

High-density AP AirEngine 6776-56TP



7.89Gbps air interface rate, built-in smart antennas, dual 5G supported.

Ports Specifications

1x 5GE electrical port (PoE-In), 1x GE electrical port (support PoE-Out)

Indoor Settled AP AirEngine 5773-21



Compact, high-performance AP

Device rate: 3.57 Gbit/s. Smart antennas double the signal strength at the same location.

Ports Specifications

1 x 2.5GE electrical port (PoE-In).

IoT & Wi-Fi Dedicated AP AirEngine 6776-58TI



Diversified scalability

Built-in IoT chip, dual PCIe card slots and USB port, supporting IoT expansion such as BLE, ZigBee, and RFID.

Ports Specifications

1 x 5GE electrical port (PoE-In) and 1 x GE electrical port(PoE-In).

Outdoor AP AirEngine 5776I-X6EH



Industrial-Grade

IP68, an operating temperature range of -40°C to +70°C, 6kA surge protection for Ethernet ports, and zero roaming.

Ports Specifications

1 x 10GE optical port, 1 x 2.5GE electrical port (PoE-In).

Firewall HiSecEngine USG6615F



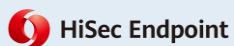
Excellent Performance

Industry-leading performance when the FW, SA, IPS, and AV are all enabled.

Intelligent Defense

Intelligent detection enables the detection rate of unknown threats to > 95%.

Endpoint Security



Access Security (NAC+ZTNA)

Intranet Compliance Access and Zero Trust Network Access Integrated Deployment.

Data Security

One-click automatic rollback of encrypted ransomware files.

Network Controller iMaster NCE-Campus + iMaster NCE-CampusInsight



Three-layer status awareness

One-map visualization of user/terminal, application, and network experience.

Minute-level AI troubleshooting

Client journey playback by space and time.

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Challenges

The production process involves many steps, and uninterrupted production requires highly reliable networks



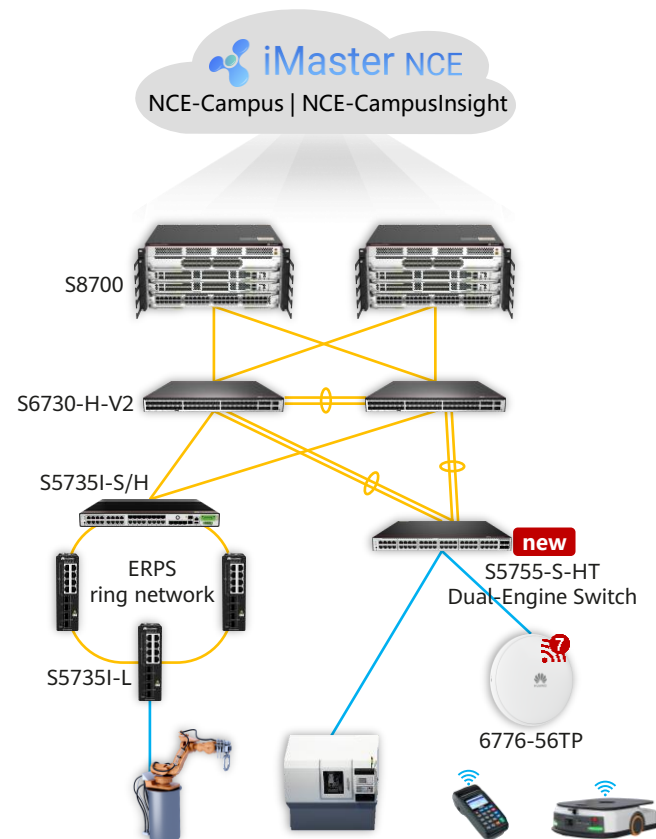
The interruption of material supply caused by AGV roaming will significantly reduce production efficiency



Outdated system of the device, risk of virus intrusion, and lateral spread, causing great damage



Solution



Highlights



High Reliability

- 1U dual-engine switch, improving the reliability of single uplink access
- Industry's fastest 10ms ring network protection, 4ms command cycle, no loss of PLC commands



High Quality

- Unique AFSN technology, which supports 128 APs to form a virtual AP, and Zero-Roaming for AGVs
- 20+ Zero-Roaming APs, covering a wide range of scenarios,



High Security

- IT & OT converged network security, fine-grained isolation, and precise blocking
- Identification and control of 27+ industrial control protocols
- Intrusion detection and prevention for 100+ industrial control systems

Products

Dual-Engine Switch CloudEngine S5755-S-HT



High service reliability:

Dual-plane design, achieving sub-second service recovery upon faults.

Zero downtime upgrade:

The dual engines are upgraded one by one, and the switchover during the upgrade process takes only 1 second.

Industrial Access Switch CloudEngine S5735I-S/H



High reliability:

ERPS < 10ms, and network slicing supports multi-service bearing.

High bandwidth:

2/4/6-port 10GE uplink.

Industrial Access Switch CloudEngine S5735I-L



High Reliability

-40°C~75°C/IP41/dual power supplies/industrial-grade/natural heat dissipation.

Plug-and-Play

10GE to the production line, configuration-free identification of VLAN, ring network, and industrial protocols.