



Cisco Connect
2018

IT's All You

Singapore

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Cisco Connect 2018

Cisco SD-WAN: Next Generation WAN to Power Your Digital Business

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The branch and WAN cannot keep up...



Poor user experience

- Delays enabling new connectivity
- Inconsistent application performance



Complex to operate

- Difficult to manage multiple network devices
- Increasing bandwidth demands



Multi-cloud support

- Cloud first adoption transition
- Can't use the internet for SaaS

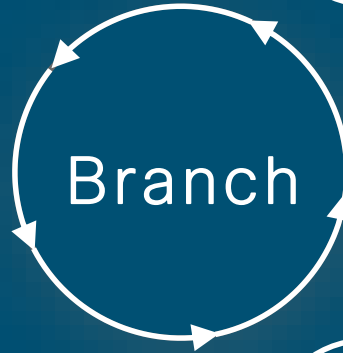
Cisco SD-WAN

Intent-based networking for the branch

4x Improved Application Experience

40% OpEx Efficiencies

3.24h Time to detection



Better user experience

Deploy applications in minutes on any platform with consistent application performance



Greater agility

Simplify the deployment and operation of your WAN and get faster performance using less bandwidth



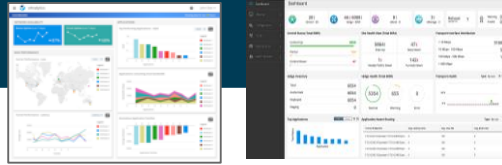
Advanced threat protection

Securely connect your users to applications and protect your data from the WAN edge to the cloud

Cisco SD-WAN Architecture



Cloud managed and controlled fabric



Control | Management | Analytics

Application quality of experience



Transport Independence

Internet

MPLS

4G LTE



End-point flexibility
(Physical or Virtual)



