### cisco Meraki

STRATEGY GUIDE

# Your guide to small office IT success

m	er	a	KΤ	C	n	m
	<b>U</b> 1	<b>u</b> .			<b>U</b>	

## Providing a great IT experience for your office doesn't have to be a challenge.

Whether you're an IT team of one, your employee devices are last year's models, or you're facing any number of other issues, it can feel thankless.



#### We've got good news

There are many opportunities to make IT the heroes of the office. Cisco Meraki works with over 500,000 customers globally, including many businesses like yours, to drive results that lead to growth and ongoing success.

#### We can partner together

We'll help you adapt to changing needs, mitigate risk and uncertainty, embrace new opportunities, and simplify your IT. So, how do you build a network strategy that delivers these results?

## 25%

of businesses launched new initiatives that were not possible before deploying Meraki.

## 55%

of businesses experienced an increase in business efficiency, security, and profitability.



#### 66

Meraki has given us the ability to spin up a new site virtually in minutes. Having the ease-of-use and scalability to get an entire network stack, including wireless access points and security devices, operational in hours is a game-changer.

AMEL EDMOND CIO, Withum

### How Meraki can help you tackle office IT challenges.

DISCOVER



### Meet Jane

#### SCENARIO

She works from home twice a week. She accesses private client data using her unsecured home Wi-Fi network.

#### PROBLEM

Jane is unknowingly causing a security breach.

#### SOLUTION

Keep your company's data secure and ensure Jane isn't exposing personally identifiable information or confidential materials with the help of the <u>Meraki Z3 teleworker gateway</u> and <u>Meraki Insight</u>.



# Keep your company's data secure

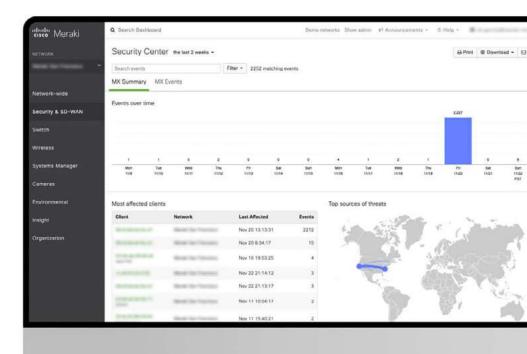
$\bigcirc$	_
$\mathcal{T}$	diih.
	للفلا
ىيە	

Provide a secure in-office experience to remote workers, giving access to your business systems and applications while maintaining visibility and control from a cloud-managed dashboard.

Encrypt your data with Auto VPN and allow employees to securely connect to headquarters or remote sites in just two clicks.



Segment traffic into separate networks to increase security and keep home or guest networks separate from the company network.



### Meet Jane's Coworkers

#### SCENARIO

They gather in the break room at noon every day, jostling around the microwave to warm up their lunches.

#### PROBLEM

They don't stick to social distancing guidelines. Their behavior is concerning the leadership team.

#### SOLUTION

Keep your colleagues at a safe distance and prepare your space for visitors with <u>Meraki MV smart cameras</u> and <u>APIs</u>.





### **Prepare your space** for visitors



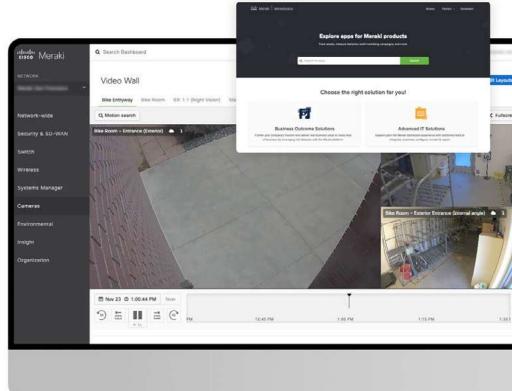
Maintain safe occupancy through advanced video analytics such as object detection and tracking.

· vo
-

Remotely monitor activity in physical spaces by creating video walls, reducing in-person exposure on-site.



Utilize Meraki APIs and brand new apps in the Meraki Marketplace—built for social distancing compliance like contactless engagement and safe navigation.



### **Meet Grace**

#### SCENARIO

Her desk is in the far corner of the office. Her webcam video keeps stopping during conference calls.

#### PROBLEM

Grace doesn't get enough coverage or bandwidth from the Wi-Fi network.

