cisco Meraki

STRATEGY GUIDE

Your guide to small office IT success

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 that 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

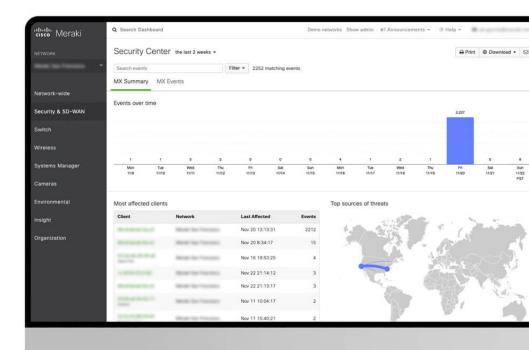
\bigcirc	_
	d::p
	للفلا
لين	

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 Co-workers

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 behaviour 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



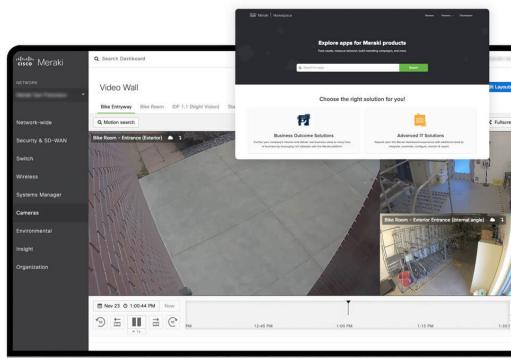
Maintain safe occupancy via advanced video analytics such as object detection and tracking.



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



Utilise 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>.

-1|1-1|1-CISCO

Keep your company connected

|--|

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



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



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.

'liste' Meraki						
	Access points					
	List Health Map	Connection log				
	Overview 12:24 to	13:24 - 🛈				
Network-wide	SSID	VLAN	AP TAG	BAND		
Security & SD-WAN	All SSIDs	All VLANs 👻	All tags -	2.4 & 5 GHz 🔹		
Switch	c	LIENT DEVICES AFFECTED BY COM	INECTION PROBLEMS		CLIENT DEVICES AFFI	ECTED BY HIGH LATENCY
Wireless		4 / 24 devices	+ 33% from an hour ago		4 / 62 de	evices
Systems Manager Cameras	Are there problem	atic connection steps?				
	100		· · · · · · · · · · · · · · · · · · ·			
Cameras Environmental	100	Association: 100%	37.5% failuthentication: 62. to auth	DHCP: 58.	3% DNS	58.3% Success 58.3
Cameras Environmental Insight	100	Association: 100%	37.5% fail-uthentication: 62.	DHCP: 58.3	3% DNS 0% fail DNS	58.3% Success: 58.3 O'X fail to pass traffic
Cameras	100 Creation to the the transformed to the the transformed to the tran	Association: 100%	37.5% fakuthentication: 62- to auth	DHCP: 58.		Office of the other office offi
Cameras Environmental Insight	100 0 600 40 40 40	Association: 100%	37.5% failuthentication: 62. to auth	DHCP: 58.		Office of the other office offi
Cameras Environmental Insight	100 50 60 60 100 100 100 100 100 100	Association: 100% 0% fail to associate	37.5% faikuthentication: 62 to auth	DHCP: 58.		Office of the other office offi
Cameras Environmental Insight	100 601 (1)11 60 (1)11 10 000000 1000000000000000000000000	Association: 100% 0% fail to associate	to auth	DHCP: 58.	0% fail DNS	Office of the other office offi

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 that George's latest virus doesn't crash your network, by using <u>Meraki MX Security and SD-WAN appliances</u>.





Stay protected and ahead of cyber threats



Stay up to date with world-leading enterprisegrade 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 via intrusion detection and protection (IDS/IPS) with Cisco SNORT.



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

	Advanced Malwar	e Protection (AMP)					
Network-wide	Mode 0	Enabled V					
Security & SD-WAN	Whitelisted URLs 0	URL	Comment	Actions			
		.google.com	Google	×			
Switch		*.cisco.com*	Cisco	×			
Wireless		*.microsoft.com*	Microsoft	×			
Systems Manager		*.directtv.com*	Directv	×			
Cameras		*.googleusercontent.com	Google content	×			
Environmental		*.apple.com*	Apple	×			
Insight		*.gotomeeting.com*	Gotomeeting	×			
Organization		Add a whitelisted URL					
Organization	Marco Hanad Bage						
Organization	Whitelisted files	There are no whitelisted files.					
Organization	Whitelisted files	There are no whitelisted files.					
Organization	Whitelisted files	There are no whitelisted files.					
Organization	Whitelisted 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



