



*Secure. Mobile.*

*Powerfully Simple.*



simple. 

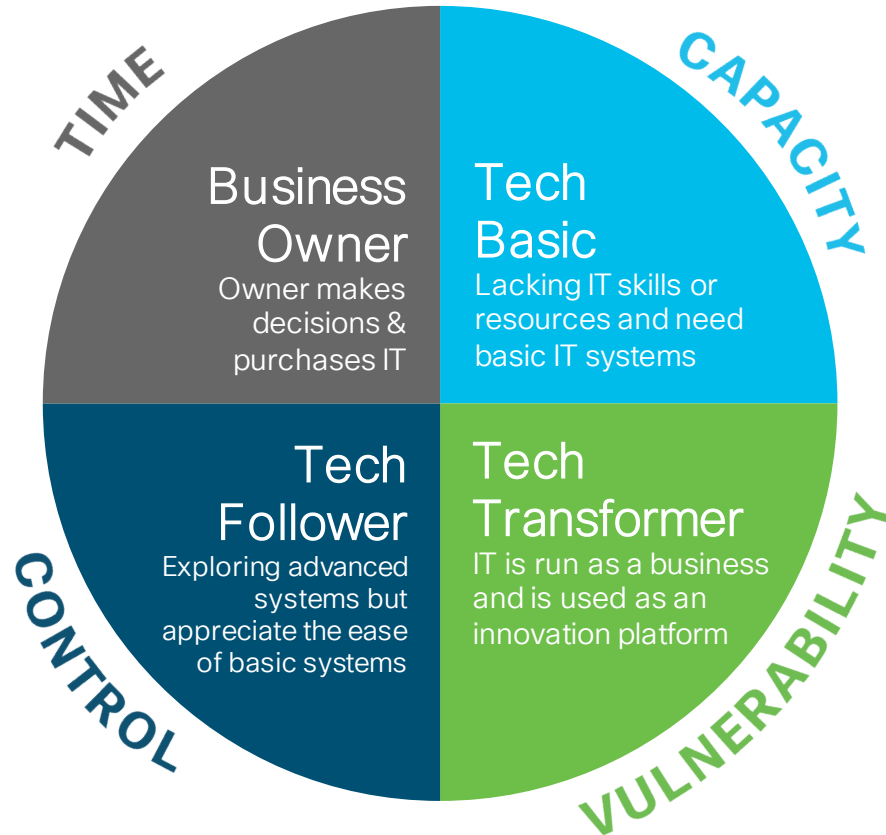
*Enable My Mobile Workforce*

# AGENDA

1. Simple IT Portfolio Overview
2. Wireless Solutions Overview
3. Demos – On Premise & Cloud
4. Q&A
5. Conclusion

# Simple IT Portfolio Overview

# One Size Does Not Fit All



# What's keeping you up at night?



## Secure My Business

“My business had a **security breach**, we heard about the **latest attack**, and have a **new compliance regulation**. We need help ensuring our business is secure.”



## Enable My Mobile Workforce

“My business is growing, we are innovating, and need to **ensure our teams can be productive, collaborative, and secure, anywhere**. We need great tech so we can **attract and retain the best talent**.”



## Optimize My Business

“We have **new applications, new devices, and lots of video slowing down the network**, and last week we had an **outage that cost us a ton of money**. It's critical we stay up and running, securely.”



## Connect My Teams

“We have lots of collaboration applications and devices, but they are **too complex to bring everyone together in an effortless manner**. I need a **simple solution that allows my employees and customers to connect in their own way**.”



## Fuel My Business

Our current infrastructure is **too costly to maintain and takes too long to install my applications**. I need to **reduce application deployment time** and make it **easier to scale my application needs with sustained performance** for my customers and internal users.”