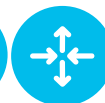
Data Center



Campus



Branch



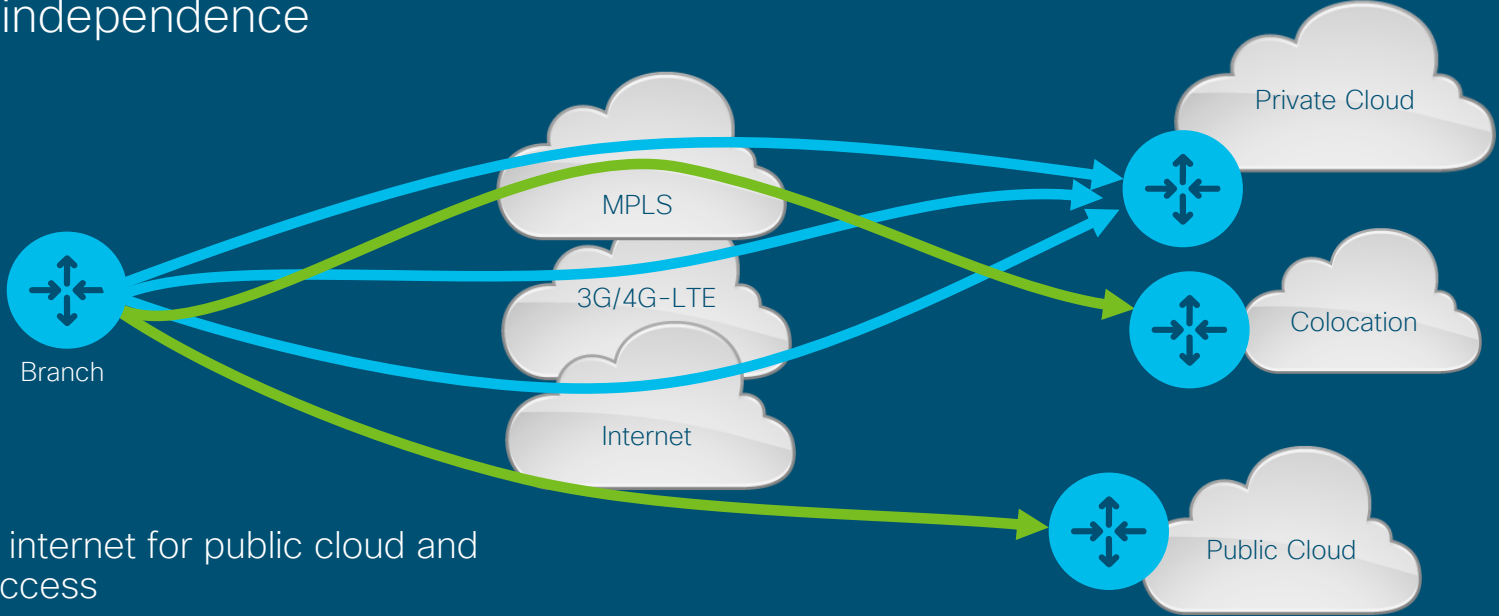
Public Cloud



Integrated Security

Deploy branches faster at lower cost

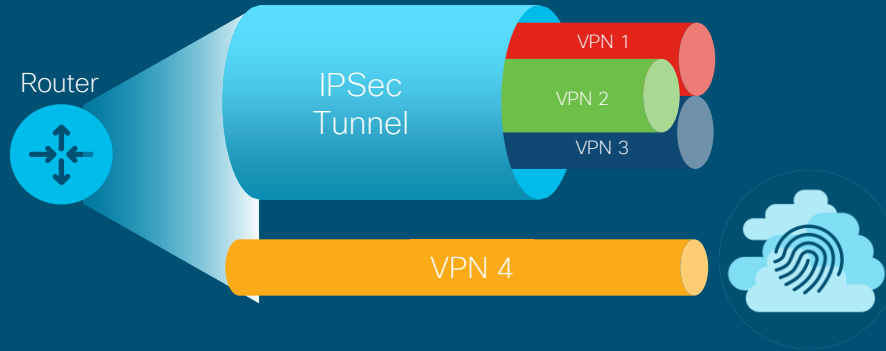
Transport independence



- ✓ Leverage internet for public cloud and Internet access
- ✓ Secure VPN overlay for private and virtual public cloud access
- ✓ Seamless extension to the cloud enables business policy to follow workloads

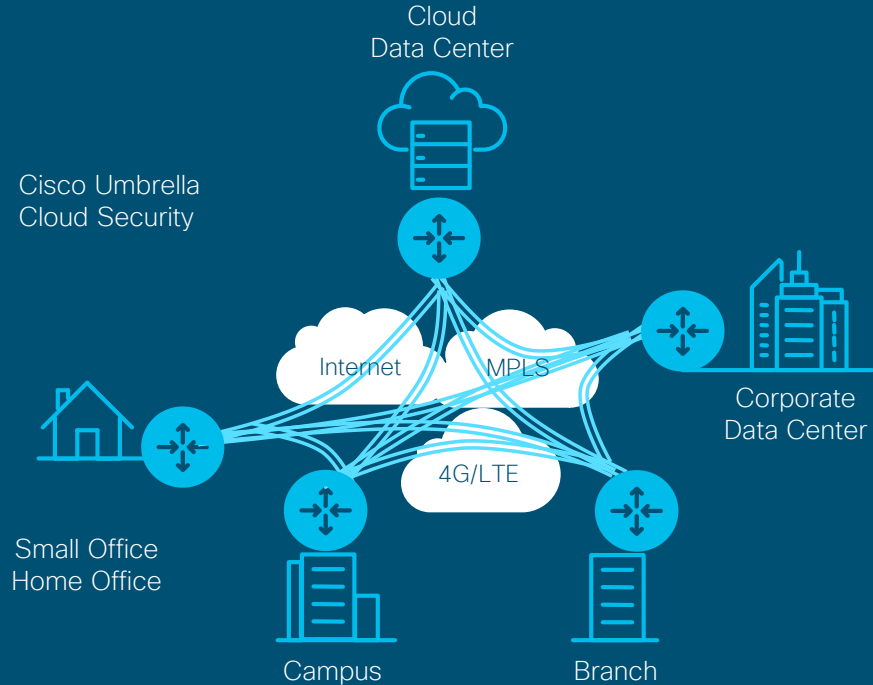
Comprehensive threat protection

Integrated security



- ✓ Meet industry compliance with end-to-end segmentation
- ✓ Reduce attack surface with cloud and on-prem security
- ✓ Umbrella cloud security protects all users devices