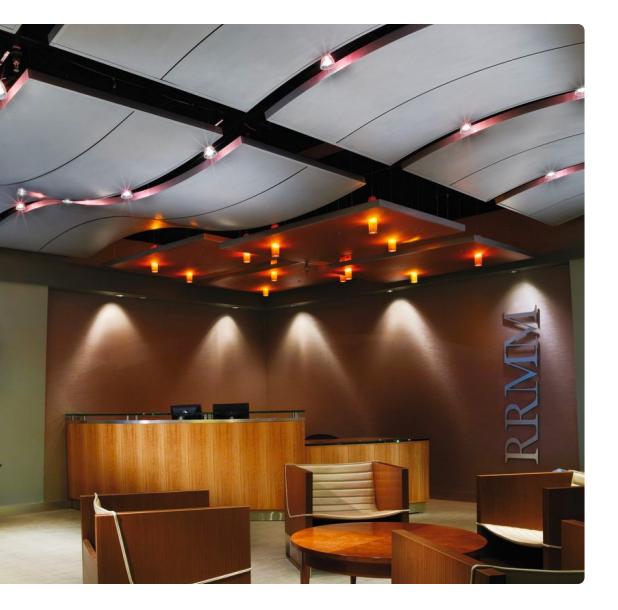
Monitor and protect your networking closets and high-value areas against leaks, extreme temperature changes and unauthorised access, ensuring uncompromised performance.

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	for the last day -				
	Overview Sensors Alert profi	.05				
Network-wide	Device status					
Security & SD-WAN	OFFLINE	WARNING	ONLINE	DORMAI	NT	
Switch	•0	•0	•10	0 4		
Wireless						
Systems Manager	Alerting Sensors					
Cameras	8 Temperature	(6) Humidity	Water detection	G Open/close		
	g romperators	(a) intrinuity	C Harris General.	C. alternation		
Environmental	No sensors have been assigned temperature alert profiles	No sensors have been assigned humidity alert profiles	No sensors have been assigned water detection alert profiles	No sensors have been assigned open/close alert profiles		
Insight						
Organization	View	View	View	View		
	Alert profiles					
	Alert profiles No alert profiles have been created. • Cr	eate a new profile				
		eate a new profile				
		wate a new profile				
		sate a new profile				
		vate a new profile				
		vate a new profile				
		teate a new profile				
		teate a new profile				



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 that 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 via our cloud-managed platform, which is designed for ease of new and built for ease of change.

	750 Mb/s 500 Mb/s					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1		
twork-wide	250 Mb/s				~	12m	L		
curity & SD-WAN	0 Mb/s	6.00 18.00 20:00	22:00 00:00	02:00 04:00	06:00	08:00 10:00	12:00 14:00	More =	
itch	Policy + Sea	arch • 18	19 client devices					Download	As +
eless	Status	Description		Last seen	Usage +	os	IPv4 address	Policy	+
	0 💌			Nov 23 15:04	927.21 GB	Other	10.100.004	normal	
items Manager	•			Nov 23 15:04	67.11 GB	1000	100.00	normal	
meras	0 🛡	No. Management of the		Nov 23 15:04	63.09 GB	Other	10.003	normal	
ironmental	0 0	Statistics.		Nov 23 15:04	50.15 GB	1000 C	10.00.0007	normal	
ght	0 0	manufic to be di-		Nov 23 15:04	21.57 GB	Marcal 10	11.02	normal	
	•	Number of Street		Nov 23 15:04	19.56 GB	Debian-based Linux	10.00	normal	
anization	•	101112-000-007-001		Nov 23 15:04	11.68 GB	Chrome OS	1.0.00.00	custom ()	
	•	*****		Nov 23 15:04	11.37 GB	Other		custom Ø	
	O Ø	10100-0000-011ac		Nov 23 11:48	11.05 GB	Mac OS X 10.14	10.00	normal	
	0 0	ADDRESS OF THE		Nov 23 15:04	10.31 GB	Mac OS X 10.14	10.00	normal	
	0 0	Contractor, Name		Nov 23 11:48	8.18 GB	Mac OS X 10.14	10.00	normal 11.32	rancisco
	0 0	the state of the second state		Nov 23 11:48	8.13 GB	Mac OS X 10.14	10.00.000.07	normal.	
	_							Network a	ummary
								• 100.	estan in
								bevices	ALEPTON
								•44	•0 •
								Cherits	
									started in

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