- ✓ *Designed Your Needs*
- ✓ *Fits Your **Budget***
- ✓ *Grows with Your Business*

# Simple, Secure, Reliable Networking



## Secure My Business

with Secure Branch

- Meraki MX
- ISR 1100
- Umbrella
- NGFW Low
- RV Series
- HyperFlex, UCS + Veeam

Secure against threats & protect your data



## Enable My Mobile Workforce

with Secure Wireless

- Meraki MR
- Mobility Express
- Umbrella
- WebEx

Increase employee productivity & flexibility



## Optimize My Business

with Network Reliability

- Meraki Full Stack
- Cat2K, Mobility Express, ISR 1100
- Umbrella
- SBTG
- HyperFlex, UCS + Veeam
- WebEx

Ensure always-on with simple, smart solutions



## Connect My Teams

with Intuitive Collaboration

- WebEx
- WebEx Teams

Connect teams with intuitive collaboration



## Fuel My Business

with Converged Infrastructure

- HyperFlex
- UCS + Veeam

Security, simplicity and control of your computing, storage and connectivity



Today's  
Webinar Theme:  
**Mobile  
Workforce**  
*with Secure Wireless*

**Freedom:** Teams collaborate and work how and where they want

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**Productivity:** Increase engagement and communication

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**Connectivity:** Secure devices, apps and services

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**Retention:** Attract and keep the best talent

# Solution Overview:

## *Cisco On Premise and Cloud Wireless*

### Our Speakers...



Rush Johnson, BDM



Will Hefner, VSS



# Business challenges with growing wireless demand



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Limited IT staff  
and resources



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If the WLAN is slow,  
employees won't adopt  
wireless applications  
and policies



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If your Wi-Fi doesn't  
keep up, customers might  
go elsewhere

# Simple, Secure, and Scalable

Solutions for every situation...

## On Premise

Flexible On-Premise Portfolio to meet  
Size and Scaling Requirements



Cisco On-Prem  
Core Infrastructure



Spark



Wireless



SD-WAN

## Cloud

One Intelligent Network Manages It  
All from the Cloud



Cisco Meraki  
Core Infrastructure



Spark



Wireless



SD-WAN

# What Is Cisco Mobility Express?

*On Premise Wireless*



## Fast IT

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



## Manage Up to 100 Access Points

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Network management for up to 100 access points and 2000 clients



## Runs on

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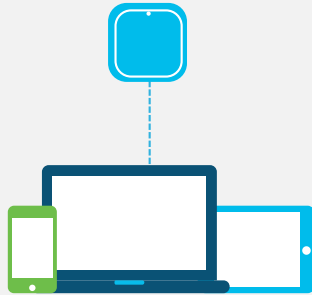
Cisco® Aironet® 1540, 1560, 1815, 1830, 1850, 2800, 3800 and 4800 802.11ac Wave 2 Access Points

# Simplifies and accelerates Wi-Fi deployment

Fast IT: Setup in Minutes

Connect using any wireless device

1



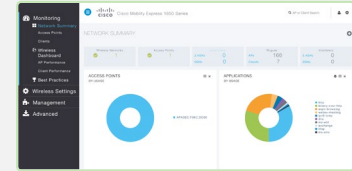
Configure multiple APs simultaneously with setup wizard

2



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

3



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

# High-end features, no price premium

## Cisco 802.11ac Wave 2-capable access points offer:

- Simultaneous serving of clients and wireless controller functionality
- Improved client density support with Multiuser Multiple Input, Multiple Output (MU-MIMO) technology
- Increased scale and coverage
- Enterprise Class features and hardware



