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01 MAIPU BD-LAN SOLUTION HIGHLIGHTS

- Automation
- NetworkSecurity

NetworkInsights



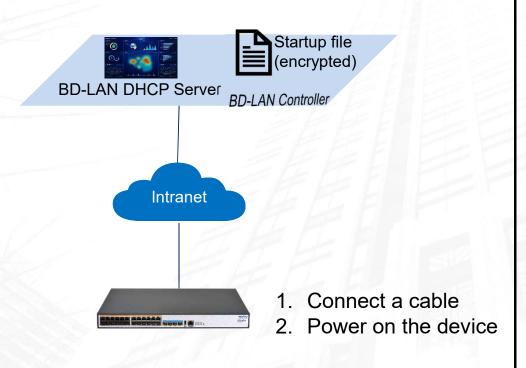


Automation

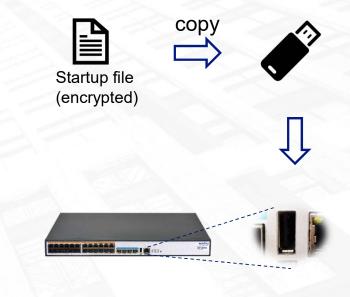


AUTOMATION: ZERO TOUCH PROVISIONING





Method 1: ZTP with DHCP Server



- 1. Plug in the USB flash driver
- 2. Power on the device

Method 2: ZTP with USB Flash Driver