Cisco Umbrella
Cloud Security

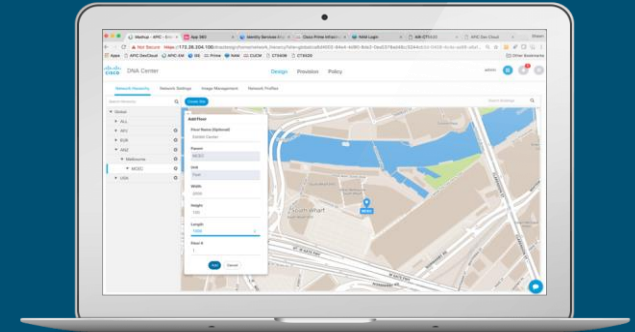


Easier to deploy, manage and operate

Centralized cloud managed fabric



- ✓ Cloud-first management and operations with a single WAN fabric across all end-points
- ✓ Monitoring and troubleshooting using simplified workflows
- ✓ Advanced analytics and assurance for application service level agreement



Cisco DNA Center



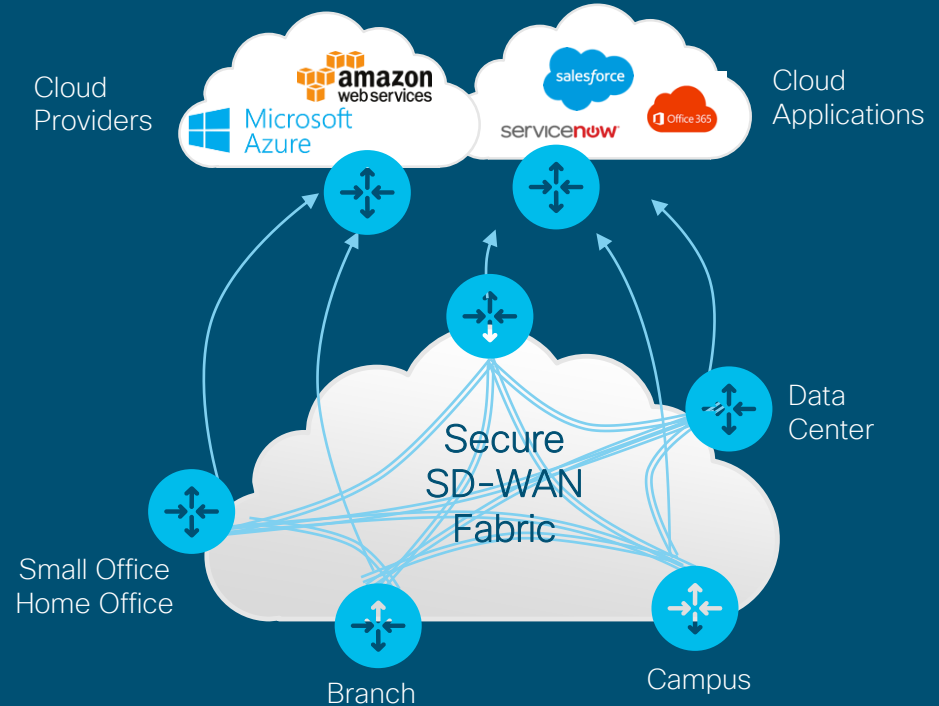
Cisco vManage



Simplify migration to the cloud

Application quality of experience

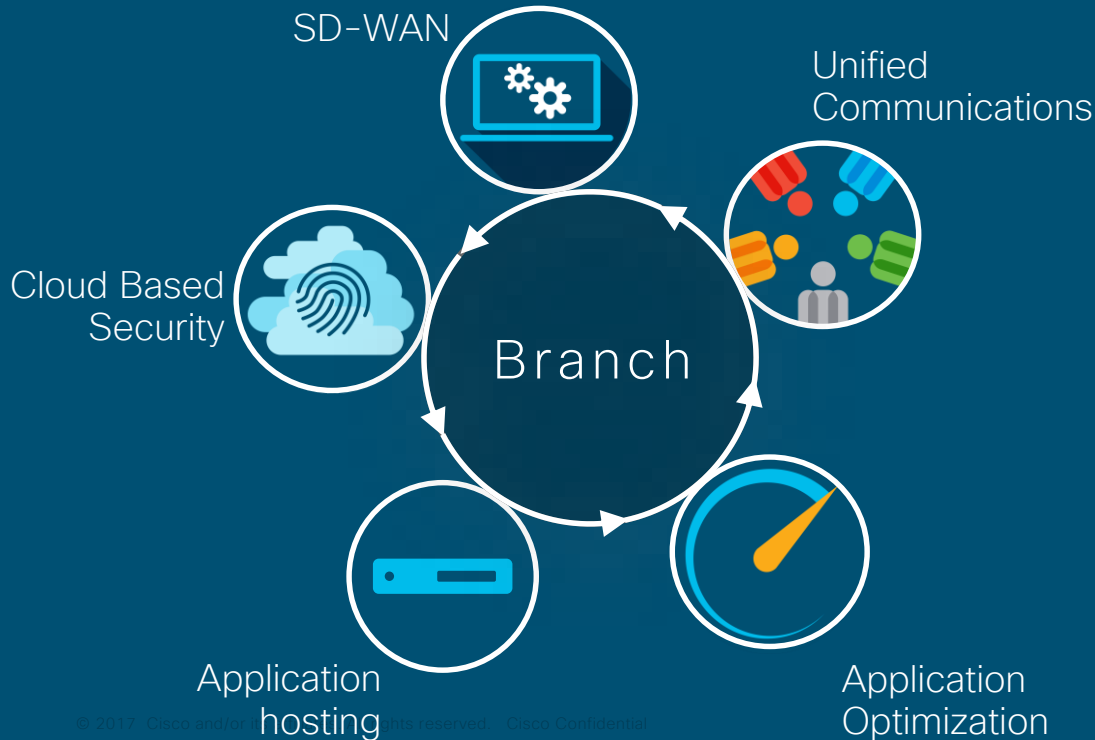
- ✓ Secure branch to cloud connectivity protects data in motion
- ✓ Agile workflows simplifies extending the enterprise to IaaS or SaaS
- ✓ Analytics determines the optimal path for the best application experience



