Enabling Digital Transformation with Scenario-based Solutions
Scenario1 | Synergy Working
IT Challenges of Resilient Organizations

Resilient Organizations

<table>
<thead>
<tr>
<th>Organization Transformation</th>
<th>Working Space Rebuilding</th>
<th>IT Facility Innovation</th>
<th>Working Experience Improvement</th>
<th>Security Enhancement</th>
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<tr>
<td><strong>H3C Products &amp; Solutions</strong></td>
<td>Secure Access and Service Edge (SASE) for multi-branch inter-connection</td>
<td>High-performance and the surge of Bring Your Own Devices (BYOD) for secure access</td>
<td>Interacting among multi-screen: mobile equipment, PCs and projectors for efficiency</td>
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<td>▪ H3C EIA and EAD AAA Solutions (NAC, Network Access Control)</td>
<td>▪ H3C MagicHub, the Smart Screen</td>
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Secure Access and Service Edge (SASE) for multi-branch inter-connection

High-performance and the surge of Bring Your Own Devices (BYOD) for secure access

Interacting among multi-screen: mobile equipment, PCs and projectors for efficiency

- H3C Cloudnet (Cloud-based Networking Management)
- H3C AD-WAN branch (SDWAN)
- H3C MSR 5G branch routers
- H3C EIA and EAD AAA Solutions (NAC, Network Access Control)
- H3C MagicHub, the Smart Screen
H3C Cloudnet SaaS for SASE

Cloud-based Management
- Unified wire & wireless management
- Pay as business grow
- Web GUI or APP three steps deployment

SaaS in Public Cloud
- Azure SaaS management solution
- Anytime, Anywhere, Available
- End-to-End security

SD-WAN Available
- Zero-touch provision
- Zero-Trust security
- Application-aware intelligent traffic steering

H3C Cloudnet & SD-WAN

Home
5G Router
Branch office
HQ
H3C 5G Routers for Multi-Branch Networking

H3C MSR1000 Series
5G Router

1 Gbps
Max IPsec Performance

9 Mpps
Max IP Throughput

5G
18
5G Spectrum
4G LTE Backward Compatible

-40~70°C
Working Temperature

TOGETHER,
FOR A DIGITAL FUTURE
H3C Network Access Control Solution for Mobile Working

User-oriented Policy
- Flexible access anywhere, anytime, any device
- Access policy accompanying with subscriber
- Consistent experience for mobility

Large-scale Deployment
- 16000 H3C internal users
- High concurrency and burst surge, 5000+ per minute
- More than 25000+ terminals on line

Comprehensive NAC
- EIA for user and terminal access control
- EAD for terminals security, anti-virus, network behaviors monitoring etc.
- Ecological cooperation, ClearPass, LDAP etc.
H3C MagicHub for Multi-Screens Inter-Acting

- 8K Resolution
- 8K UHD Video Recording
- 8K Video Stream Transporting

H3C MagicHub
Light Up Your Working and Meeting Experience

- One-click Appointment
- Automatic Reminder
- File-sharing
- Wireless Screen sharing
- Real-time White-board Hand Writing
- UHD Screen
- AI Powered Meeting-Minutes
- Follow-up Action Sync up

TOGETHER, FOR A DIGITAL FUTURE
The H3C Edge-to-Cloud Total-Solution Lights up Working,
Redefine the Future of Work.
Scenario 2 | Innovative Education
Digital Challenge of Innovative Education

School of Information Age

- Difficulty in knowledge acquisition
- Boring teaching activities
- High Capex and Opex of desktop PC
- Data security, information property and copyright risk

School of Digital Age

- Education equity
- Full-digital education
- Simplified and affordable digital facilities
- Knowledge on cloud

As-is To-be
Knowledge on Cloud: H3C Learningspace Solution

Digital Schools
- Digital-based Knowledge
- Knowledge on Cloud
- Digital Teaching and Learning
- Low TCO IT Facilities

Education IT Stack
- Learning Management System (LMS)
- H3C Virtualized Desktop of Win10, Linux
- Computing Networking Terminals

H3C Learningspace Solution
- H3C Learningspace Software
- H3C Private-Cloud Cloud OS+CAS+ONEstore
- H3C VDI/VOI hybrid Architecture
- H3C Servers
- H3C WiFi Networking
- H3C Magic Hub
TCO Saving of H3C Learningspace

60% Cost saving

$200K+/year in 5 years lifecycle

1000 PC scale

$1M in 5 years lifecycle

TCO Saving of H3C Learningspace

KUSD

<table>
<thead>
<tr>
<th></th>
<th>Desktop PC</th>
<th>Learningspace</th>
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<tbody>
<tr>
<td>Capex</td>
<td>63</td>
<td>75</td>
</tr>
<tr>
<td>Opex(1 Year)</td>
<td>26</td>
<td>3</td>
</tr>
<tr>
<td>TCO(5 Years)</td>
<td>90</td>
<td>192</td>
</tr>
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TOGETHER, FOR A DIGITAL FUTURE
Boost Academic Connectivity: H3C Wi-Fi 7

