 8776-X7T-T

- Device rate: 18.67 Gbps
- NSS: $4^{2.4G}+4^{5G}+4^{6G}$
- Built-in dynamic-zoom smart antennas
- BLE 6.0, external IoT expansion via USB
- 2 x 10GE RJ45, MACsec



AirEngine 8776-X7ET-T

- Device rate: 18.67 Gbps
- NSS: $4^{2.4G}+4^{5G}+4^{6G}$
- External antennas
- BLE 6.0, external IoT expansion via USB
- 2 x 10GE RJ45, MACsec



AirEngine 8776-X6THP

- Device rate: 12.9 Gbps
- NSS: $4^{2.4G}+4^{5G}+4^{5G}$
- Built-in dynamic-zoom smart antennas
- BLE 6.0, external IoT expansion via USB
- 1 x 10GE RJ45, 1 x 10GE SFP+, 1 x GE RJ45, MACsec



AirEngine 8771-X1T

- Device rate: 18.67 Gbps
- NSS: $4+4+4^{5G/6G}$
- Built-in dynamic-zoom smart antennas
- BLE 5.2, external IoT expansion via USB
- 2 x 10GE RJ45, 1 x 10GE SFP+



AirEngine 6776-58TI

- Device rate: 7.89 Gbps
- NSS: $2^{2.4G}+4^{5G}+2^{6G}/4^{2.4G}+4^{5G}$
- BLE 5.4, built-in dual PCIe IoT card slots, built-in IoT module, external IoT expansion via USB
- 1 x 5GE RJ45, 1 x GE RJ45, MACsec



AirEngine 6776-X6ETH

- Device rate: 7.89 Gbps
- NSS: $2^{2.4G}+4^{5G}+2^{6G}/4^{2.4G}+4^{5G}$
- BLE 5.4, external IoT expansion via USB
- 1 x 10GE SFP+, 1 x 5GE RJ45, 1 x GE RJ45, MACsec



AirEngine 6776-X6H

- Device rate: 7.14 Gbps
- NSS: 4+4
- Built-in dynamic-zoom smart antennas
- BLE 5.4, external IoT expansion via USB
- 1 x 10GE SFP+, 1 x 5GE RJ45, 1 x GE RJ45, MACsec



AirEngine 6776-57T

- Device rate: 13.66 Gbps
- NSS: 2+2+4
- Built-in smart antennas
- BLE 5.2, external IoT expansion via USB
- 1 x 5GE RJ45, 1 x GE RJ45, MACsec



AirEngine 6776-56TP

- Device rate: 7.89 Gbps
- NSS: 2+2+4
- BLE 5.2, external IoT expansion via USB, PoE_Out
- 1 x 5GE RJ45, 1 x GE RJ45, MACsec



AirEngine 5776-57T

- Device rate: 7.89 Gbps
- NSS: 2+2+2
- BLE 5.2, external IoT expansion via USB
- 1 x 5GE RJ45, 1 x GE RJ45, MACsec



AirEngine 5776-56T

- Device rate: 5.01 Gbps
- NSS: 2+2+2
- BLE 5.2, external IoT expansion via USB
- 1 x 5GE RJ45, 1 x GE RJ45, MACsec



AirEngine 5776-57

- Device rate: 7.20 Gbps
- NSS: $2^{2.4G}+2^{5G}/2^{2.4G}+2^{6G}/2^{5G}+2^{6G}$
- BLE 5.2, external IoT expansion via USB
- 1 x 5GE RJ45, 1 x GE RJ45, MACsec



AirEngine 5776-26

- Device rate: 6.45 Gbps
- NSS: 2+4
- BLE 5.4, external IoT expansion via USB
- 1 x 2.5GE RJ45, 1 x GE RJ45, MACsec



AirEngine 5773-23H*

- Device rate: 3.57 Gbps
- NSS: 2+2
- BLE 5.2, external IoT expansion via USB
- 1 x 2.5GE SFP, 1 x GE RJ45



AirEngine 5773-22P*

- Device rate: 3.57 Gbps
- NSS: 2+2
- BLE 5.2, external IoT expansion via USB, PoE_Out
- 1 x 2.5GE RJ45, 1 x GE RJ45