IaaS/SaaS

Reduce complexity for remote sites

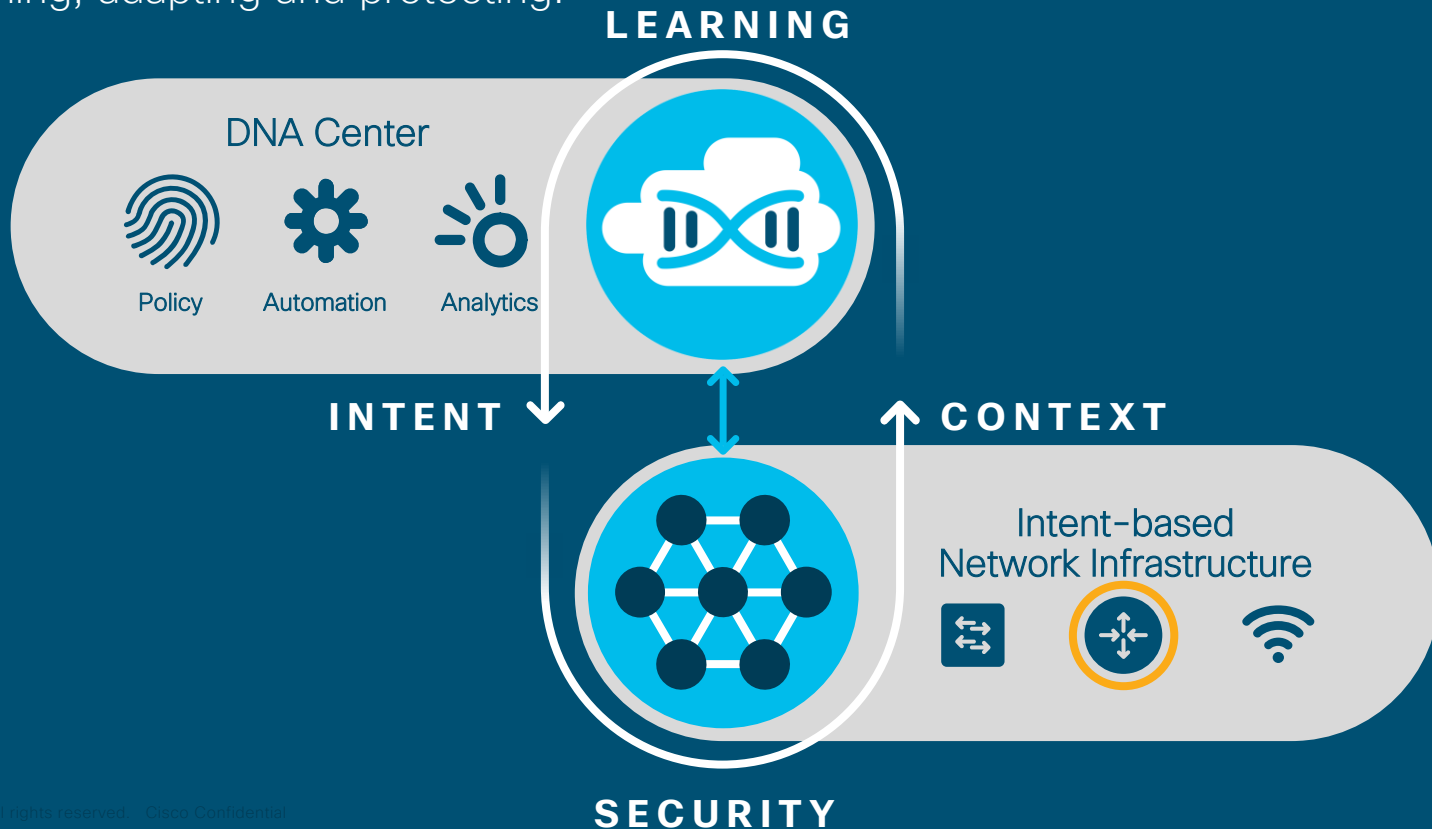
Single rich services branch platform



- ✓ Easy to deploy and manage services on-demand
- ✓ On-demand physical and virtual form factors
- ✓ Best of breed trusted network services

The Network. Intuitive.

Constantly learning, adapting and protecting.



Deploy rich services across on any platform

End-point flexibility

Branch virtualization

ENCS 5100



- Up to 250Mbps

ENCS 5400



- 250Mbps - 2GB

Public Cloud



SD-WAN

vEdge 100



- 100 Mbps
- 4G LTE & Wireless

vEdge 1000



- Up to 1 Gbps
- Fixed

vEdge 2000



- 10 Gbps
- Modular

Branch Services

ISR 1000



- 200 Mbps
- Next-gen connectivity
- Performance flexibility

