



Cisco Connect  
2018

IT's All You

Kuala Lumpur, Malaysia

15 March 2018

#ciscoconnectMY



# Cisco Connect 2018



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

*Davin Gibb*

*GM, APJ Routing and Switching Sales*

# 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

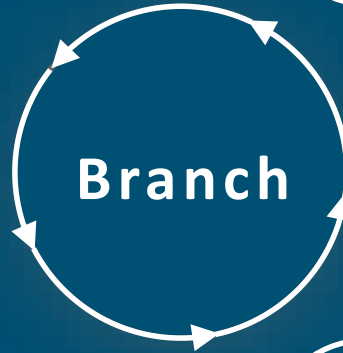
# Cisco SD-WAN

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



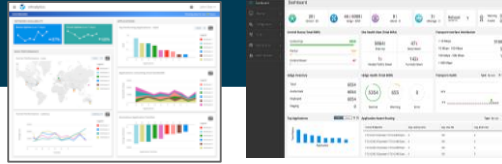
## Advanced threat protection

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)



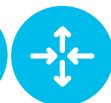
Data Center



Campus



Branch



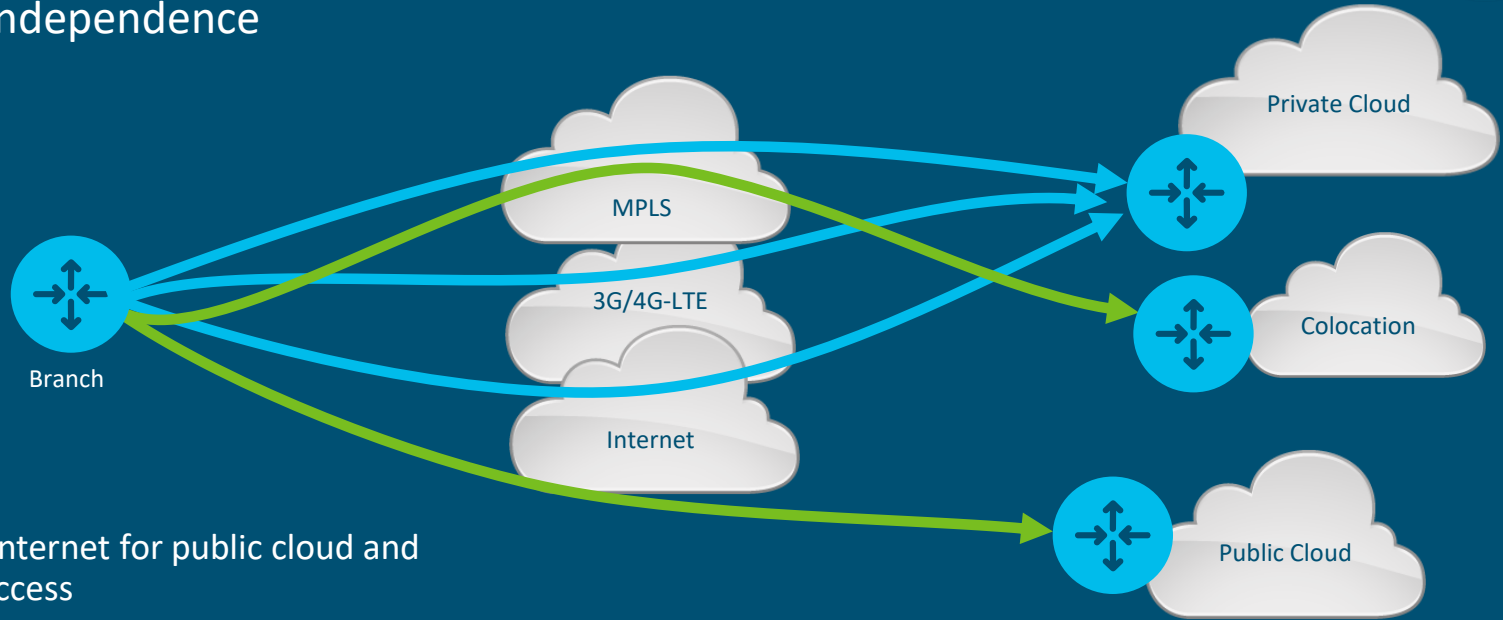
Public Cloud



**Integrated Security**

# Deploy branches faster at lower cost

Transport independence

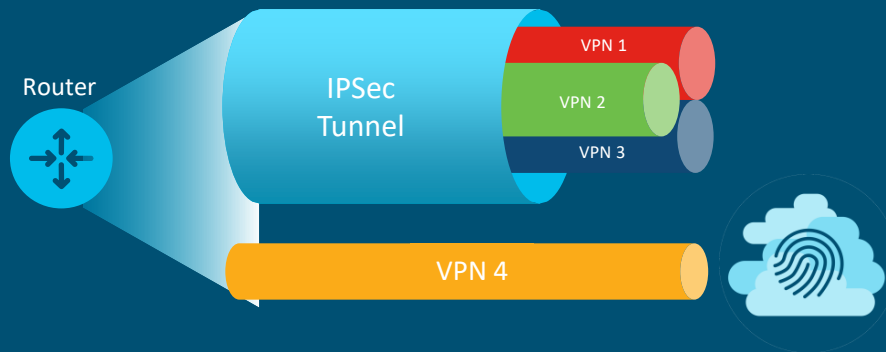


- ✓ Leverage internet for public cloud and Internet access
- ✓ Secure VPN overlay for private and virtual public cloud access
- ✓ Seamless extension to the cloud enables business policy to follow workloads