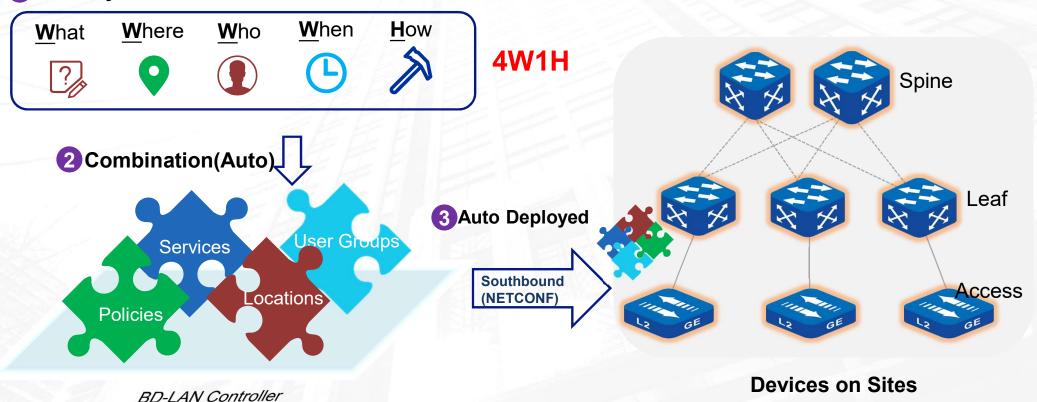




AUTOMATION: SERVICE AUTO IMPLEMENTATION

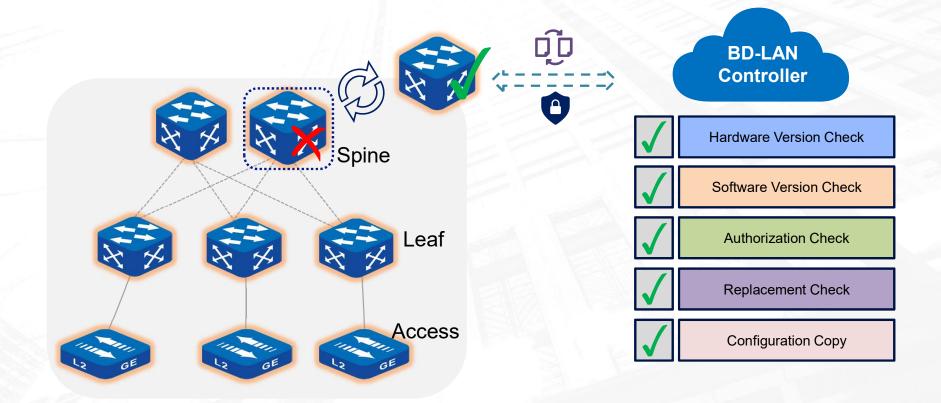


1 Define your services on BD-LAN Controller



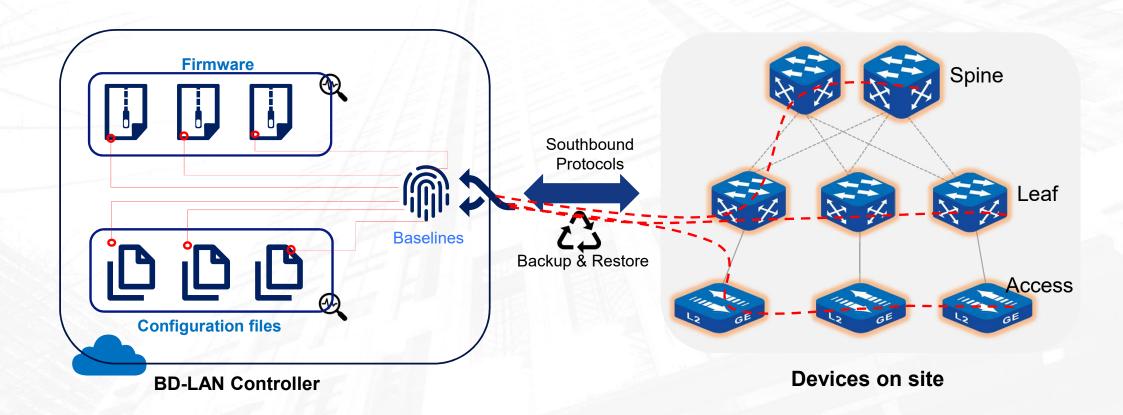
AUTOMATION: ONE-CLICK REPLACEMENT





AUTOMATION: AUTO UPGRADE/CONFIGURATION BACKUP







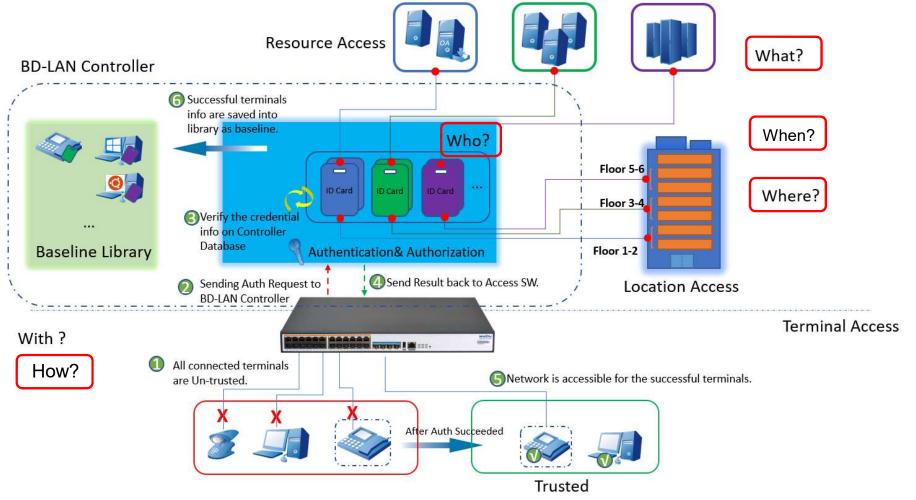
Network Security (Zero Trust Access)