- **Spatial Streams MU-MIMO**: Wi-Fi 6: 8x8
- **Concurrency Session**: Wi-Fi 6: 200
- **Latency**: 5ms
- **400+ Concurrency Session**
- **The Max Negotiable Rate**: Wi-Fi 6: 9.6Gbps
- **Maximum Channel Bonding**: Wi-Fi 6: 160MHz

- **256 Spatial Streams**
- **46.08 Gbps**
- **320 MHz**
The Switch of Silence: H3C S5130S

- **FANless Design**
  - Max Noise: 29db
  - Energy Saving: 12%

- **Powerful PoE+**
  - 802.3bt POE++ Power for Single Port: 90w
  - Total PoE Power: 370w

- **Surge Tolerance**
  - 10k voltage
The H3C Learningspace and Innovative Networking for Anyone, Anywhere, Anytime, Unlock Knowledge for A Promising Future
Scenario 3 | Efficient Healthcare
Digital Challenge of Healthcare

3 Scenarios

6 Irrelevant Systems

5 Pain-Points

- Overlap Investment
- Difficult Scalability
- Complicated O&M
- Slow Business Launch
- New Technology-unfriendly
H3C Hyper-Converged Infrastructure : UIS7.0

- Cloud Native Architecture
- All Cloud Stack in ONE Box
- Integrate Multi-type of Storage
- Intelligent O&M
- High-density Computing/Storage Design

UIS 3000 G5 SMB
UIS 6000 G5 HPC
UIS 9000 Private Cloud
The Value of H3C UIS7.0

- High Reliability
- Extreme Performance
- ABC Friendly
- On-demand Scalability
- Simplified Management

Distributed buffer pool
All Flash resource pool
IO localization
NVMe over RDMA
RBD
Intelligent acceleration

DRS
DRX
Hot migration
HA
Redundancy
Agentless antivirus

TOGETHER,
FOR A DIGITAL FUTURE
The Value of H3C UIS7.0

- High Reliability
- Extreme Performance
- ABC Friendly
- On-demand Scalability
- Simplified Management

Efficiency Improvement: 61%
Simple and intelligent O&M

TCO: 60%
Lower TCO in 5 years

Deployment Time: 80%
Quickly installing and bring-up

TOGETHER,
FOR A DIGITAL FUTURE
The H3C Unified Infrastructure System 7.0
Constant Structure for Ever-Changing Business
Enabling Trustworthy Medical Services
Scenario 4 | Reliable Public Service

Top 3 Challenges

- Service Efficiency
- Capex & Opex
- Cyber Security
Hybrid-Cloud is the Future of Smart City

City of Information Age

- O&A
- Traditional Private DC A
- Firewall A
- Public Office

- O&A
- Traditional Private DC B
- Firewall B
- Town Hall & Council

- O&A
- Traditional Private DC C
- Firewall C
- Community

City of Digital Age

<table>
<thead>
<tr>
<th>O&amp;A</th>
<th>Public servant management</th>
<th>Resident service</th>
<th>Public operation</th>
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<tbody>
<tr>
<td></td>
<td>Private cloud DC</td>
<td>Disaster backup DC</td>
<td>Public cloud DC</td>
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</table>

As-is To-be

- System Service
- Unified resources
- Unified user
- Unified jurisdiction
- Data collection
- Self-monitoring
- Disaster recovery backup

- Unified deployment

- Host OS, K8s, Docker, Matrix, Database, Middleware

H3C Confidential & Partner Only

Together, for a Digital Future
The Value of H3C Intelligent Digital Platform

- **Cloud and Intelligence Platform**
  - Oasis1.0, BigData Platform (PaaS)
  - CloudOS5.0, operation system
  - CAS7.0, virtualization
  - UIS7.0, hyper converge
  - Learningspace/workingspace
  - ONEStor3.0, SD-Storage
  - 20%~30% Rack space saving

- **Active Security**
  - Cloud Security
  - Zero-Trust
  - Firewalls
  - IPS/IDS
  - 23k+ Vulnerability

- **Unified Operation & Management**
  - iMC, Intelligent NMS
  - U-Center, ICT infrastructure O&M platform
  - 40% Opex efficiency Improving

- **Digital Infrastructure**
  - Comware, Networking OS
  - Intelligent Connectivity
  - Intelligent Computing
  - Intelligent Storage
  - 20%~40% Power consumption reducing
Together,
for an Intelligent and Green Digital Future
THANKS

TOGETHER, FOR A DIGITAL FUTURE