

H3C

Corporate Presentation

www.h3c.com





H3C Profile

01



Key Milestones

The Leader in IP Solutions
November, 2003



The Leader in New IT Solutions
November, 2009



The Leader in Digital Solutions
May, 2016



The Leader in Digital Solutions



New IP Solution

New IT Solution

Digital Solution

Shareholders



**Joint Venture of
Tsinghua Unigroup and Hewlett Packard Enterprise (HPE)**

H3C at a Glance

H3C

Products & Solutions

Server

Big Data

Storage

AI Vision

Networking

Industrial Internet

Security

5G

HCI

Terminal

Software

Cloud

Intelligent Connectivity

90%
Invention

50%+
R&D staff

12,000+
Patents

14%
R&D
investment

**USD 11
Billion**
Annual sales
revenue
(2022)

20,000+
employees

R&D Centers, Sales and Service Offices



2

Headquarters

7

R&D Centers

50+

Sales and
Service Offices

18

Global Offices



Beijing Admin /
Marketing Headquarter



Hangzhou Operation
Headquarter / R&D Center



Beijing
R&D Center



Zhengzhou
R&D Center



Chengdu
R&D Center



Chongqing
R&D Center



Guangzhou
R&D Center



Hefei
R&D Center

South Africa Office @ The Campus in Bryanston

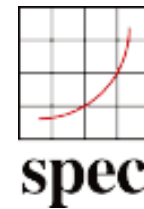


Expanding and Presence Worldwide



Also Supporting Customers for 'One Belt, One Road' Initiative Projects

Members of International Standard Organizations



Global Services Coverage

H3C

150+

Spare Parts Centers

500+

500 patent+

400+

Call Center Engineers
7x24x365 Support

2000+

ICT all technical domain experts



1,500+

1500+star-rated
certificate partner

20,000+

H3C Star-Rated
Certificate Engineer

100,000+

Technical support
cases

Market Share & Rankings in China



31.2%

Enterprise WLAN

21.5%

Cloud Management
Platform

22.4%

Domestic Brand
Server Virtualization

52.3%

Blade Server

16.8%

End User Admission
Domination

32.2%

SDN Software

25.2%

Network Management
Software

10.2%

Hardware Deployment
and Support Services

No.1

39.0%

Data Center
Switch

12.8%

IT Unified Operation
Software

H3C Switches



Data Center Switches



S12500X-AF Series

S12500G-AF Series

Core



S9820 Series

S9850 Series

S6850 Series

S6800 Series

Core/Aggregation



S6890 Series

S6800 Series

S6860 Series

S6805 Series

Access

Campus Switches



S10500X Series

Core



S7500X Series



S7500E Series



S6520X Series



S5560X Series



S5560S Series

Core/Aggregation



S5130S Series

S3100 Series

Access

SOHO Switches



1200 Series



1850 Series



5000PV3 Series

Industrial Switches



IE Series

H3C WLAN Products



Wireless Controller

High-end Access Controller series



AC Gateway and AC Card series



Wireless Access Point

High-end AP products

802.11ax / 11ac wave2 series



Mid-low end economical AP products

802.11 wave2 series/Cloud AP/Wall-jack



New Generation IoTAP

3-radio indoor/outdoor series



Wireless Access Point

New 11ax AP products



IoT Products



H3C Routers

H3C

Enterprise

Core



CR16000 Series

Aggregation



SR6600 Series

Branch



MSR810/830/2600/3600/5600 Series

Carrier/Service Provider

Backbone



P/PE

MAN



SR/BRAS/5G IPRAN

CPE



CPE

uCPE

vCPE

ICT Convergence Gateway



MSR3610-I



MSR3610-IE



SR6602-I



SR6602-IE

SOHO



MSR810/830 Series

Virtual Gateway

vSR



H3C Cloud



Industry solutions



Government Cloud



Education Cloud



Financial Cloud



Industry Cloud



Health Cloud



Cloud solutions for all industries

CMP Multi-Cloud Management

(Hybrid Cloud, Multi-cloud, Multi-DC)