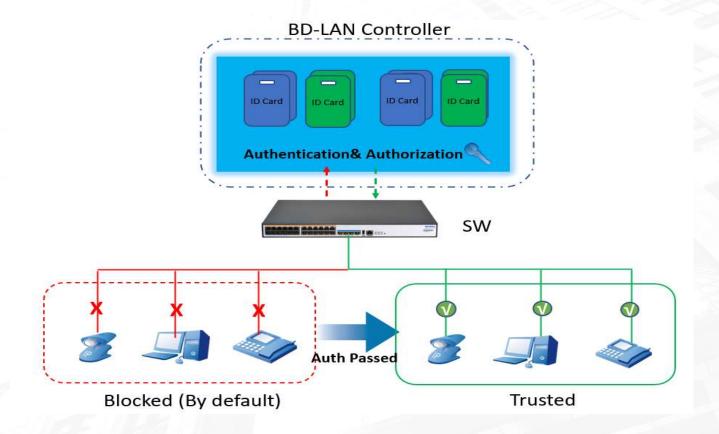
NETWORK SECURITY: ZERO TRUST NETWORK





NETWORK SECURITY: ZERO TRUST NETWORK

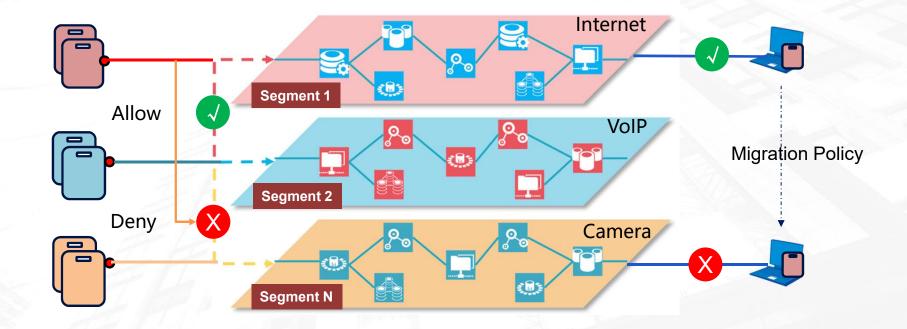






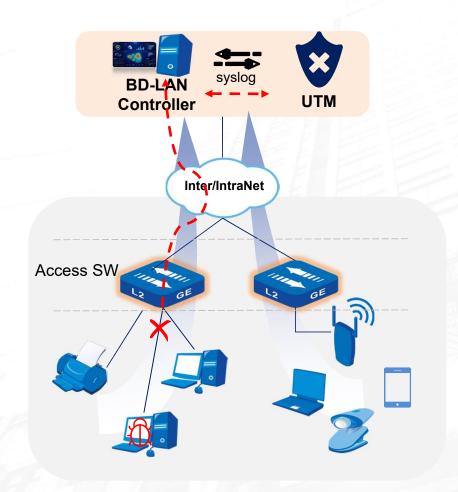
NETWORK SECURITY: SEGMENT NETWORKS

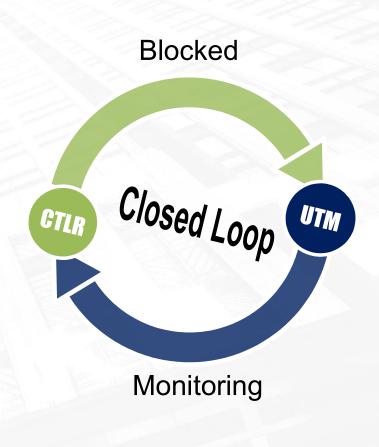






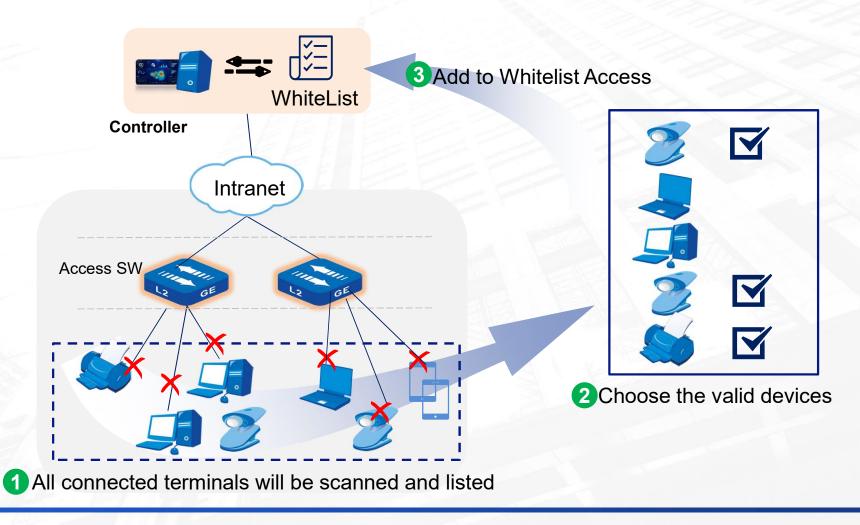
NETWORK SECURITY: CONTINUOUS MONITOR & AUTO DEFENSE