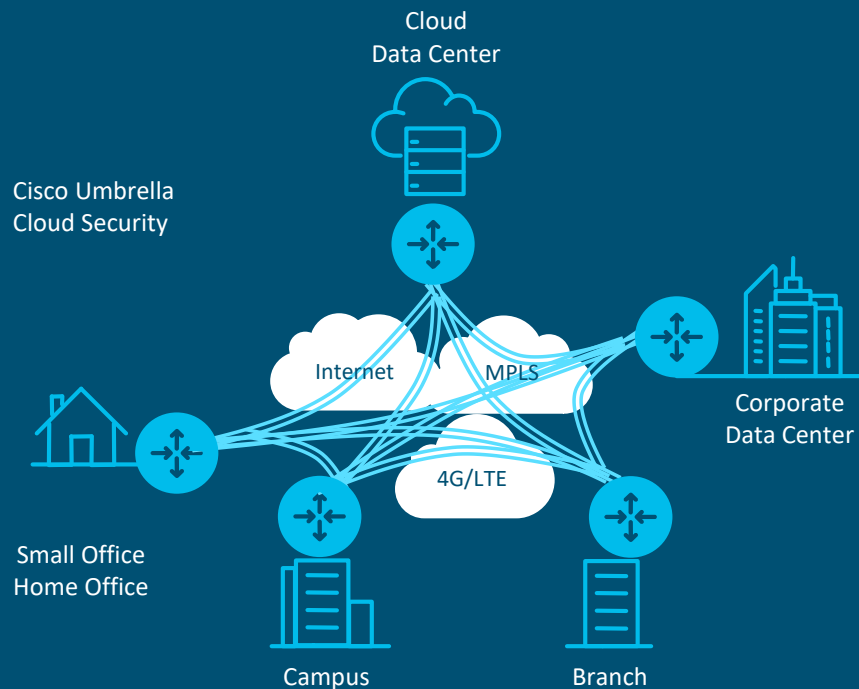


# Comprehensive threat protection

## 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

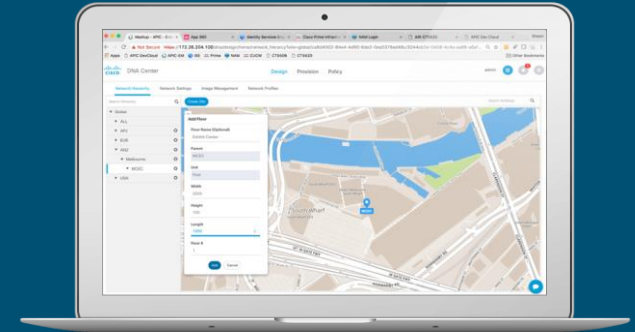


# Easier to deploy, manage and operate

## 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

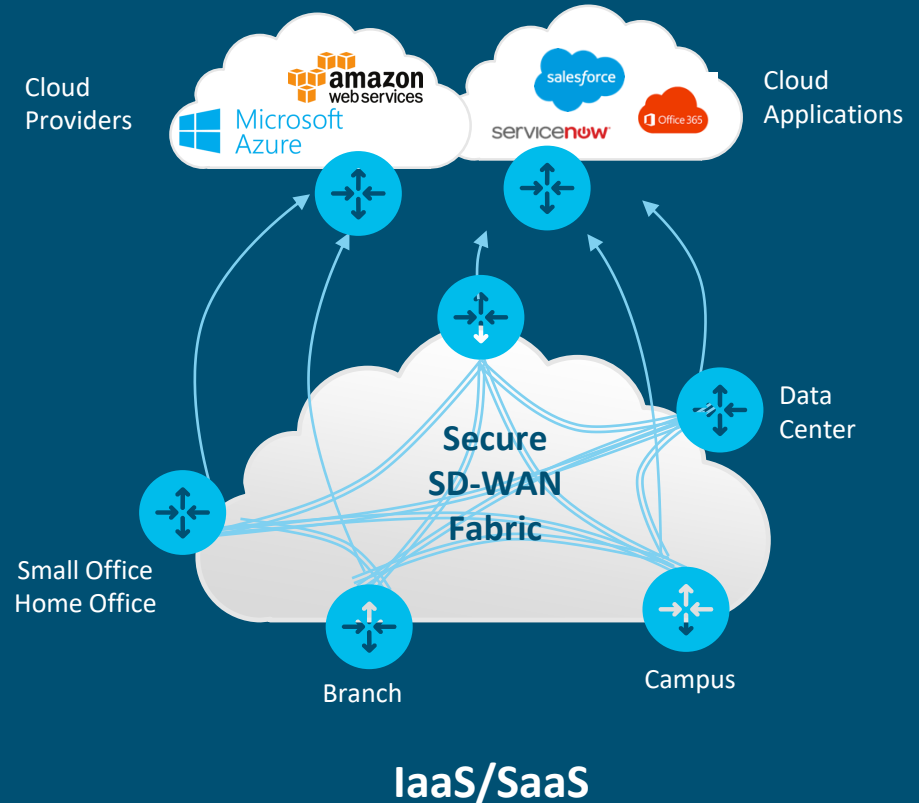