# The 1100 ISR: Your Office in a Box.

*Integrated Mobility Express*





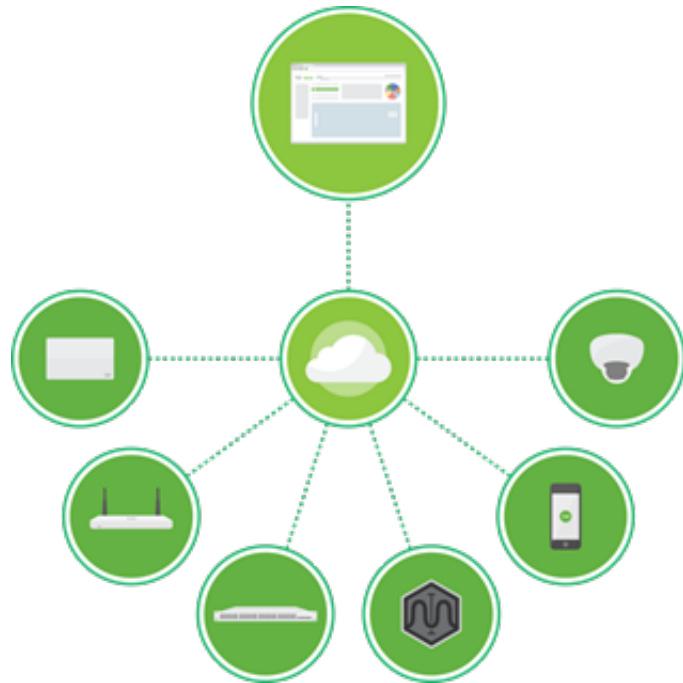
# Demo – Mobility Express

You have options....



# Simplifying IT with cloud management

*Cisco Meraki*



## A complete cloud-managed IT solution

Wireless, switching, security, SD-WAN, application performance management, unified endpoint management (UEM), and security cameras

Integrated hardware, software, and cloud services

## Leader in cloud-managed IT

Among Cisco's fastest growing portfolios

250k+

Unique customers

3.5M+

Meraki devices  
online

5.5M+

Active Meraki  
dashboard users

# Secure guest wireless in seconds

Splash page

SSID: (MerakiCorp)

Splash pages on this SSD are enabled but writing on the access control subtab

Official themes

- Modern
- Fluid

Custom themes

- Copy of Simple
- Combine Multiple Auth Types
- Block Everyone
- Simple
- Grumpy Cat (warning: funny)

Pick a base: Copy

Custom splash URL

- Or provide a URL, where users will be redirected to (http://)

Customize your page

Message

Welcome to

Splash logo

Upload a logo

Splash language

English

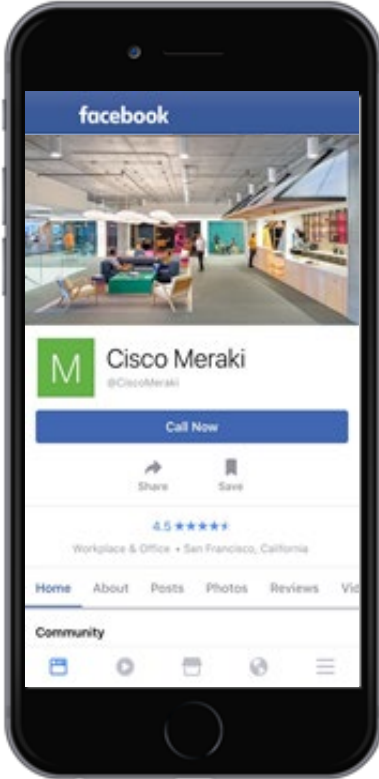
Splash behavior

Splash frequency

Every day

Where should users go after the splash page?

- The URL, if
- A different



Color customization

Color Match: (Match)

Background	Text	Links
White	Black	Blue
Light Gray	Dark Gray	Light Blue
Dark Gray	Light Gray	Light Green

Preview

Rapidly deploy secure guest WiFi with one-click client isolation that protects devices and network integrity.

Increase brand awareness and customer engagement through integrated Facebook or Google sign-on, enabling deeper social media analytics.

Deploy targeted advertising via built-in splash page hosting.

# Powerful heuristics for smarter wireless troubleshooting

**Meraki Wireless Health:** A powerful heuristics engine that rapidly identifies anomalies impacting end users' experience across every stage of client connectivity — association, authentication, IP addressing, and DNS availability — for rapid root cause analysis and response.