AirEngine 5773-21*

- Device rate: 3.57 Gbps
- NSS: 2+2
- BLE 5.4, external IoT expansion via USB
- 1 x 2.5GE RJ45

Wi-Fi 7 (802.11be) outdoor APs



AirEngine 6776I-X6ETH

- Device rate: 13.66 Gbps
- NSS: $2+2+4^{5G/6G}$
- External antennas
- BLE 5.2, external IoT expansion via USB
- 1 x 10GE SFP+, 1 x 10GE RJ45, 1 x GE RJ45, MACsec



AirEngine 6776I-X7TH

- Device rate: 13.66 Gbps
- NSS: $2+2+4^{5G/6G}$
- Built-in omnidirectional antennas
- BLE 5.2, external IoT expansion via USB
- 1 x 10GE SFP+, 1 x 10GE RJ45, 1 x GE RJ45, MACsec



AirEngine 6776I-X6TH

- Device rate: 13.66 Gbps
- NSS: $2+2+4^{5G/6G}$
- Built-in directional antennas
- BLE 5.2, external IoT expansion via USB
- 1 x 10GE SFP+, 1 x 10GE RJ45, 1 x GE RJ45, MACsec



AirEngine 5776I-X6EH

- Device rate: 7.20 Gbps
- NSS: $2^{2.4G/5G}+4^{5G}$
- External antennas
- BLE 5.2, external IoT expansion via USB
- 1 x 10GE SFP+, 1 x 2.5GE RJ45, MACsec



AirEngine 5776I-X7H

- Device rate: 6.45 Gbps
- NSS: 2+4
- Built-in omnidirectional antennas
- BLE 5.2, external IoT expansion via USB
- 1 x 10GE SFP+, 1 x 2.5GE RJ45, MACsec



AirEngine 5776I-X6H

- Device rate: 6.45 Gbps
- NSS: 2+4
- Built-in directional antennas
- BLE 5.2, external IoT expansion via USB
- 1 x 10GE SFP+, 1 x 2.5GE RJ45, MACsec



AirEngine 5773I-21

- Device rate: 3.57 Gbps
- NSS: 2+2
- Built-in omnidirectional antennas
- BLE 5.2
- 1 x 2.5GE RJ45
- IP65

Wi-Fi 7 (802.11be) wall plate APs



AirEngine 5773-25HW*

- Device rate: 3.57 Gbps
- NSS: 2+2
- BLE 5.2, external IoT expansion via USB
- 1 x 2.5GE SFP, 1 x 2.5GE RJ45, 8 x GE RJ45



AirEngine 5773-23HW*

- Device rate: 3.57 Gbps
- NSS: 2+2
- BLE 5.2, external IoT expansion via USB
- 1 x 2.5GE SFP, 4 x GE RJ45



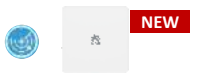
AirEngine 5773-23WP*

- Device rate: 3.57 Gbps
- NSS: 2+2
- BLE 5.2, external IoT expansion via USB, PoE_Out
- 1 x 2.5GE RJ45, 5 x GE RJ45



AirEngine 5773-23W

- Device rate: 3.57 Gbps
- NSS: 2+2
- BLE 5.4, external IoT expansion via USB
- 1 x 2.5GE RJ45, 4 x GE RJ45, 2 x RJ45 pass-through



AirEngine 5773-21HW

- Device rate: 3.57 Gbps
- NSS: $2^{2.4G}+2^{5G}$
- 1 x 2.5GE SFP, 4 x GE RJ45

Zero-roaming Wi-Fi 7 AP



AirEngine 6776-26HD

Intranet

- Device rate: 3.57 Gbps
- NSS: $2^{2.4G}+2^{5G}$
- BLE 6.0
- 1 x 2.5GE RJ45, 1 x 10GE SFP+, 1 x USB

Extranet

- Device rate: 3.57 Gbps
- NSS: $2^{2.4G}+2^{5G}$
- BLE 5.2
- 1 x 2.5GE RJ45, 1 x 2.5GE SFP

Others

- 2 x GE RJ45 (PoE-Out, IoT expansion)
- 8 x SMA Wi-Fi RF port
- 2 x SMA IoT base station RF port

6G 6 GHz | Wi-Fi Shield | Wi-Fi CSI sensing | W General-purpose white-box models are provided

*For AirEngine X773 APs, It needs to select new part numbers and upgrade them to version R25C00 to support Wi-Fi CSI sensing.

