



MIDCO  
BUSINESS®

# SD-WAN

Dashboard Guide

[Dashboard.Meraki.com](https://dashboard.meraki.com)



# Understand your network.

With an SD-WAN (software-defined wide area network) solution from Midco Business®, you can access a personalized dashboard powered by Meraki. This allows you to view real-time stats and information about your network, including:

- Overall network performance
- Individual branch customer premises equipment
- WAN connection health
- Bandwidth usage
- Security incidences
- Wireless access points
- And more

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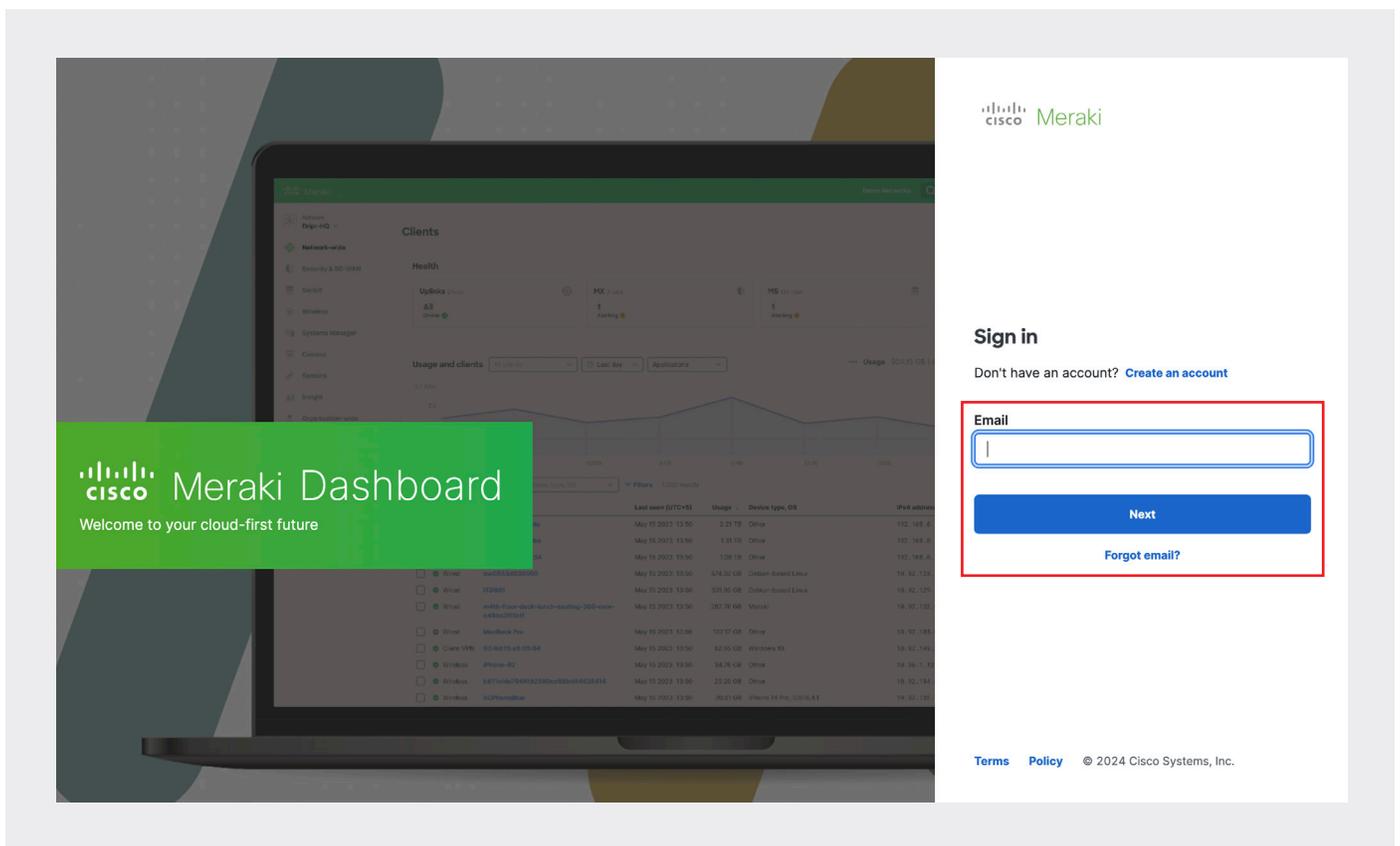
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# Log In

1. Visit .
2. Enter your email address.
3. Click **Next**.
4. Enter your unique password.
5. Click **Sign in**.





# Monitor View

This is the default view all SD-WAN customers can use. It gives you basic access to your network information.

## Summary Report

See the summary report for your clients in the **Monitor** view.

Summary Report from the last day

Usage stats

TOTAL DATA TRANSFERRED	TOTAL DATA DOWNLOADED	TOTAL DATA UPLOADED
8 KB	0 KB	8 KB

Client stats

TOTAL UNIQUE CLIENTS	AVERAGE USAGE PER CLIENT
1	8 KB

Here, you can get an overview of information and create customized reports. Explore usage stats, top devices, top clients by usage and much more.