CloudOS 5.0 Cloud Operating System

Resource Service

Operation Service

Application Service

Data Service

DevOps

Container Microservice HA Cluster

CAS Computing Virtualization



ONESstor Storage Virtualization



AD-DC Network Virtualization



HCI UIS
UIS Cell 3000/6000/9000

Cloud Security

Cloud O&M

H3C Security

H3C

Situation Awareness



Security Cloud Service



Risk Management



Website/Database/
Terminal Vulnerability Scan

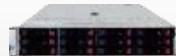


Bastion Host
A2000 Series

Security Management

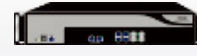


Security Management
Platform SMP



ACG Manager
NFV Manager
DLP Manager

Data Security



Database Audit
D2000



DLP

Boundary Security



Integrated Security
Gateway M9000
Series



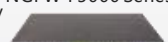
NGIPS T9000
Series



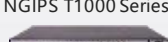
NEW
NGFW F1000-AI Series



NGFW F5000 Series



NGIPS T1000 Series



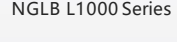
NGIPS T5000 Series



NGLB L5000 Series



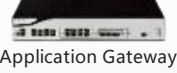
NGLB L1000 Series



ADE/NGFW/VPN/
NetStream Card Series



Isolation Gatekeeper
GAP2000 Series



Application Gateway



Anti-DDoS AFC 2000



Web Firewall W2000 Series



Isolation Gatekeeper
GAP2000 Series

Cloud Security



Virtual Intrusion
Prevention



Virtual Bastion Host



Virtual Web Firewall



Virtual Load Balancing



Virtual Firewall



Virtual Log Collector

Cloud Security



Sandbox



Webpage
Tamper-
proofing



Linux
Server
Antivirus



Windows Server
Antivirus



Terminal
Management

Security
Service

H3C Servers & Storage



R2000 G3 Series

Growth Enterprise



R2900 G3



R2700 G3

R6000 G3 Series

Large Enterprise



R6700 G3



R6900 G3

R8000 G3 Series

Large Enterprise



R8900 G3

G5 Servers

Mid-Large Enterprise



R4700 G5



R4900 G5



R4950 G5(AMD)



R6900 G5



B5700 G5(Blade)



X10000 Storage

Large Enterprise



X10516 G3



X10529 G3



X10536 G3



X10326 G3

R2000 G3 Series

Mid-Large Enterprise

Virtualization Distributed
Computing Storage, AI



R4900 G3



R4700 G3



R4300 G3

R5000 Series

DL/ML/AI



R5300 G5



R5500 G5

Blade G3 Servers

Mid-Large Enterprise



B5700 G3



B5800 G3



B7800 G3



B16000

iMC (Intelligent Management Center)



Dashboard

North-bound API

Service Layer

Network Mgt.

ACL Mgt.

QoS Mgt.

IPSec VPN (IVM)

MPLS VPN (MVM)

Service Mgt.

Traffic analysis (NTA)

Application Mgt. (APM)

Endpoint Mgt.

Endpoint Access (EIA)

Endpoint Profile (EIP)

Endpoint Admission (EAD)

Wireless Mgt.

Wireless Service (WSM)

Spectrum Analysis

Quality Evaluation

Wireless Troubleshooting

Plat Layer

Alarm

Report

Performance

Topology

Configuration



Network



Server



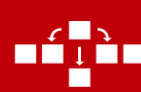
Storage



Virtualization



Database



Middleware



Application

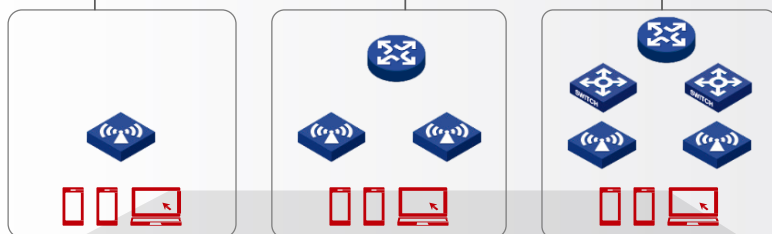


OS



Computer Room

Cloudnet Network Solution



Simplest Deployment ZTP on site

- ◆ Zero touch provisioning
- ◆ Stateless connection
- ◆ GUI setting, easy handle



Simplest Management Non-professional

- ◆ Unification, visualization
- ◆ Cloudnet App, Mobility
- ◆ AI/Big Data Empowerment



Value-added

- ◆ Portal ads, Agile operation
- ◆ Flexible authentications
- ◆ Restful API



Customer Reference

04



ZJ Rural Credit Cooperative Bank

Zhejiang Rural Credit Cooperative has a history of 67 years, and ZJRC is the financial institution with the most staff, the most extensive service scope and the largest capital scale in Zhejiang Province.