NETWORK SECURITY: FAST WHITE-LIST ACCESS







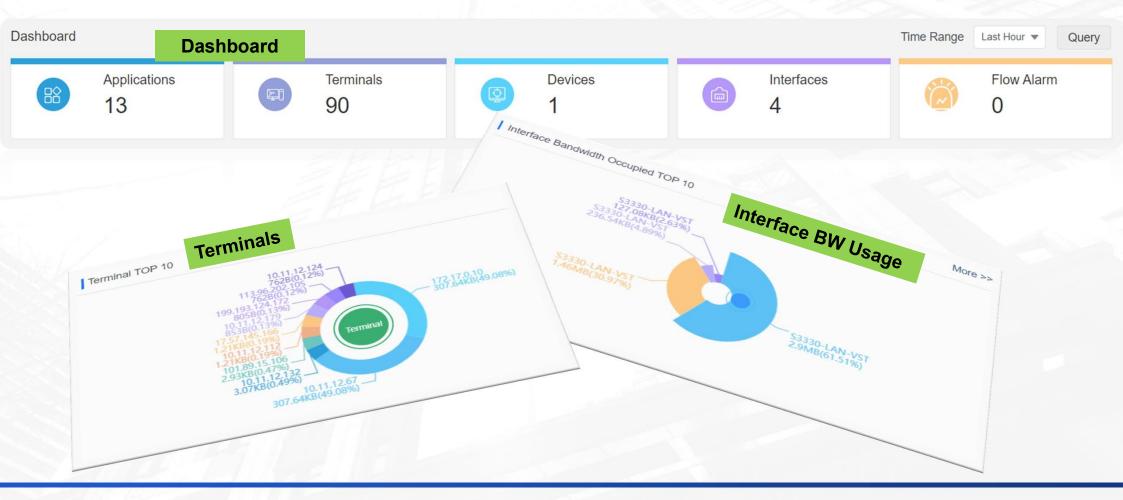
Network Insights





NETWORK INSIGHTS: FULL-DIMENSION REPORTS

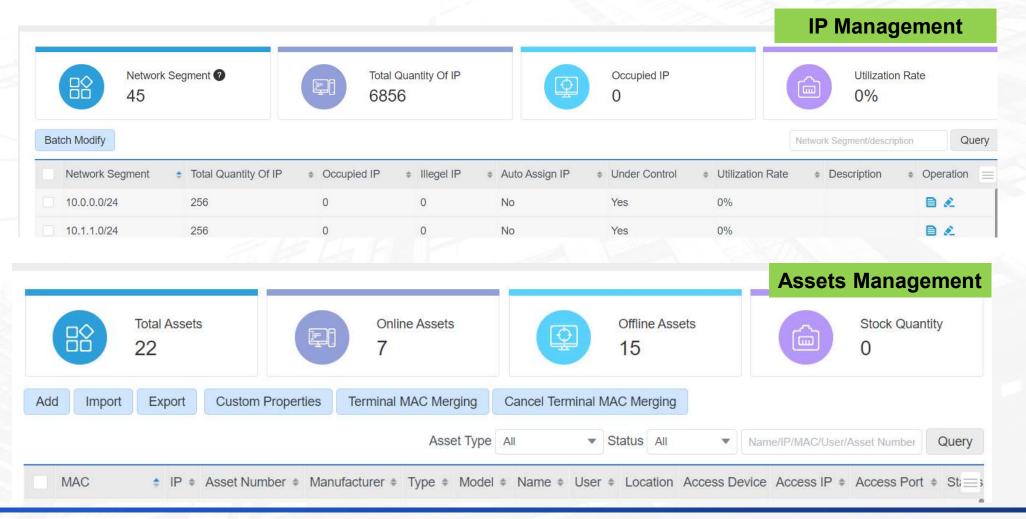






NETWORK INSIGHTS: SMART MANAGEMENT

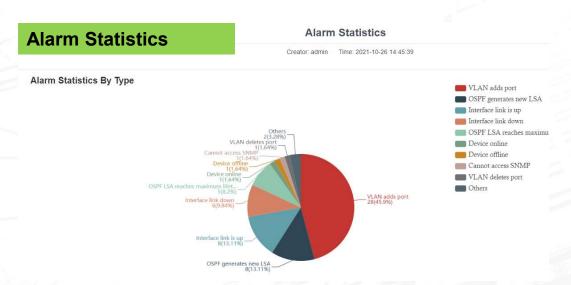






NETWORK INSIGHTS: MONITORING AND TRACKING







admin	10.11.12.177	user login	2021-10-29 19:21:20	Details	user admin login. Syslog Trac	king
admin	10.11.12.177	delete report task	2021-10-29 11:32:26	Details	user admin deletes the report task,task name: [Wireless User Report]	
admin	10.11.12.177	add report task	2021-10-29 11:28:18	Details	user admin adds a report task,task info: task name is 【Wireless User Report】, re	eport type is
admin	10.11.12.177	delete report task	2021-10-29 11:27:52	Details	user admin deletes the report task,task name: [linkcheck]	
admin	10.11.12.177	delete report task	2021-10-29 11:27:52	Details	user admin deletes the report task,task name: [traffic monitor]	



