



**SDWAN
SOLUTION**

Simple, Secure, Efficient

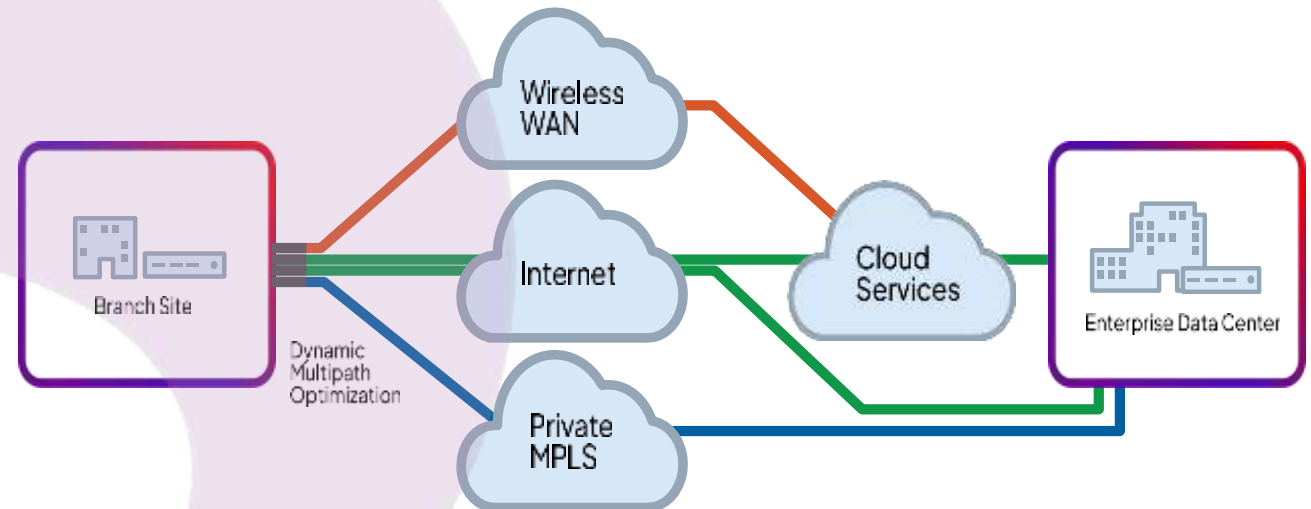
SDWAN

Software-Defined WAN



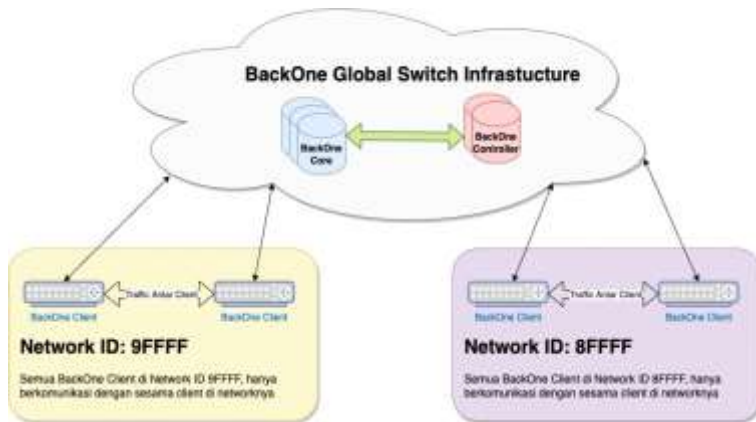
SDWAN: software-defined networking (SDN) technology applied to WAN (wide area network) connections

SDWAN technology will help reduce complexity with zero touch provisioning that can overcome the risk of human error



Dynamic Multi WAN Optimization
Network Segmentaiton

Global Switch



- Backone Infrastructure as a Switch
- Network ID is similar to VLAN in a switch
- Backbone clients have a unique ID
- Backbone Controller functions to authorize the Backbone client
- Backone Core functions to distribute Backbone client

Security

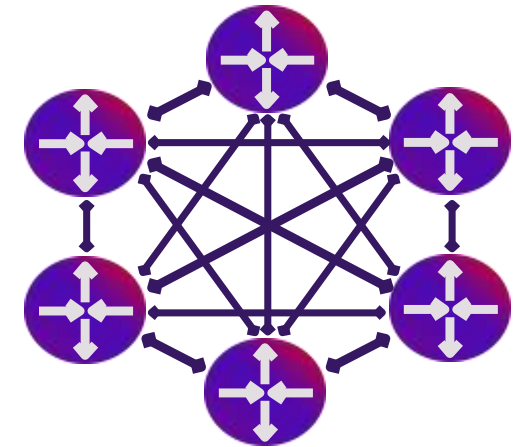
E2E Encryption



- Zero Trusk Network
- 256 End to End Encryption
- Network Rule to manage traffic inside Backone
- Bundling Firewall function