Summary Report from the last day

Usage stats

TOTAL DATA TRANSFERRED	TOTAL DATA DOWNLOADED	TOTAL DATA UPLOADED
8 KB	0 KB	8 KB

Usage over time

Client stats

TOTAL UNIQUE CLIENTS	AVERAGE USAGE PER CLIENT
1	8 KB

Splash page

NUMBER OF CLIENTS TO REQUEST PAGE	NUMBER OF CLIENTS GRANTED ACCESS
0	0

Top clients by usage

Description	Usage	% Usage
office-switch	8 KB	100.00%

Top client device manufacturers by usage

Manufacturer	Usage	# Clients	% Clients
Cisco Systems	8 KB	1	100.00%

Top device models by usage

Model	# Devices	Usage	Average Usage per Device
MX68CW-NA	1	8 KB	8 KB

Top operating systems by usage



# Clients

Get information about your clients under **Monitor**.



This is the place to see the status, description and usage of your clients.





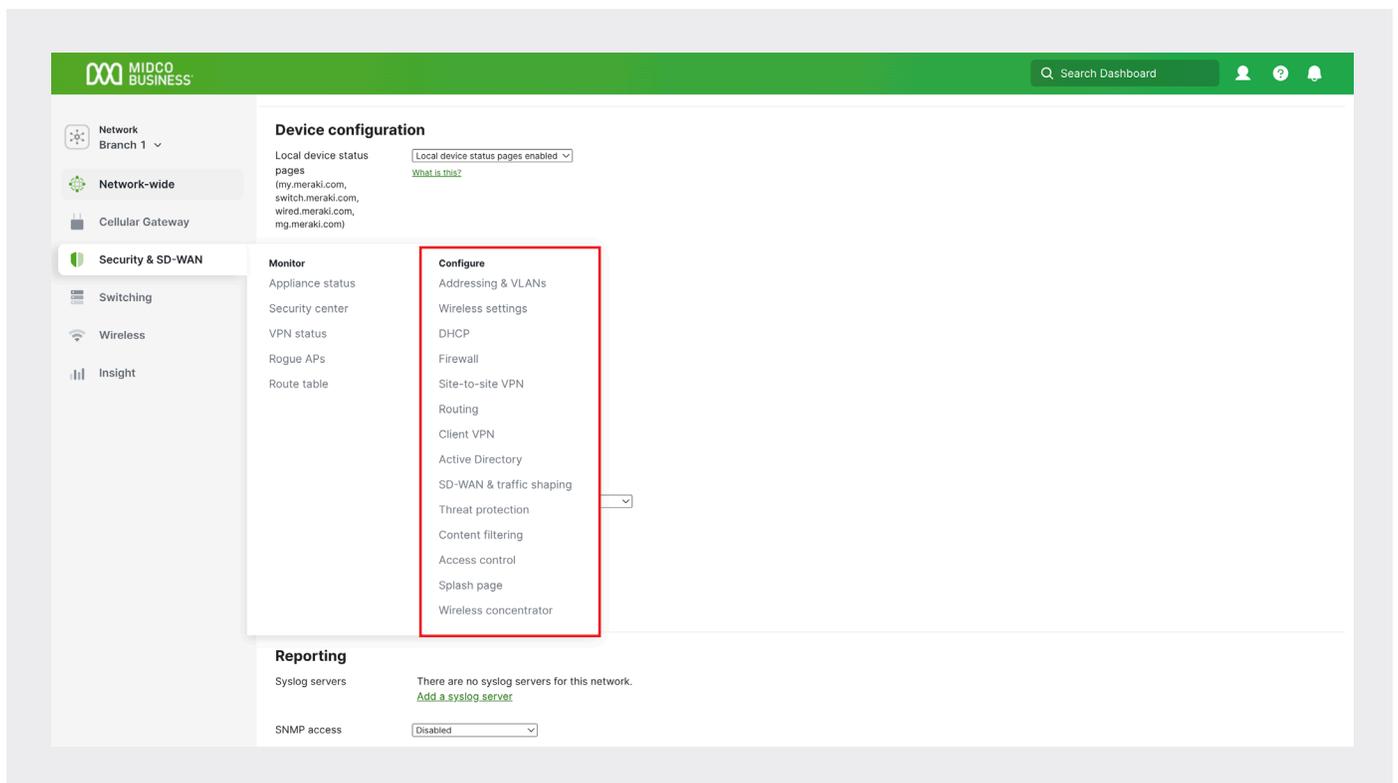
# Read-Only View

If you want to access more information about your SD-WAN solution, request the advanced read-only view. This gives you more visibility but does not allow you to make any changes.

Contact Business Client Care at 1.800.888.1300 to increase your access.

## Configuration Settings

Under each tab, you can view configuration settings. As this is a read-only dashboard, you can only see what settings are available. This is what Midco engineers use to provision your solution. If you would like to make changes, you need to call Business Client Care at 1.800.888.1300.





## Network-wide

Under the **Network-wide** tab, select **Clients** for view easy-to-digest info, including uplinks, usage, WAN appliances, switches and access points.