COMPARISON: BD-LAN VS. CISCO DNA

Features	Maipu BD-LAN*	Cisco DNA
ZTP	\checkmark	\checkmark
Network Design	\checkmark	\checkmark
Device Provisioning	\checkmark	\checkmark
Centralized management	\checkmark	\checkmark
Auto Config file Installation	\checkmark	\checkmark
Auto Firmware Upgrade	\checkmark	\checkmark
End-to-End Segmentation	\checkmark	\checkmark
Terminal Security	\checkmark	\checkmark
Visibility	\checkmark	\checkmark
NetFlow Monitoring	\checkmark	\checkmark

^{*}Maipu BD-LAN solution only requires software license on the controller side;



MAIPU



02 MAIPU BD-LAN PRODUCTS PACKAGES





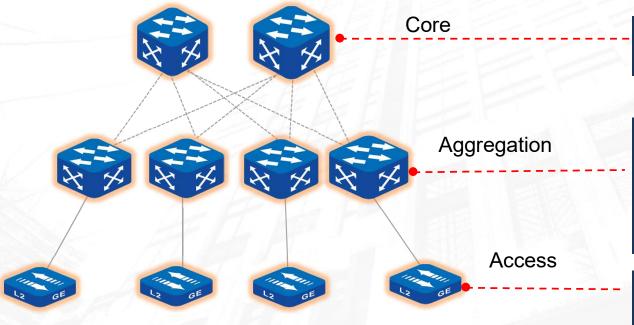
BD-LAN

Controller





Maipu BDLAN Controller



MAIPU NSS18500-04/08*, NSS6600-04/06

MAIPU

NSS18500-04/08*, NSS6600-04/06 NSS5810-54XQFP, NSS5810-30XQFP NSS5810-50TXFP, NSS5810-26XF NSS5830 Series*/NSS5930 Series*