#### SOLUTION

Enable Grace to look and sound crisp in every video conference, while keeping the rest of the business connected and thriving, with high-performance Wi-Fi provided by <u>Meraki MR access points</u>.

cisco

## Keep your company connected



Give everyone the access they need by prioritizing business-critical apps, preventing bandwidth hogs, and creating secure segmentation for visitors.

	$\bigcirc$	)
	Ò	
•	J	0

Reduce troubleshooting time from hours to minutes by diving into metrics to immediately identify problematic access points, clients, and stages of failure

6 . Blanket every corner of your office with reliable Wi-Fi using built-in coverage maps and keep your business on the cutting edge with the latest Wi-Fi 6 technology.

	Access poi	nts									
	List Health	Map Con	section log								
	Overview 12	24 to 13:24	- 0								
Network-wide	3510	v	LAN		AP TAG		BAND				
ecurity & SD-WAN	All SSIDu	*	AI VLANs	*	All tags		2.4.6.5 0Hz				
Switch		216.22			INECTION PROBLEM					ECTED BY HIGH LATERC	v.
Wireless		4 /	24 devi	ices	* 33% from an bo	car agos			4 / 62 d	evices	
Systems Manager	Are there pro	plematic (	connection st	teps?							
Cameras	100 〇		Association	100%							
nvironmental	82	to and	fail ociate								
	1				37.5% faileathent			0HCP: 58.3%	DNS	58.3%	Success: 58.33
nsight	60 40 Null In Eugen Guaran Jan S.					Quin	4.2% fail DHCP	0.00	D% fail DNS	O the	
Organization	10 A0						DHCP		DNS	pass tra	fic .
	20 E										
	0										
	Connection is	sues by S	SID								
	550		sients affected by	connect	un protierro •		To silvered showing	es affected by	connection problems	Prime	ey falure mage
	50M										

### Meet George

#### SCENARIO

He works from the office and connects to the corporate Wi-Fi. He is a magnet for the latest clickbait.

#### PROBLEM

George is consistently introducing viruses into the network.

#### SOLUTION

Stay protected and ahead of the latest cyber threats, making sure George's latest virus doesn't crash your network by using <u>Meraki</u> <u>MX Security and SD-WAN appliances</u>.





# Stay protected and ahead of cyber threats

$\wedge$	
լլսիսիս	
	/
$\sim$	

Stay up-to-date with world-leading enterprise-grade security backed by Cisco Talos threat intelligence, a team of over 250 researchers who prevent 7.2M attacks globally.

Rapidly detect and block malicious files from entering your network automatically with Cisco <u>AMP</u> (Advanced Malware Protection) and through intrusion detection and protection (IDS/IPS) with Cisco SNORT.



Optimize your bandwidth usage by leveraging SD-WAN with automatic WAN failover, ensuring 24/7 uptime and connectivity.

	Advanced Malain	ro Destoration (AMD)		
	Advanced Malwar	(tradied v)		
Network-wide	Whitelisted URLs 0	URL	Comment	Actions
Security & SD-WAN		*.google.com*	Google	X
Switch				
Wireless		*,cisco.com*	Cisco	×
Systems Manager		*.microsoft.com*	Microsoft	X
		*.directtv.com*	Directv	X
Cameras		*.googleusercontent.com	Google content	X
Environmental		".apple.com"	Apple	Х
insight		*.gotomeeting.com*	Gotomeeting	×
	Whiteliated files	There are no whitelisted files.		

### **Meet James**

#### SCENARIO

He runs facilities and is always looking for ways to save costs. He keeps turning off the air conditioning after hours, even in the IT closet.

#### PROBLEM

James' actions are causing the IT equipment to overheat and fail.

#### SOLUTION

Extend the life of your IT infrastructure with <u>Meraki MT sensors</u>, prevent network downtime and lost productivity, and show James how temperature differences impact your bottom line.

### **Prevent network downtime and lost productivity**



Monitor and protect your networking closets and high-value areas against leaks, extreme temperature changes, and unauthorized access, ensuring uncompromised performance.