50M

Personal customers

81+

Services for city bank

5+

Unified

3500+

API

40%↓

time of network deployment

• H3C offers

- 4 Cloud, Development and Test Cloud / Production Private Cloud / Internet Finance Cloud / Financial Industry Cloud
- Business continuity (>99.9%)
- 240*DL 380 server

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BANK

People's Bank of China

—Clearing Center Intelligent Clearing Cloud

PBOC is the central bank of the People's Republic of China and a department of the State Council.

Clearing Cloud:

10+

Participating manufacturers

50+

Expert on site research

• H3C offers

- Next-generation private cloud data center
- Development test container PaaS cloud management platform
- Development test IaaS cloud management platform



NetsUnion Clearing Corporation (NUCC)

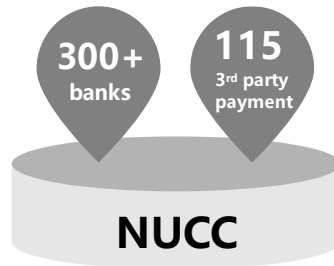
World record **180K**
transactions/second

300+
banks

115
3rd party
payment

99.99%
availability

6 Data Centers
meshed among **3** cities



Active-Active

• H3C offers

- Cloud platform
- 3500+ servers and virtualization (10K+ VMs)
- Prompt delivery in only 20 days for all data centers

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Tencent

One of the largest social media (owner of WeChat) and gaming companies, most valuable technology conglomerates.

1058M
MAU of WeChat

40%+ YoY
Daily transaction volume

800M
MAU of payment

45 zones
Operated for Tencent Cloud

• H3C offers

- **50K** SDN switches
- **20K+** servers and virtualization into **800K+** VMs
- **Global Tier 1 partner** in overseas expansion
- Award of Best Supplier of Year in 3 consecutive years (2016,2017,2018)



Zhengzhou High-Tech Zone

City Digital Brain helps Zhengzhou High-Tech Zone to build a Smart City
"Proving Ground".

99km²

"Proving Ground"
for Smart City

COVID-19

Deep cooperation for resumption
of production

Five-in-One

New Smart City Operation &
Command Center

350,000

Residents

• H3C offers

- Enterprise-level products such as server, storage, cloud computing and information security
- Industry solutions for government, technology solutions such as big data and cloud computing

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Hong Kong-Zhuhai-Macao Bridge

The world's **longest** sea-crossing bridge, **55 km** long, including 22.9 km of bridges and 6.7 km of undersea tunnels.

50% ↓
Maintenance cost

40% ↑
Security and reliability

30% ↑
Business processing efficiency

8-second
Fast customs clearance

• H3C offers

- Undertaking **90%+** efficient and intelligent SDN IT infrastructure platform
- For smart weak current management system, safety system, emergency command system, smart artificial island system, smart parking lot, passenger inspection center, cargo inspection, customs, border inspection and safety service

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Beijing Government Cloud

The unified government cloud management platform will promote various cloud service and provide professional services for various industries.

75

Commission office

1000+

Business systems

50+

Business synergy

50%↓

Cost

• H3C offers

- Overall planning resource sharing and enhance security
- 81 Services and Complete Government Cloud Solution
- Deploy a situational awareness system to assess the security situation, predict the trend, predict the behavior and control risk



Shandong University

One of the top universities in China with 60,000+ students & staff in its 8 campuses. It is Class A Double First Class university.

One
Uniform network

10000+
Online uses capability

7000+
Wireless APs

30%↓
Time of network online

• H3C offers

- New generation campus solution – AD-Campus
- 2000+ switches & 7000+ 802.11ac Wireless APs
- Optimize user and wireless experience
- Solo WLAN supplier in Qingdao Campus



Tsinghua University

No.1 university in China and ranks 15th in the world, Tsinghua University has been regarded as the most reputable Chinese university globally.