MAIPU S4330/S4230/S3330/S3230 NSS4330/NSS3330

* The related models will be supported soon







Maipu BDLAN Controller



VXLAN

VXLAN

Aggregation

NSS18

NSS58

NSS58

NSS58

NSS58

NSS58

Access

3rd-part

NSS18500-04/08*, NSS6600-04/06

MAIPU NSS18500-04/08*, NSS6600-04/06 NSS5810-54XQFP, NSS5810-30XQFP NSS5810-50TXFP, NSS5810-26XF NSS5830 Series*/NSS5930 Series*

3rd-party Devices

* The related models will be supported soon

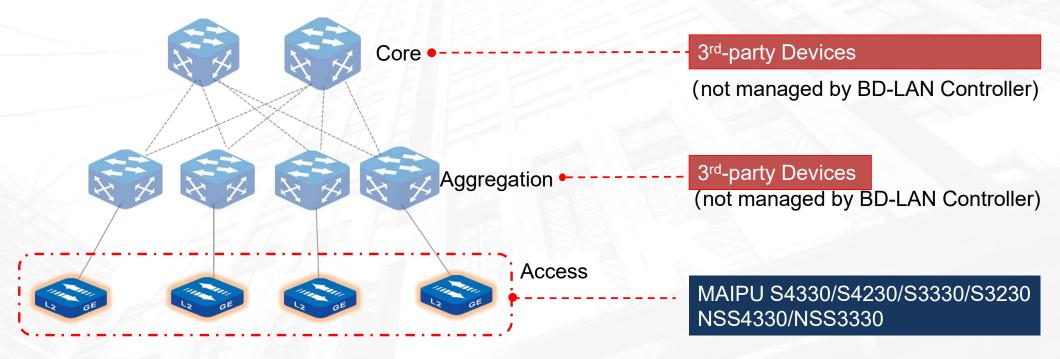
MAIPU CONTROLLER & ACCESS SW + 3RD-PARTY