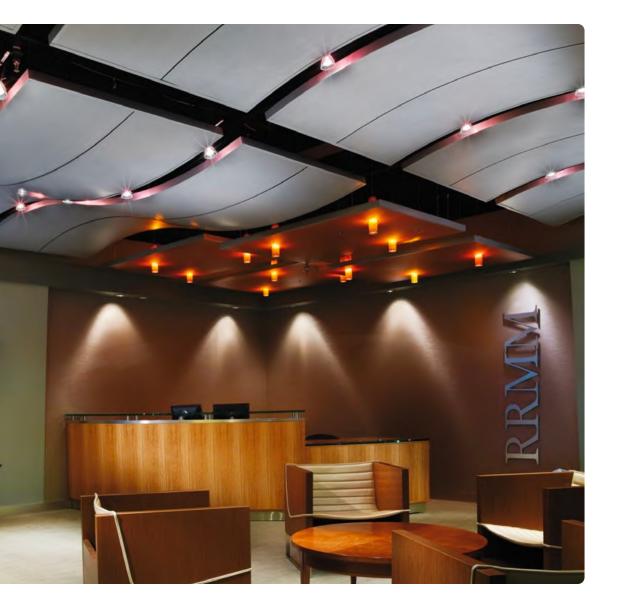
5	9

Get real-time visibility and alerts before environmental factors result in having to replace IT equipment or create network downtime for your employees.

|--|--|

Eliminate costly expenses associated with on-premise servers, dedicated gateways, and management software, and quickly gain value with simple installation.

	Environmental sensors	lor the last day -			
	Overview Sensors Alert profile	es			
etwork-wide	Device status				
ecurity & SD-WAN	OFFLORE	waithout	ONLINE	ODBMAR	η.
witch	•0	•0	•10	= 4	
///8/655					
ystems Manager	Alerting Sensors				
ameras	8 Temperature	() Humidity	© Water detection	[} Open/close	
nvironmental	No sensors have been assigned	No sensors have been assigned	No sensors have been assigned	No sessors have been assigned	
night	temperature alert profiles	homidity alert profiles	water detection alert profiles	open/close alert profiles	
			View	Vere	
Irganization	View	View		670	
rganization	Verw Alert profiles No aler profiles have been created. • Ch				
rganization	Alert profiles				



#### 66

Deploying Meraki security devices and Z3 teleworker gateways enabled us to send our desktop and laptop users home to work. The devices enable us to create a stable VPN connection back to our offices so employees can work efficiently.

Without procuring the Meraki devices, we would not have been able to provide remote work to at least half of our staff.

AARON STURNIOLO IT Director, RRMM

#### Each Meraki solution comes together through our cloud-managed platform, which is designed for ease of new and built for ease of change.

	750 Mark Star Mark					N	1		
work-wide	255 Mb/s	~~~~				and a	5		
urity & S.D. WAN	0 Mich 1	100 10.00 20	M 22.00 M.N.	82.00 04.05	04.05	NR.00 15.00	12.02 14.00	More	
	Policy + Sei	reh	1819 client devices					Dewnipad /	u •
Ness	C Statue	Description		Lest news	Useps+	05	Pv4.sdoms	Potey .	•
ems Manager	0 💌	-		Nov 23 15:04	927.21 GB	Other	10.0074.0	normal	
erris enerager		-	the state interest of	Nov 23 15:04	67.11 GB	Sec.	100.08.07	normal	
4785	0 💌	A CONTRACTOR		Nov 23 15:04	83.09 68	Other	10.000	normal	
ionmentel	0 0	maintenant.		Nov 23 15:04	50.15 68	New York	0.00	normal	
	0.0	design of the second		Nov 23 15:04	21.57 GB	August 11	1.0.0	normal	
	0 💌	Statistics.		Nev 23 15:04	19.58 GB	Debian-based Linux	10000	normal	
estration -	0 *	-		Nov 23 15:04	13.68 GB	Chrome OS	1.00	custom O	
	•	****		Nov 23 15:04	11.37 GB	Other	-	custom O	
	0 0	-		Nov 23 11:48	11.05 GB	Mac OS X 10.14	10.00	reported	
	0 0	And in case of the		Nov 23 15:04	10.31 GB	Mac OS X 10.14	1.0.16.00	normal	
	0 e	Westmann Procession		Nov 23 11:48	8.18 08	Mac OS X 10.14	1.00	normal E. Savin	
	0 0	-		Nov 23 11 48	8.13 GB	Mac 09 X 10.14	0.0.98.0	normal a matter	
								Delwork age	enaity.
_									
								- 44	•0
								107 mg	0.
								Dam	
									61

#### One platform and app

With Meraki, you're always ready for what's next while benefiting from a complete IT management view in a single dashboard.

#### Time to make an impact

Meraki customers have already seen the invaluable impact these solutions have made in their businesses. Let us make the same impact on yours.



To learn more about Meraki solutions for your office: **WATCH OUR ON-DEMAND WEBINAR**  $\rightarrow$ 

meraki.com