



Cisco Small Business IT Webinars

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Optimize My Business

AGENDA

1. Introduction

2. Solutions Overview – *Overview*

3. Case Studies

4. Demo – *Mobility Express UI & Meraki
Dashboard*

5. Q&A

6. Conclusion



Solution Overview

Wireless

Our Speaker...



Mark Shealy
VSAM



Today's
Webinar Theme:

Optimize My Business

with Network Reliability

Always on: Simple, smart solutions

Scalable: Support demands for bandwidth, data, and new digital apps

Easy: Cloud-based or on-premise management

Future-proof: Whatever your business plans for growth

Simple, Secure, and Scalable

Solutions for All!

On Premise

Flexible On-Premise Portfolio to meet
Size and Scaling Requirements



Cisco On-Prem
Core Infrastructure



Spark



Cloud

One Intelligent Network Manages It
All from the Cloud



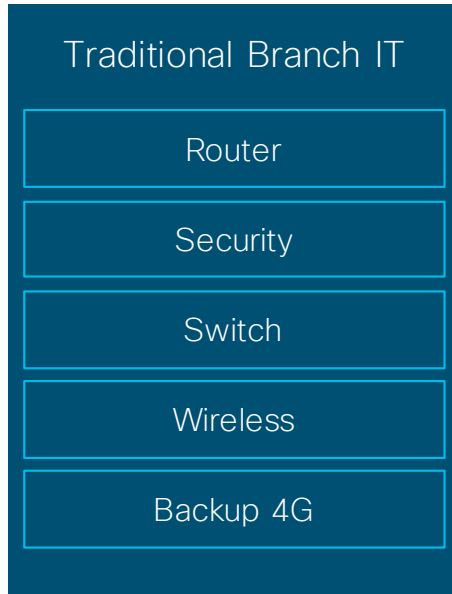
Cisco Meraki
Core Infrastructure



Wireless

SD-WAN

The 1100 ISR: Your Office in a Box.



Routing, switching, and wireless



Integrated security



Speed and performance



Integrated management tools



















Multi-connectivity



ISR 1100 vs ISR 800

Upgrade from ISR 800 to ISR 1000

Branch Needs	Benefits	ISR 800	ISR 1000	Features
Cisco SD-WAN	Better user experience, greater agility, advanced threat protection			Transport independence, app QoE, cloud management
Security	Right security, right place. Simplified.			Application Firewall, IPS, URL-filtering and Cisco Umbrella
Connectivity & Scale w/High Performance	Up to 10 times performance increase	Up to 100 Mbps	Up to 350 Mbps	Throughput
	Minimal performance impact as network services are added and throughput increases			Separate data and control planes
	Faster connectivity with LTE Advanced			Next-gen WAN
	Programmable operating system			Cisco IOS® XE
	Faster wireless access with 802.11acWave 2			Wireless
Costs & Business Agility	Ability to buy what you need today and upgrade anytime with no equipment upgrades			Pay-as-you-grow
Trustworthy Systems	Assurance and peace of mind with hardware and operating system integrity			<ul style="list-style-type: none"> • Boot Protections • Runtime Defenses • H/W & S/W Security

Introducing the New Cisco Catalyst 9200 Series Switches

With the industry's highest security, performance, and functionality in their class



Simplicity without compromise



Always on

Patching
Highest MTBF
in the industry
Perpetual Fast PoE+



Secure

Policy-based
segmentation
(micro and macro)
Trustworthy solutions
MACsec-128
encryption



IT simplicity

3-click WebUI or
Cisco DNA Center™
UADP and IOS
XE programmability
Full Flexible
NetFlow, NBAR2

Table 1. Benefits of the Cisco Catalyst 9200 Series switches compared to other Cisco Catalyst access switches in its class

Trend	Feature	Installed-base access switches			Benefits
		Catalyst 2960-X Series	Catalyst 2960-XR Series	Catalyst 9200 Series	
Scale and performance	Bandwidth per stack	80 Gbps	80 Gbps	up to 160 Gbps	Twice the density at nearly the same price
	Uplinks	4x1G SFP, 2x10G SFP+ 2x 10/100/1000BT	4x1G SFP, 2x10G SFP+	4x1G SFP, 4x10G SFP+	
Advanced security	Full Flexible NetFlow	✓	✓	✓	Orchestrate role-based access to corporate resources
	Cisco TrustSec® and SGT ² for wired and wireless	✓	✓	✓	
	Trustworthy Systems	✓	✓	✓	
	MACsec link encryption	-	-	✓	AES-128, MACsec-128
Simplicity and automation	Cisco IOS® XE OS	-	-	✓	Single common network OS across switching, routing, wireless, and IoT
	Model-driven programmability	-	-	✓	Standards-based programmable interfaces
	Streaming telemetry	-	-	✓	Rich contextual insights
	SD-Access ³ programmability	-	-	✓	Automation and Assurance

What Is Cisco Mobility Express?