Maipu BDLAN

Controller





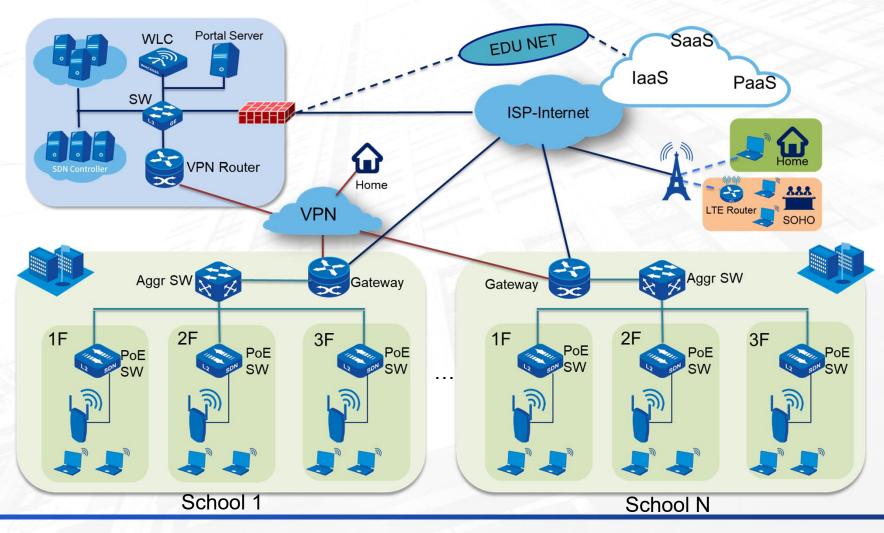


03 MAIPU BD-LAN TYPICAL SCENARIOS ANALYSIS



SCHOOL NETWORK







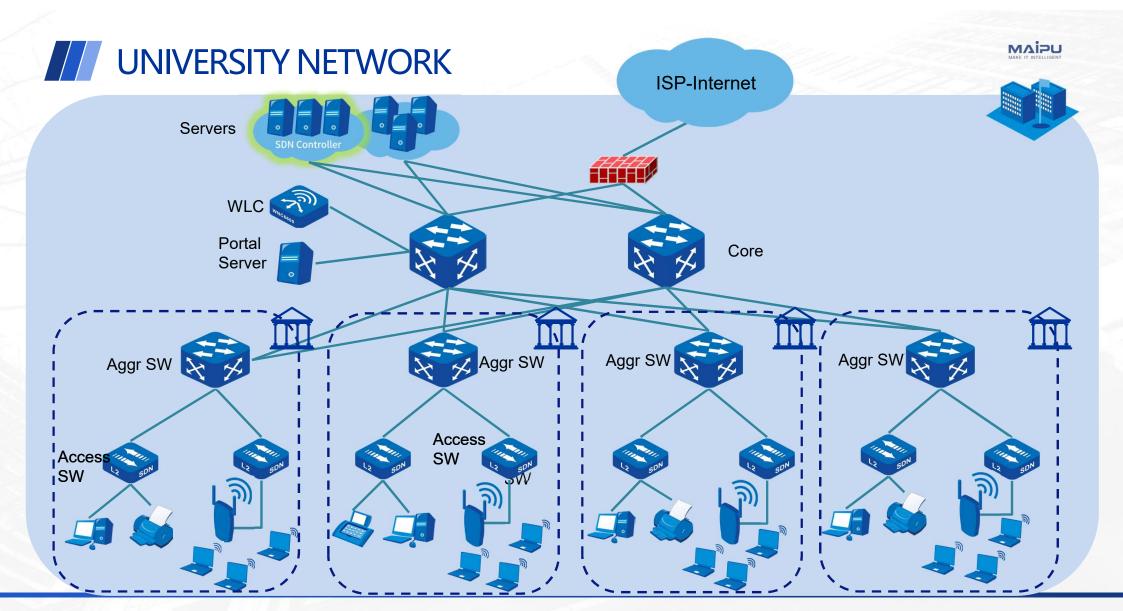




- High OPEX for Installation
- Long-lasting Deployment Period
- Difficult for **Terminal Monitor** and Management
- Troubleshooting Difficulties



- o **ZTP** for any one to start installation
 - Save OPEX
 - Fast deployment
- Zero-Trust Access
 - Auto Segment Networks for Terminals
 - No Access until Authenticated
- Monitor any network changes including network devices and terminals