Wi-Fi + X: All-in-one network (Wi-Fi + sensing + IoT), creating intelligent campus spaces for lower costs and higher efficiency

Wi-Fi + IoT

One network for multiple services, reducing costs and improving efficiency

RFID · ZigBee · NearLink

Unique

Dual PCIe cards · SD-IoT/Container · USB dongle

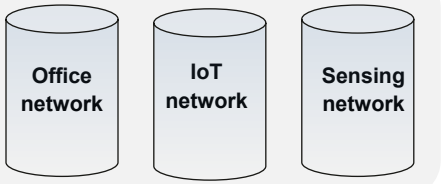
Flexible IoT expansion capabilities

ESL · Medical monitoring · Asset tag · Access control

Müller in Germany · Wuhan Asian Heart Hospital · Huawei IT · Dondon lock

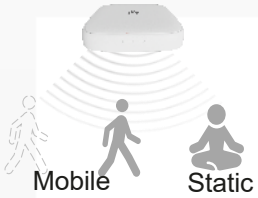


All-in-one network



Wi-Fi + sensing

24/7 sensing for enhanced security and energy efficiency



Detects human presence and reports to application systems

Wi-Fi CSI sensing via a single AP

Efficient detection even without human motion

SafeStay hotel & intelligent RCU



Energy saving



Wellness and healthcare



School dormitory management



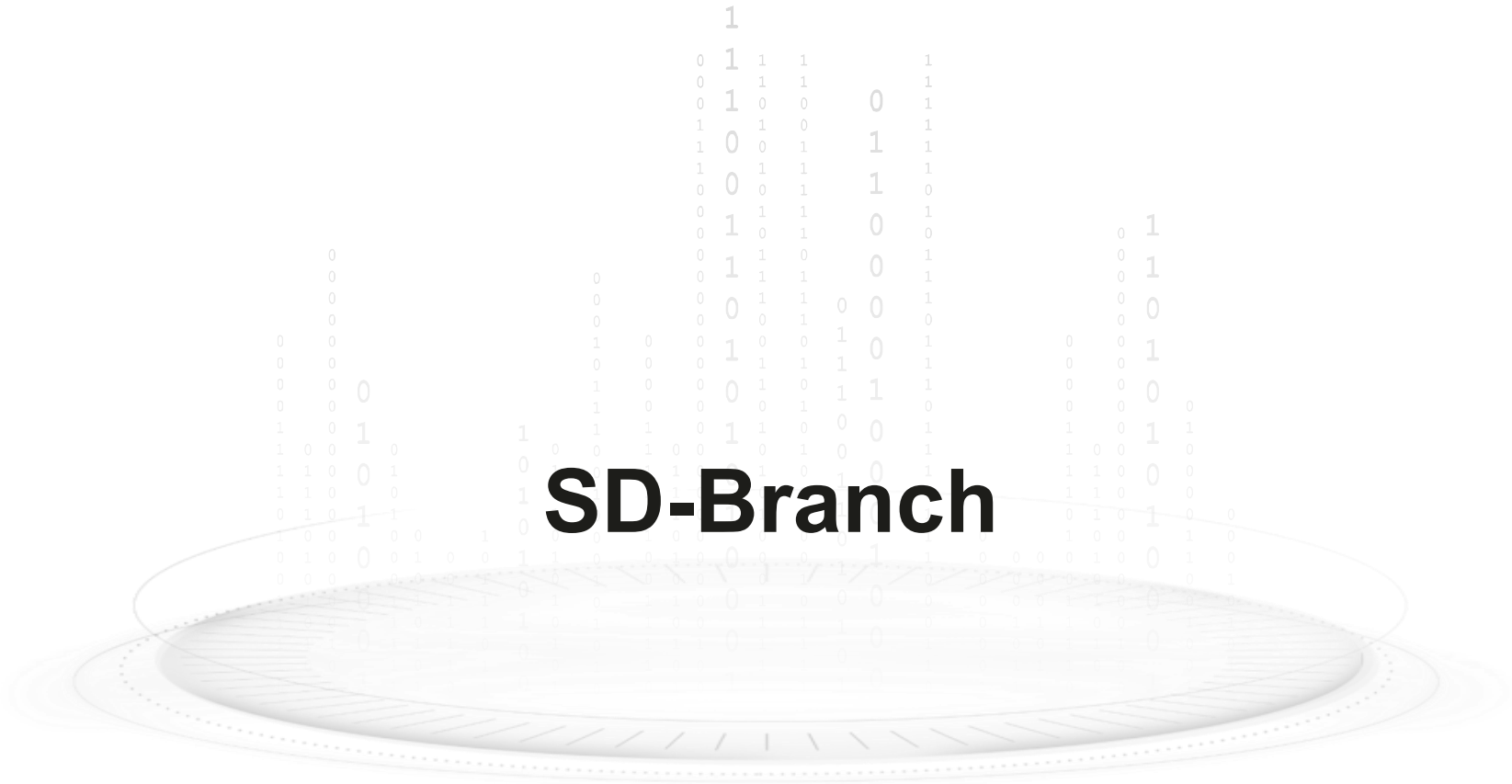
Building security patrols



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Huawei Proprietary - Restricted Distribution