# Simplify migration to the cloud

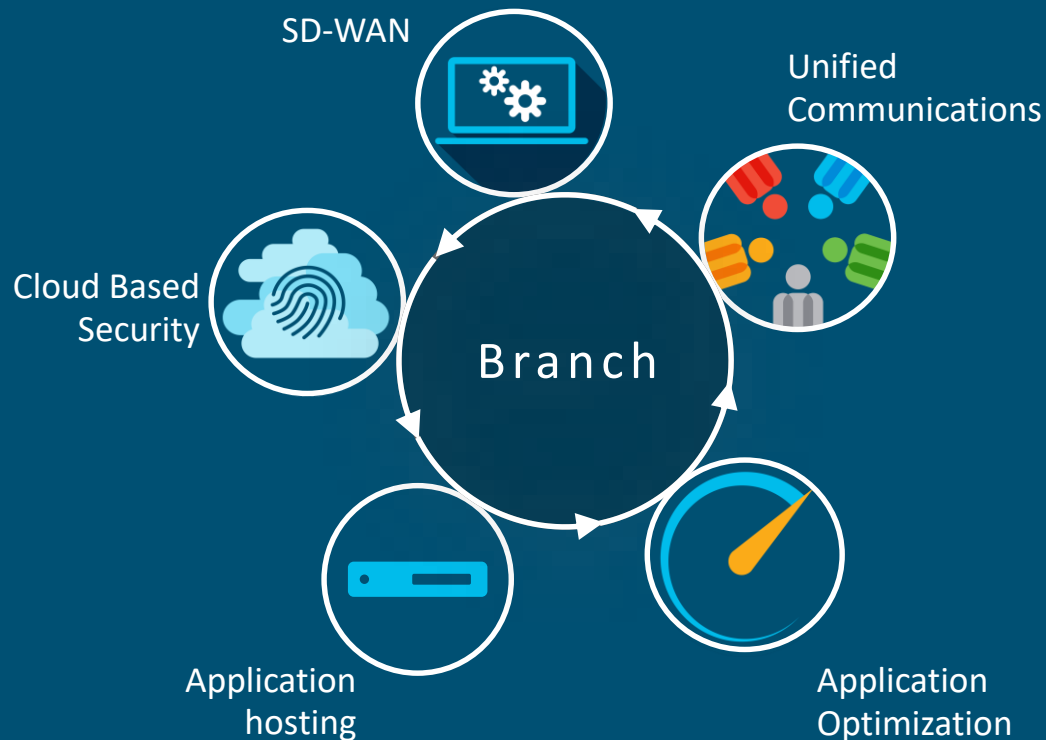
Application quality of experience

- ✓ 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



# Reduce complexity for remote sites

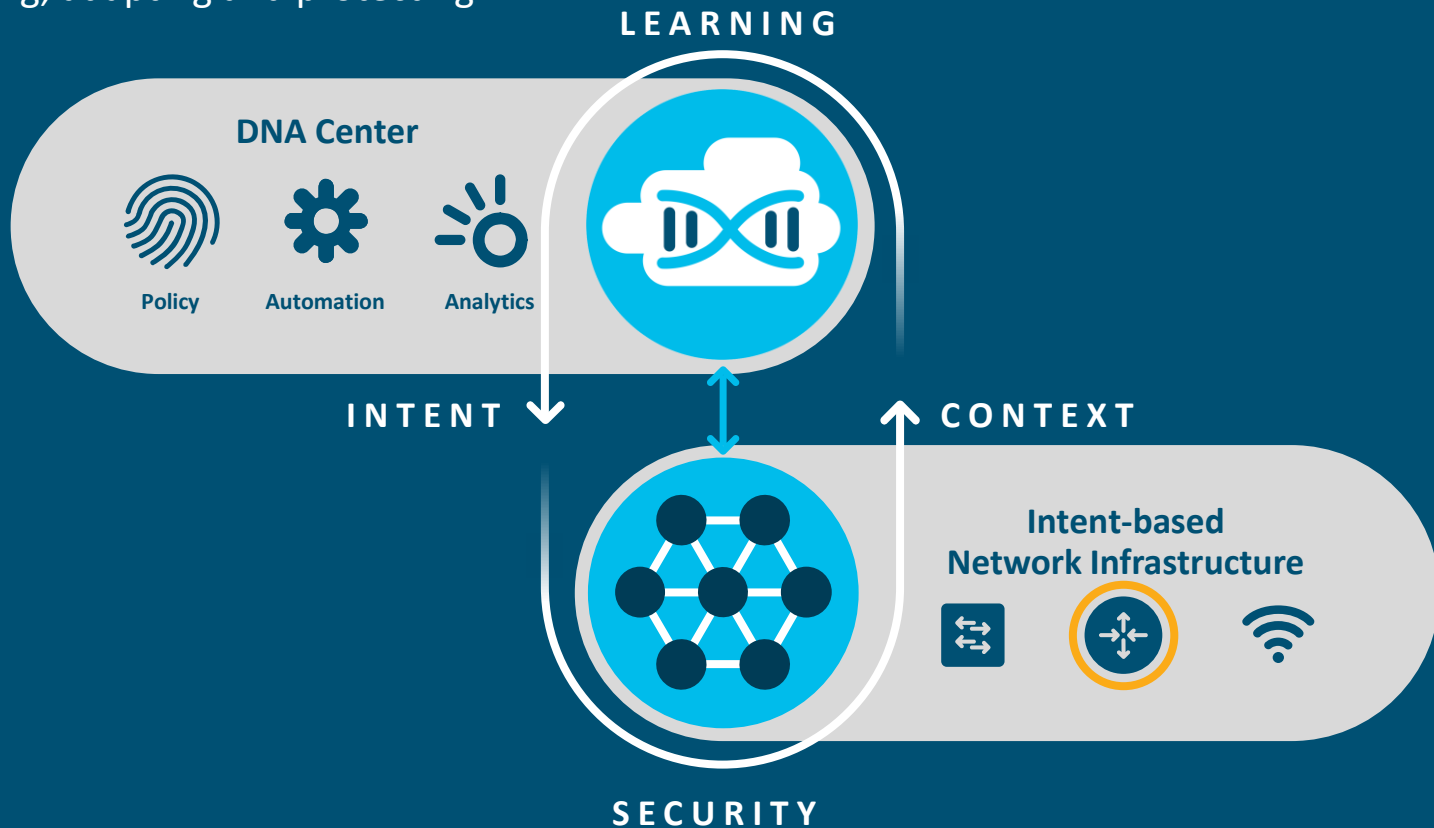
Single rich services branch platform