9000+

APs in 156 buildings

100G

Personal storage

IPv6

Uniform network

10 Years

Cooperation

• H3C offers

- Intellectual cloud fabric IPv6 100G network based on SDN
- Comprehensive education cloud based on neutral architecture—OpenStack, KVM and Ceph
- Service provision to 50,000 students and teachers from IaaS to PaaS



Hanergy Holding Group

Global clean energy multinational company and a Global leader in thin-film solar power. "Most Innovative Enterprise in the World" .

10GW

Solar power station

NO.1

Solar power leader and pioneer

4.0

Industry factory

40%↓

Development cycle for new products

• H3C offers ▶

- Full-process networked automatic operation to realize intelligent production
- Industry 4.0 network and MSE network
- Intelligent product lifecycle management
- Reduce production interruption time by more than 80%
- Builds intelligent operation, product intelligence, production intelligence



H3C

Yangtze Memory Technologies (YMTC)

Promoting the Mass Production of China's First 64-Layer 3D NAND Flash Memory.

NO.1

Flash memory chip provider in China

2.46M m²

Overall construction area

3

FAB factories

\$1.2B

Investment in 2019

• H3C offers

- Server, storage, Wireless Local Area Networks (WLAN), information security exclusively
- Cloud computing, AD-NET (SDN & NFV)
- Backbone network with 40G bandwidth
- Two DC to realize disaster recovery
- Intelligent, efficient and reliable Network



H3C

The Big Russian Encyclopedia

The Big Russian Encyclopedia is a well-known scientific publishing house in Russia.

A Nationwide

Scientific and educational
encyclopedia interactive portal

GE+10GE Smart

Product Solution

• H3C offers

- H3C S5560/S6800 series switches guarantee high reliability and performance as well as good scalability
- H3C S5560/S6800 series switches to guarantee the smooth operation of devices even in extreme conditions to reduce TCO

The right side of the slide features a large, circular graphic. Inside the circle is a close-up image of the cover of 'The Big Russian Encyclopedia'. The title is written in large, gold, Cyrillic letters on a dark background. Below the title, there is a red circular logo with the white text 'H3C'. The background of the slide is white with a large, light gray circular arc on the left side and a large red circular arc on the right side, framing the central content.

Medical Corporation Sapporo Heart Center

Hokkaido Sapporo Heart Center is the top five cardiology center in Japan and its cardiovascular catheter treatment has become the highest level in Japan.

74

Beds

2K+

Terminals

40G

Core Bandwidth

1G

Terminal Access

• H3C offers

- One-stop computing, storage, network, security deployment.
- Consistent policies across network
- Single network for wired, wireless and IoT access.
- Agile and intelligent medical system for service

H3C



Nigeria's Four Major Airports

Nigeria is the largest economy in Africa. Peacock-blue hot springs in the jungle and abundance of minerals.

17 million

Total number of passengers

1

Abuja, one of the largest airports

56,000m²

Modern passenger terminal

4.5 million/year

Passenger throughput

• H3C offers

- New digital technology experience with innovative network solutions
- Reliability and stability of core network with dual links construction of access network and IRF2
- Innovative technologies were used in the construction of three airports in Port Harcourt, Lagos and Kano

H3C



General Taxation Administration(AGT)

Angola is not only an important African trading port, but also a major oil country in Africa.

117.2

Billion kwanzas VAT

158.4

Billion kwanzas customs VAT

• H3C offers

- Multidimensional integrated security protection gateway
- Efficient new generation cloud data center General Taxation Administration (AGT)
- Automate operation and maintenance through IMC management platform



Boten-Vientiane Railway, Laos

The section Railway is part of The China-Laos Railway, which is a landmark project featuring regional inter-connectivity under the "Belt and Road" Initiative. It is vital for transforming Laos from a "land-locked" country into a "land-linked" country, comprehensively building the China-Laos economic corridor.

• H3C offers

- End-to-End network and security solution for customer, such as routers, switches, firewalls etc
- Various network devices: 150+



H3C



THANKS

www.h3c.com