HUAWEI

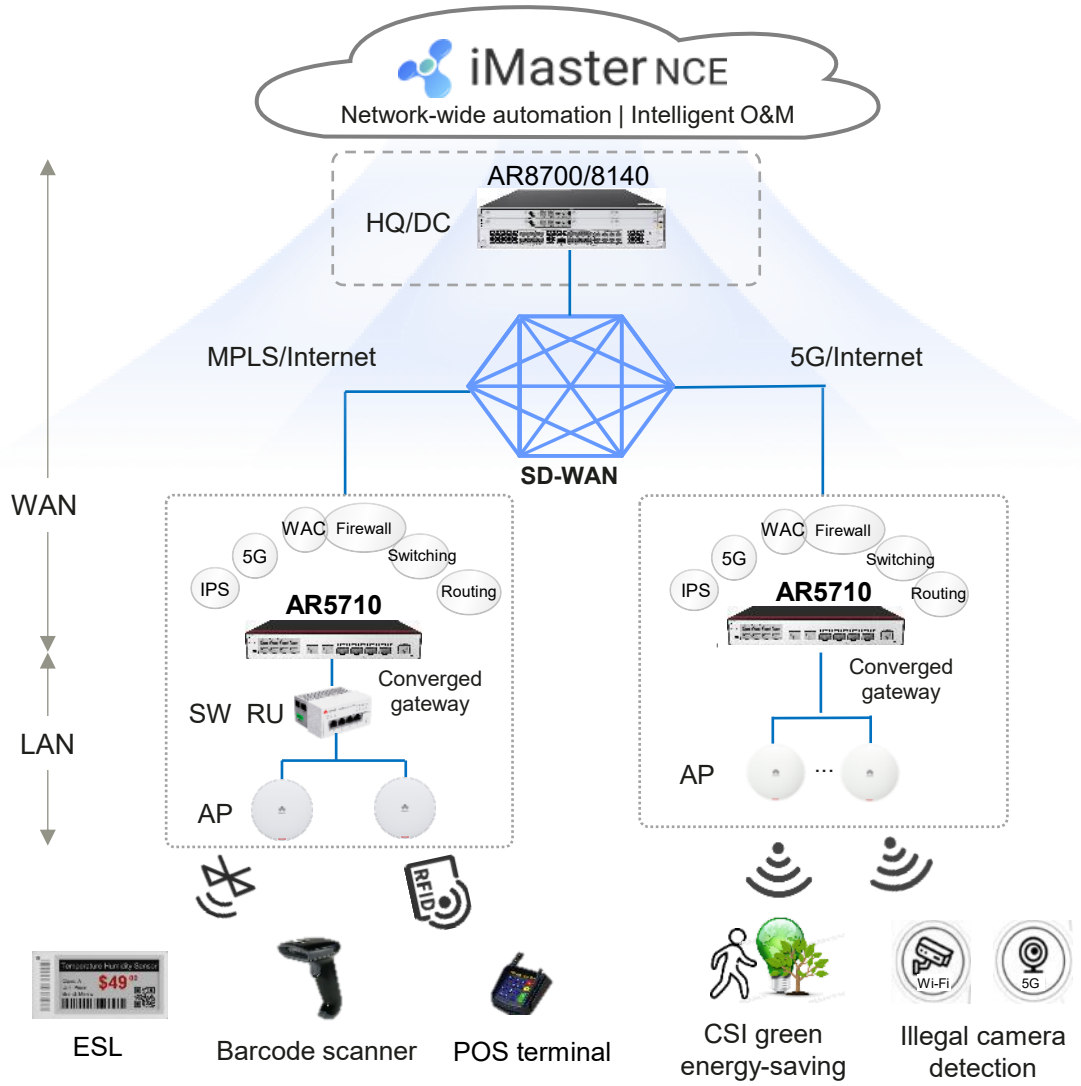


SD-Branch

HUAWEI

High-Quality Agile Branch Network SD-Branch: Ultra-Fast Service Provisioning + IoT Sensing Convergence for Retail

SD-Branch Network Architecture



Solution Benefits

1 Ultra-fast service provisioning

- Unified LAN-WAN management, enabling service provisioning **in minutes**, compared with **industry-standard hours**
- **One-scan global deployment** with true plug-and-play devices, **compared with no equivalent capability in the industry**

Technical control point 1: Runbook-based site-level full-service configuration

- Hierarchical templates + ESN-free input + hyper-converged gateway
- Unified LAN-WAN converged management platform

2 IoT sensing convergence