ISR 4000



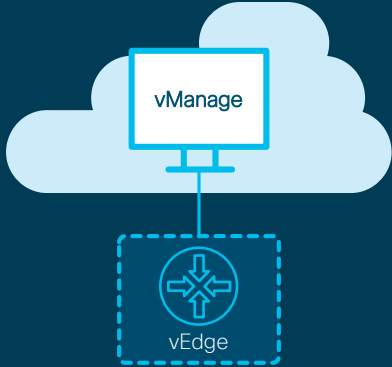
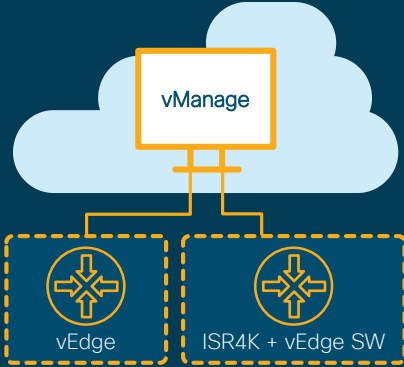
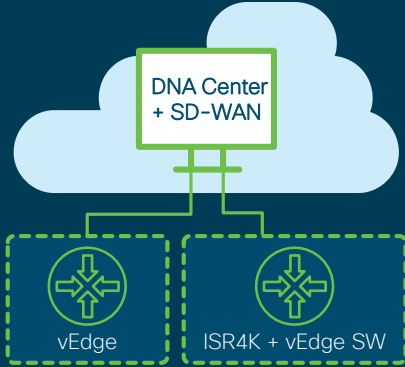
- Up to 2 Gbps
- Modular
- Integrated service containers
- Compute with UCS E

ASR 1000



- 2.5-200Gbps
- High-performance service w/hardware assist
- Hardware & software redundancy

Viptela Integration Plan (9-24 months)

	Phase 1 No Integration	Phase 2 Platform Integration	Phase 3 Management Integration
Deployment Scenarios			
Benefits	Viptela generally available	Viptela SD-WAN on strategic ISR platform	Deliver end-to-end experience with full DNA integration



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Meraki guiding principles



Simplicity
First

Dashboard
Led

Developer
Ready