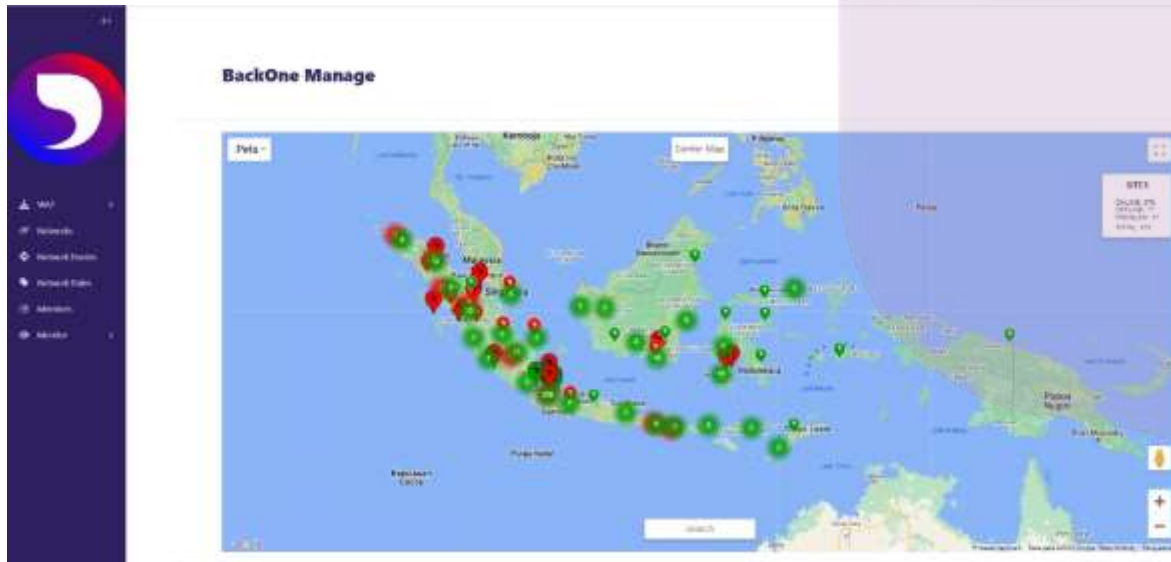
Decentralized

Mesh Network



- Doesn't have a centralized authority
- Scalability is simple
- Flexibility is built into the system
- Failure in a single device won't break the network
- Adding new devices won't disrupt data transmissions

Network Operation Center



- Cloud Base Centralized Management
- Simple Operations
- Map View : monitoring easier
- Simplify centralized management, deployment, and automation to save time and respond quickly to business demands with end-to-end visibility





BackOne Lite+	
Processor	MT7621A dual-core 850Mhz
RAM	DDR3 256MB
Flash	16MB
Model SFP	-
LED	Power, Ethernet 1-5
Port	1* USB3.0
	1* SIM Card
	1* Power on/off
Interface	5* 10/100/1000M LAN
	Wi-Fi 2.4G / 5G
	-
Power Supply	DC 12V 2A
Operating Temperature	-20 to 80°C
Dimensions (L*W*H)	310*210*60mm

BackOne Connect	
Interface/Encapsulation	Ethernet
	VLAN
	PPPoE
Addressing	Static IPv4/IPv6 Addressing
	DHCP/DHCPv6
Routing	Static Routes
	RIP/RIPng
	BGP (with IPv6 Support)
Security	IGMP Proxy
	ACL-Based Firewall
Services	Zone-Based Firewall NAT
	DHCP/DHCPv6 Server
	DHCP/DHCPv6 Relay
	Dynamic DNS
	DNS Forwarding
Management	Web Caching
	PPPoE Server
Throughput	Web UI
	Zabbix Controller
BackOne Features	Dual-wan support with loadbalance or failover services
	Emulates Layer 2 Ethernet with multipath, multicast, and bridging capabilities
	Set up BackOne in minutes with remote, automated deployment
	BackOne combines the capabilities of VPN and SD-WAN, simplifying network management
	Web filtering is centralized in the controller
	The network is decentralized so there is no dependency on servers and all SDWAN devices are at the same level



BackOne Pro	
Processor	Intel Celeron N4000
RAM	DDR4 4GB
Storage	SSD 64GB
Model SFP	-
LED	Power, Ethernet 1-6
Port	2* USB3.0
	1* VGA
	1* Power on/off
Interface	FAN
	6* 10/100/1000M LAN
Power Supply	DC 12V
Operating Temperature	-20 to 80°C
Form Factor	1RU

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	BGP (with IPv6 Support)
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	ACL-Based Firewall
Services	Zone-Based Firewall NAT
	DHCP/DHCPv6 Server
	DHCP/DHCPv6 Relay
	Dynamic DNS
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	Zabbix
BackOne Features	Controller
	Up to 150 Mbps
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BackOne Gateway	
Processor	Intel Core i7-3600QM
RAM	DDR4 8GB
Storage	SSD 128GB
Model SFP	Adaptif 2 * 82599ES SFP + 1G
LED	Power, Ethernet 1-8 2* USB3.0
Port	1* VGA 1* Power on/off FAN
Interface	8* 10/100/1000M LAN 2* 1 G SFP 1* Console
Power Supply	DC 12V
Operating Temperature	-20 to 80°C
Form Factor	1RU

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Routing	Static Routes
	RIP/RIPng
	BGP (with IPv6 Support)
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BackOne Enterprise	
Processor	Intel Core i7-9700
RAM	DDR4 16GB
Storage	SSD 128GB
Model SFP	Adaptif 2 * 82599ES SFP + 1G/10G
LED	Power, Ethernet 1-8
Port	2* USB3.0
	1* VGA
	1* Power on/off
Interface	FAN
	8* 10/100/1000M LAN
	2* 1/10 G SFP
	1* Console
Power Supply	DC 12V
Operating Temperature	-20 to 80°C
Form Factor	1RU

BackOne Connect	
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www.backone.cloud

Retail Prices for Enterprise Solutions

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