- Built-in IoT with no card and **no secondary onboarding** for retail

Technical control point 2: CSI occupancy sensing technology

- Collect CSI data for micro-motion sensing and human presence recognition
- Huawei's exclusive algorithms eliminate interference from devices such as air conditions and curtains.

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5G Ultra-Broadband Uplink Ensuring Service Continuity



5G all-in-one device (AR5700 series)



Outdoor 5G

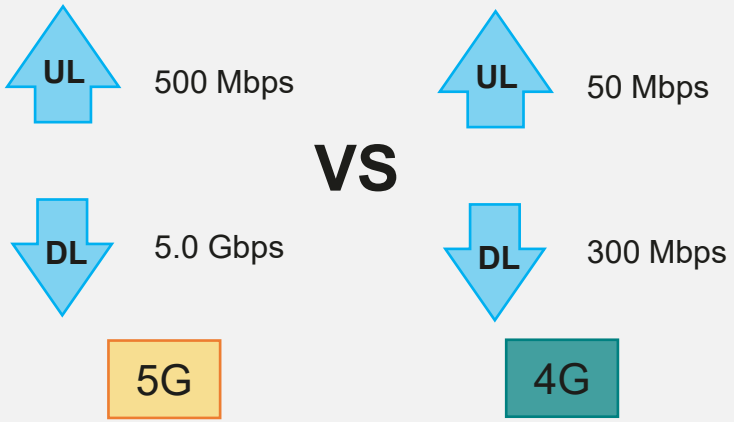


5G card



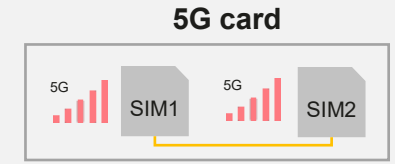
NetEngine AR6700/8000

Ultra-broadband uplink

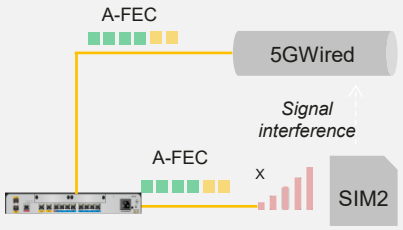


SA-architecture real-world test results: maximum one-way throughput with packet size > 1400 bytes