On Premise Wireless



Fast IT

3-step over-the-air wireless network configuration with Cisco WLAN Express Setup Wizard



Manage Up to 100 Access Points

Network management for up to 100 access points and 2000 clients



Runs on

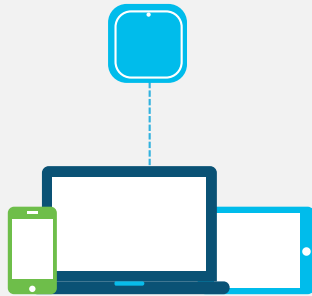
Cisco® Aironet® 1540, 1560, 1815, 1830, 1850, 2800, 3800 and 4800 802.11ac Wave 2 Access Points

Simplifies and accelerates Wi-Fi deployment

Fast IT: Setup in Minutes

Connect using any wireless device

1



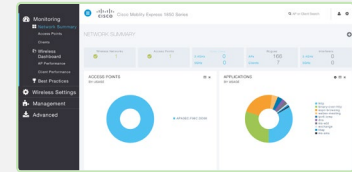
Configure multiple APs simultaneously with setup wizard

2



Use best-practice templates with advanced features out-of-the-box

3



- Radio Resource Management
- Guest Access
- Application Visibility
- CleanAir
- Band Select
- Client Profiling



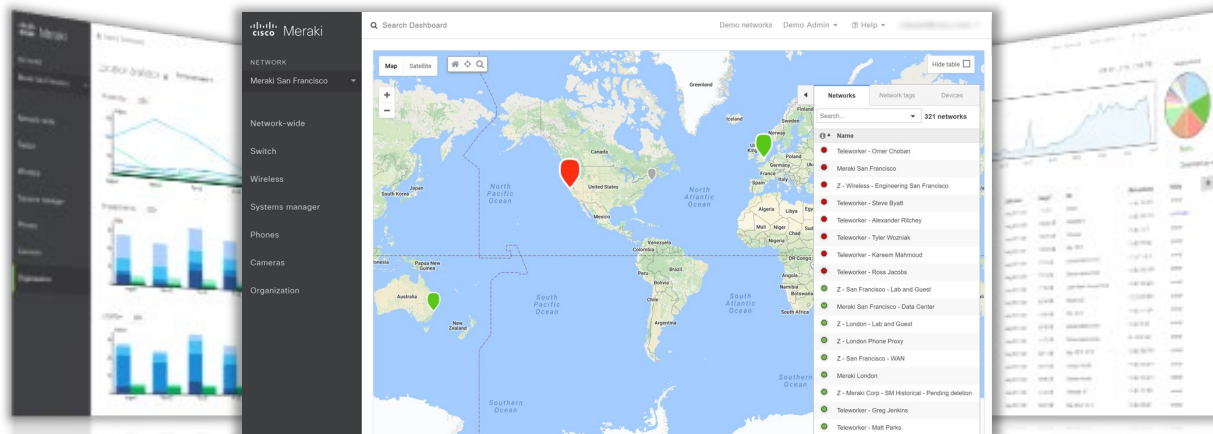
Use Case – Mobility Express



K-12

Cisco Meraki Full Stack

Bringing the cloud to enterprise networks



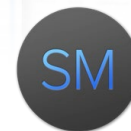
MR Wireless



MX Security Appliances



MS Switches



SM EMM



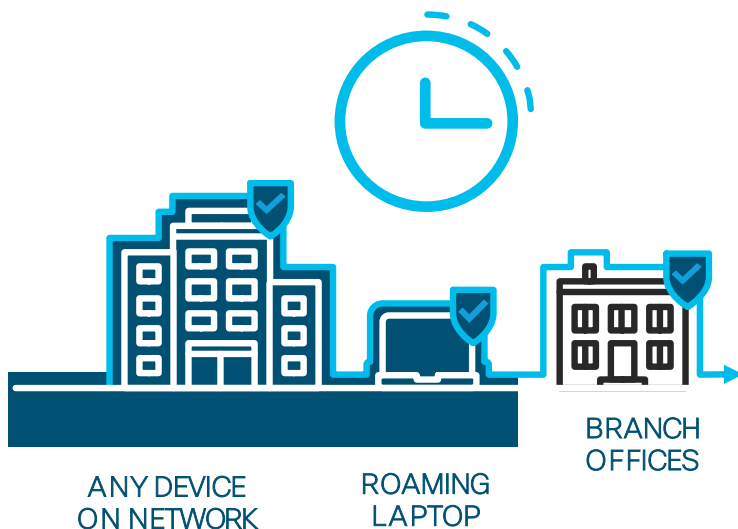
MV Vision





Demo – *Meraki* *Dashboard*

Deployment in minutes: Cisco Umbrella Security



On-network coverage

With one setting change

Integrated with Cisco ISR 1K and 4K series and Cisco WLAN controllers

Off-network coverage

With AnyConnect VPN client integration

Or with any VPN using lightweight Umbrella client



Q&A



Before we go...

Click the link in the chat for
a free trial of the Meraki
Dashboard!

We Appreciate
Your
Feedback!

Please take a moment to let us know if this session met your needs and expectations.

The confidential evaluation survey will open once the event window is closed.