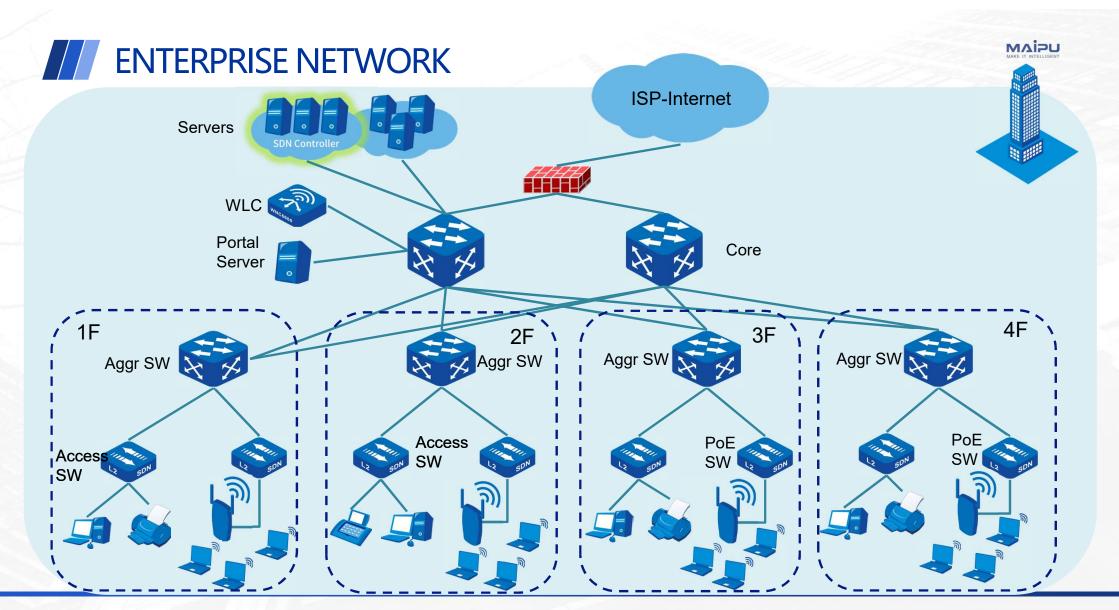
<u>Challenges</u>

- Users' privilege should roam easily wherever they are connected to
- Huge Mount of Terminals need to be managed everywhere
- Network Security is always a headache for diverse types of terminals
- Hard for Issue Tracing and Troubleshooting



- Flexible Zero-Trust Auth to guarantee privileged access anywhere at any time
- Continuous Security Monitoring and autoblock to those mal-behaved terminals
- Detailed Logs for issue tracing even after long time









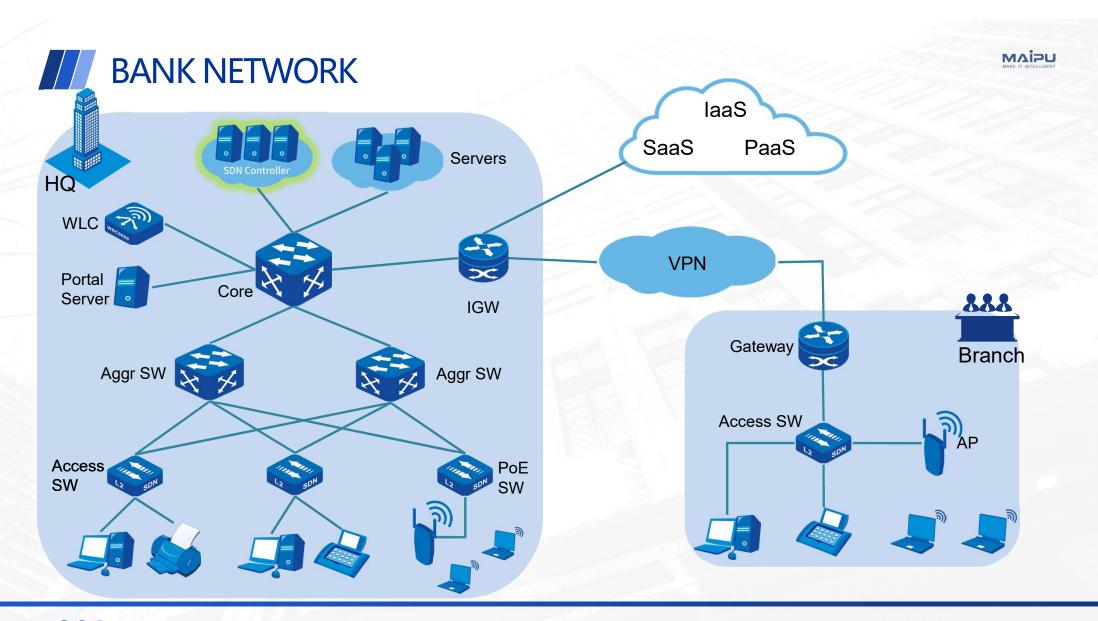
<u>Challenges</u>

- Must wait for **long time** before service can be online
- Employees' migration control is always a headache
- Weak defense for Enterprise network when attacked internally
- High OPEX for maintenance



- Auto Service Provisioning for fast service online
- Close-loop security monitoring and autoblock
- One-click replacement and auto firmware/configs management











- Network **Security** is always the top concern
- Multiple services influence each other when running on the same network
- Unauthorized terminal mobility is hard to be recognized or prohibited
- Fast Recovery time is essential for bank business



- Continuously network monitoring and auto-blocking for mis-behaved terminals
- Automatically segment service network with Zero-Trust Segmenting
- Zero-Trust Auth prevents the devices' unauthorized mobility and gives warning
- Rich Dashboard modules for quick issue recognition at early stage and fast troubleshooting with Detailed logs



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