Multi-link redundancy for always-on services



Dual-SIM single-standby
Stable, long-lasting connectivity



Multi-link redundancy
Multi-link A-FEC, seamless switching

Single-chip multi-mode design for smooth evolution

Universal network compatibility for one-stop deployment



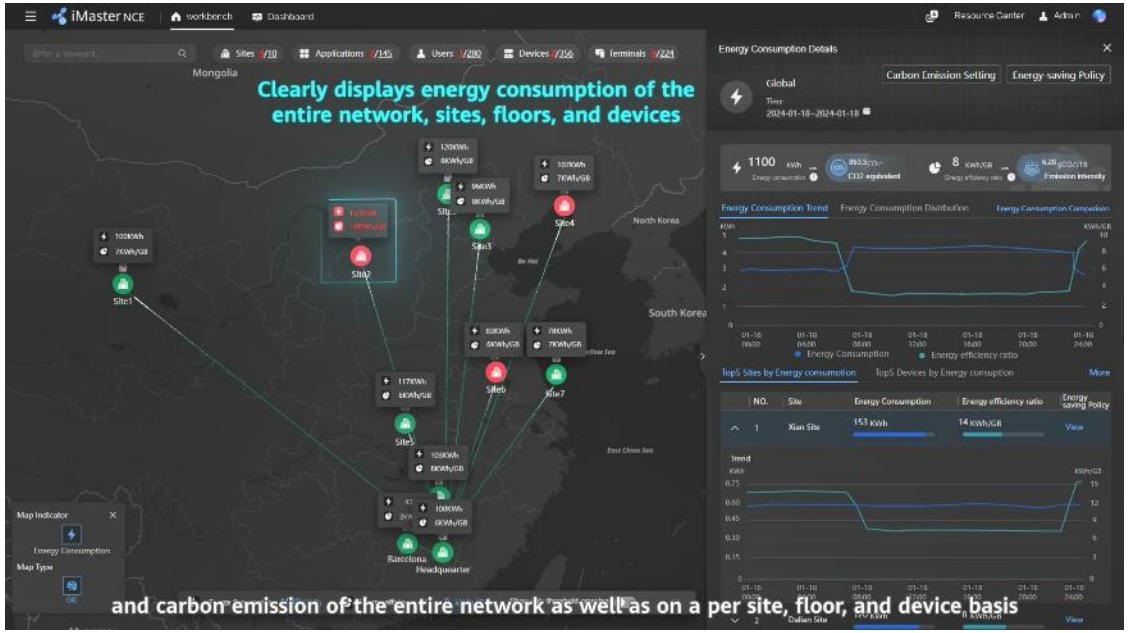
Dual-mode networking for smooth upgrades

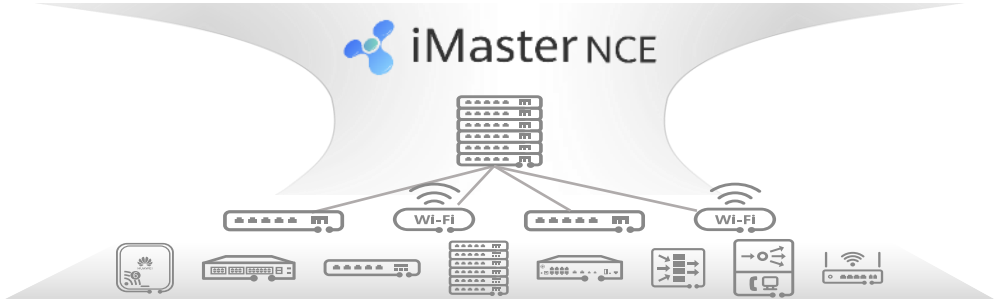


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Intelligent energy saving with a campus network digital map