Quickly identify worst-performing access points & client devices, problematic latency, and specific failure reasons

Wireless health **BETA** for the last hour ▾

Overview **Connections** Packet latency

SSID: All SSIDs ▾  
VLAN: All VLANs ▾

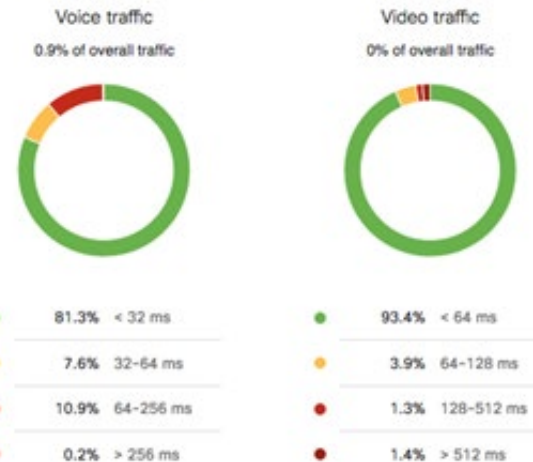
# TOTAL CONNECTIONS	# FAILED CONNECTIONS	% CLIENT DEVICES W/ PROBLEMS	AVG # FAILED CONNECTIONS PER PROBLEMATIC CLIENT
4950	1453	450	3

Are there problematic connection steps?



AP → client latency by traffic type

Traffic types below are detected from DSCP tags.

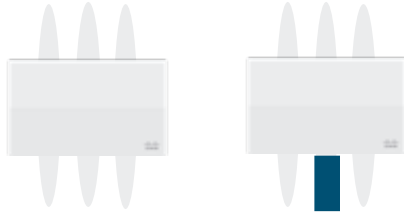


# We have an AP for every occasion

## Indoor models



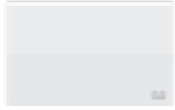
## Indoor models w/ external antenna



## Outdoor models (Ruggedized)



# Leverage the Meraki full stack for even greater benefits



## Wireless Access Points

Optimized for high-density with 802.11ac and bluetooth



## Security Appliances

Feature rich security and unified threat management platform



## Switches

Layer 2 and layer 3 switches for mission-critical networks



## Enterprise Mobility Management

Unified managed and control of thousands of devices



## MI

Optimize User Experience,  
Accelerate IT



## Security Cameras

Streamline deployment and monitoring of video security cameras

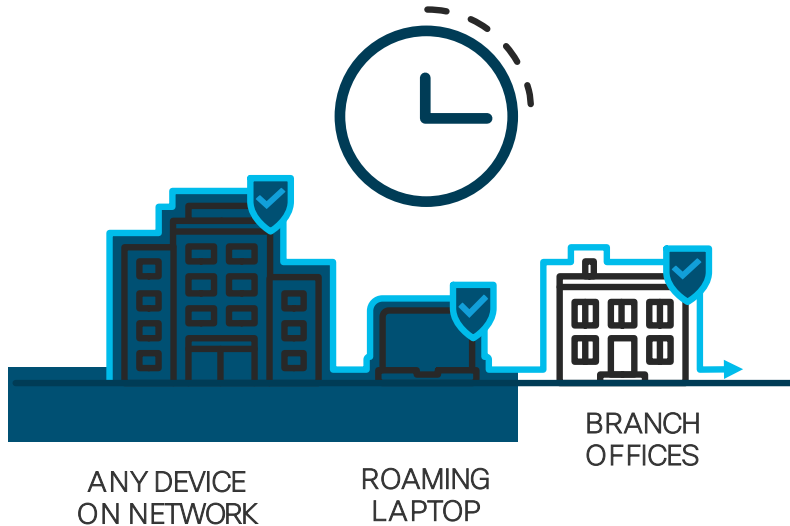
A complete cloud-managed IT portfolio  
Single-pane-of-glass management



# Demo – Meraki Dashboard

# Network Security in minutes: Cisco Umbrella

*For both Mobility Express & Meraki*



## 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

Want a **live, personal demo** of what you saw here today?

*Click the link in the chat window!*





# Any Final Questions?

# Before we go...

# Check Out Our Solution Selector Tool

Simple guidance for choosing the perfect SMB network solutions for you!

You're running a business, and evaluating technology solutions and doing proof of concepts isn't your top priority. That's why we provide a simple tool to help you choose which products are best suited for your environment – switching, wireless, routing, and security – with just a few simple questions.

Try it now at

<http://bit.ly/ciscoselectortool>



# 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.