- ✓ 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



Microsoft  
Azure



### 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



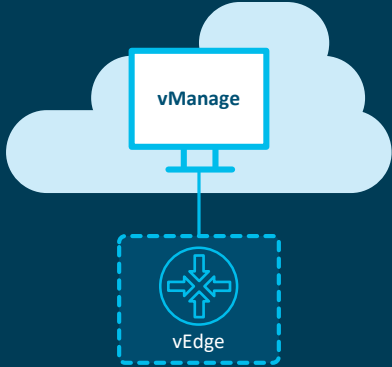
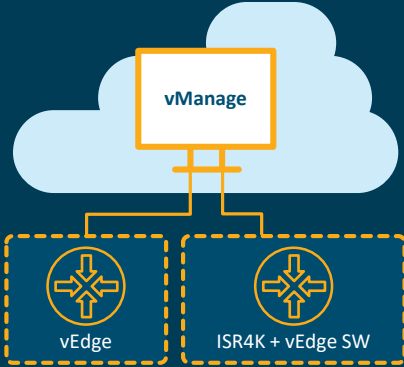
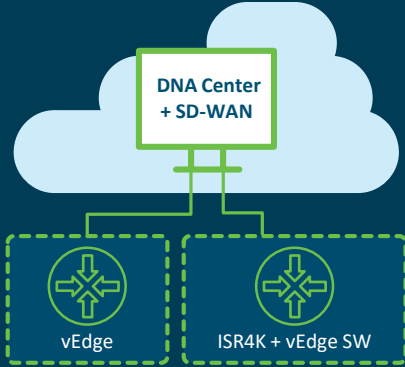
- Up to 2 Gbps
- Modular
- Integrated service containers
- Compute with UCS E

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	 <p>vManage</p> <p>vEdge</p>	 <p>vManage</p> <p>vEdge</p> <p>ISR4K + vEdge SW</p>	 <p>DNA Center + SD-WAN</p> <p>vEdge</p> <p>ISR4K + vEdge SW</p>
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