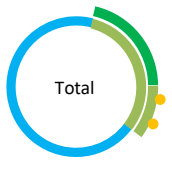
Campus network digital map



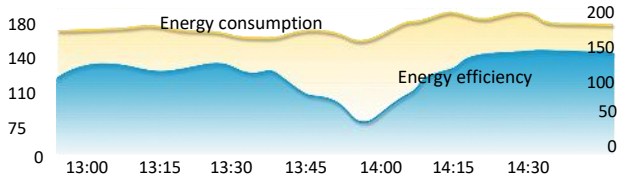


Visualized energy consumption

- Multiple dimensions: total, site, floor, and device

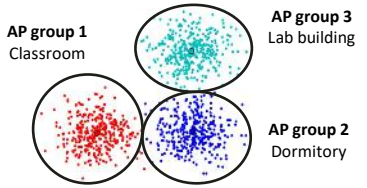


- Energy consumption and efficiency over different time periods

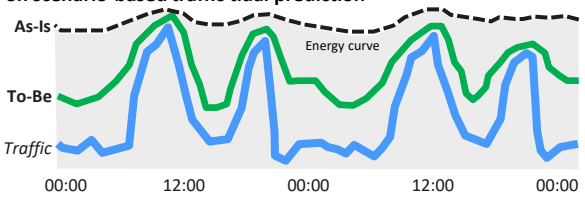


Dynamic energy saving

- AI grouping algorithm, identifying network usage scenarios

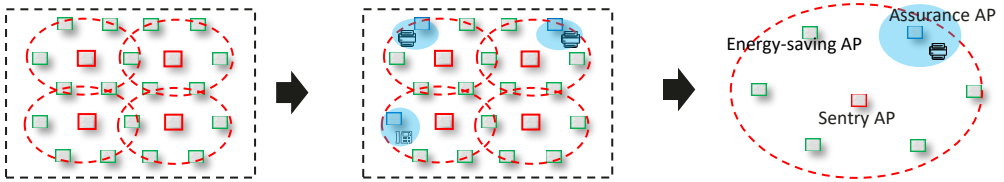


- Automatically recommending the optimal energy saving time window based on scenario-based traffic tidal prediction



Experience assurance

- Dumb terminal identification and always-online assurance
- Waking up sleeping APs when network traffic bursts, ensuring optimal user experience



Selecting assurance APs

Identifying dumb terminals to ensure they are always online

Automatic sleep/wakeup

Huawei Proprietary - Restricted Distribution

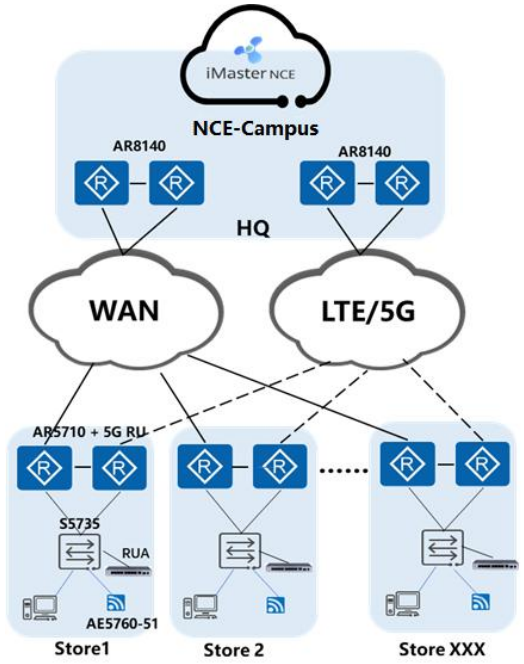
Müller: SD-Branch Helps Build a High-Quality Intelligent Retain Network

- Müller, founded in Germany in 1953, is one of the top five retailers, mainly selling goods for the German market directly across Europe, with annual revenue of around 4 billion euros.
- More than 900 stores in 7 European countries by 2023, with a trend of 50 stores per year, and increasing retail coverage

Challenges

- **Complex network management:** Multiple networks of stores come from different manufacturers and correspond to different management platforms. In addition, stores do not have professional IT personnel, making routine maintenance complex.
- **Difficulty in store deployment:** 50+ stores are opened every year, and the rollout of store operation software takes a long time.
- **High cost of private line expansion:** The store is connected to the HQ through MPLS and Internet. MPLS links are secure, but the lease cost is high.
- **Interruption of critical services:** As an important service, VoIP phones in stores are frequently interrupted, which severely affects the daily operation of stores.

Huawei Solution



- **Networking description:** The HQ uses dual gateways and multiple links, and multiple data centers are redundant, ensuring high reliability. Store branches use AR and remote modules, which are plug-and-play, save power supply, and easy to deploy.
- **ZTP deployment:** supports flexible deployment in multiple modes, minute-level network provisioning, template-based deployment, and unified configuration orchestration.
- **Link backup:** Multiple link types are supported. LTE/5G is used as the backup link for automatic route selection, reducing private line costs.
- **Service assurance:** Multiple intelligent traffic steering modes are supported based on applications, SLAs, link usage, and link priority. Detection and switchover can be implemented within 1s to 2s.

Customer Benefits

- **SD-Branch:**
  - **LAN-WAN convergence:** manages all devices in a unified manner, supports multiple authentication modes, and is compatible with old and new devices.
  - **Fast store network deployment:** Batch configuration for deployment and service provisioning in minutes
  - **Flexible networking:** Device plug-and-play, simplified networking, AR + 5G RU + switch RU, flexible adjustment, and fast cashiering.
  - **Ultimate cost:** Hyper-converged gateways, simplified networking, and LTE/5G interconnection are used, reducing MPLS link bandwidth utilization and bandwidth costs by 50%.
- **Stable and reliable:** Adaptive QoS and intelligent traffic steering can effectively identify mission-critical applications and ensure always-on store services.

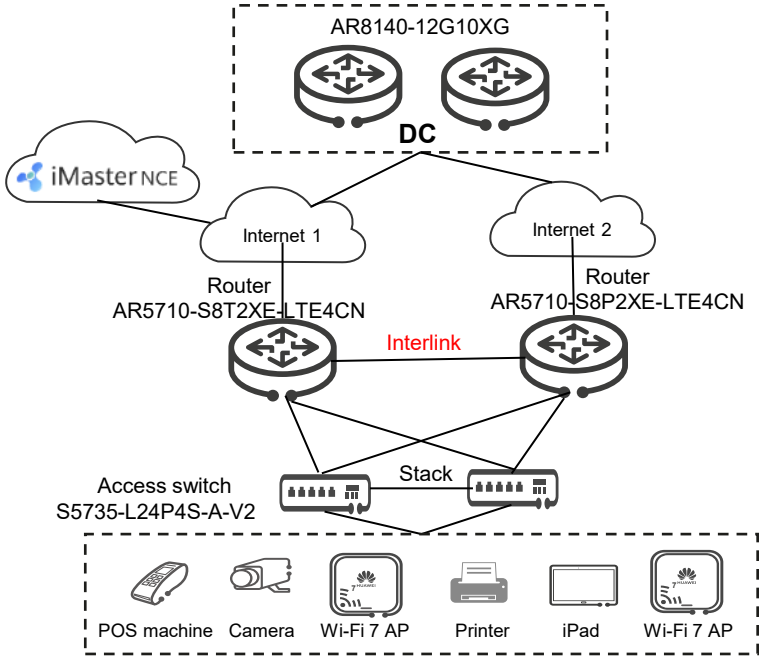
LVMH: Huawei SD-Branch Helps Set a New Benchmark for High-Quality Branch Network Construction

- Founded in 1987, world's largest multinational luxury enterprise
- Annual revenue of CNY671.17 billion in 2023 (YoY growth: 23%) with Asia (except Japan) being the largest market and China (34% contributions) being among the top markets
- 200,000+ employees worldwide (29,000+ employees in China)
- 75 sub-brands with over 5600 stores worldwide (over 2000 stores in China)

Challenges

- **Network connection stability:** unstable connections between different stores, hindering data transmission and service communication
- **Access permission management:** accurate permission setting for access to company resources for different stores
- **Network performance monitoring and optimization:** potential performance bottlenecks of real-time monitoring
- **Fast store network deployment:** fast store network deployment and flexible expansion required for easy operations

Huawei Solution



- **Networking description:** Two ARs in a dual-gateway store are connected to the carrier's network. Some stores use 4G links for backup. Two Ethernet cables are used to form an Interlink between two AR routers.
- **Rights- and domain-based management:** Management and control planes are separated for different subsidiaries or temporary accounts. Organizations can be divided for unified management.
- **Powerful networking capability:** Huawei solution supports multiple link types (multi-active links with active/standby), dual gateways (active-active), multiple topologies (including complex topologies with multiple hubs), and a maximum of 6000 tunnels per gateway.
- **Intelligent service assurance:** Traffic steering can be achieved based on the application, SLA, link usage, and link priority. Detection and switchover can be implemented within 1s to 2s.

Customer Benefits

- **SD-Branch:**
  - **LAN-WAN convergence** for one-stop management: AR + LSW + AP
  - **Fast store network deployment:** template-based configuration, service planning of 1000+ stores in only 1 day
  - **Flexible networking:** device plug-and-play, supporting flexible adjustment
  - **Network-wide visibility:** minute-level fault locating
- **Security management and control:** flexible permission management based on area networking, improving O&M security
- **Cost reduction:** hyper-converged gateway for simplified networking, reducing costs by 30%
- **Optimal experience:** SD-WAN intelligent traffic steering and adaptive QoS, ensuring experience of critical applications

Thank you.

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每个组织，构建万物互联的智能世界。

Bring digital to every person, home and organization for a fully connected, intelligent world.

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