The screenshot displays the MIDCO BUSINESS dashboard for 'Network-wide' under the 'Clients' tab. The interface includes a search bar, navigation menu, and several summary cards. A red box highlights the 'Clients' option in the 'Monitor' menu. Another red box highlights the 'Network-wide' tab in the left sidebar. A third red box highlights the 'Usage and clients' section, which contains a line graph and a table of active clients.

**Summary Cards:**

- Uplinks: 3 total, 1 Warning
- WAN appliances: 1 total, All Online
- Switches: 1 total, All Online
- Access points: 1 total, All Online

**Usage and clients:** Usage 15.66 MB (↓7.98 MB, ↑7.68 MB)

**Table of Active Clients:**

Status	Description	Last seen (UTC-5)	Usage	Client type, OS	MAC address	IPv4 address	Connected to	Policy
Wired	SIP-T57W	Jun 05 2024 12:08	14.73 MB	Other			MX-DemoCustomer-Branch1	Normal
Wired	Polycom_0004f2d3cdd4	Jun 05 2024 12:07	950 KB	Other			MS-DemoCustomer-Branch1	Normal



## Topology

Choose **Topology** to see the **L2 - Link layer** or the **L3 - Networking layer**. You can access a downloadable chart on how each of your layers are interconnected.

The screenshot displays the Midco Business SD-WAN dashboard. The top navigation bar includes the Midco Business logo, a search bar, and user profile icons. The left sidebar contains navigation options: Network Branch 1, Network-wide, Cellular Gateway, Security & SD-WAN, Switching, Wireless, and Insight. The main content area is titled 'Topology' and features a menu with 'Monitor' and 'Configure' sections. The 'Monitor' section includes 'Clients', 'Topology' (highlighted with a red box and a checkmark), 'Event log', 'Summary report', and 'Map & floor plans'. The 'Configure' section includes 'General', 'Administration', 'Alerts', 'Group policies', 'Users', 'Add devices', and 'VLAN profiles'. Below the menu, a network diagram is shown with a search bar, '1 online' status, and 'Download' and 'Print' buttons. The diagram illustrates connections between 'MX-DemoCustomer-Branch1' and 'MX-DemoCustomer-HQ' via an 'IPN Tunnel'. Other nodes include 'User Network', 'Guest Network', and 'Midco-MGMT'. A 'Device Legend' at the bottom left defines symbols for Transit VLAN, Client VLAN, L3 Switch, Security Device, and Non-Meraki Next Hop.



# Cellular Gateway

Locate information about your cellular gateways under the **Cellular Gateway** tab.

The screenshot shows the 'Cellular Gateways' dashboard for the last day. It features a summary of gateway status: OFFLINE (0), ALERTING (0), ONLINE (1), and DORMANT (0). A 'Monitor' dropdown menu is open, highlighting 'Cellular gateways'. Below the summary is a table with one entry:

#	Status	Name	MAC address	Connectivity
1	●	MG-DemoCustomer-Branch1		

Here you can look at the status over different lengths of time, as well as check on signal strength.

The top screenshot shows the 'Cellular Gateways' dashboard with a search filter applied to '1 cellular gateway'. The table below shows the gateway details:

#	Status	Name	MAC address	Connectivity
1	●	MG-DemoCustomer-Branch1		

The bottom screenshot shows the detailed configuration and status for 'MG-DemoCustomer-Branch1'. It includes a map of the location in Sioux Falls, SD, and configuration details for two SIM cards:

Configuration	Summary	Uplink	Location	Tools
<b>SIM 1</b> (PRIMARY)	ICCID	IMSI	MSISDN	Status: Active
<b>SIM 2</b>	ICCID	IMSI	MSISDN	Status: Standby

Additional details include: Radio Access Technology: 4G; Bands: 14 (10 MHz) - PCC (primary); Signal Strength: Great (with a signal strength icon).



## Security & SD-WAN

Click on the **Security & SD-WAN** tab to see appliance status, security center information and VPN status. Under **Appliance status**, you can see active ports and historical device data.

The screenshot shows the Midco Business dashboard for a specific appliance. The left sidebar contains navigation options: Network Branch 1, Network-wide, Cellular Gateway, Security & SD-WAN (selected), Switching, Wireless, and Insight. The main content area is titled 'MX-DemoCustomer-Branch1' and includes a map of Sioux Falls, SD, and a status indicator for WAN 1 (Active). The 'Ports' section displays 12 ports, with Internet ports 1-10 and PoE ports 11-12. The 'Historical device data' section for the last day shows a 'Connectivity' bar at 100% and a 'Network usage' line graph for WAN 1 and WAN 2, with WAN 1 showing a peak usage of approximately 45 Mb/s around 18:00.

**Appliance status** is also where you can run **Ping**, **Traceroute** and **ARP**. Click on the Tools button to see all your options.

The screenshot shows the 'Tools' section of the dashboard. The 'Tools' tab is selected in the top navigation bar. The 'Ping' section has a 'Source IP Address' dropdown set to 'Default' and a text input for 'IP or domain name', with 'Ping' and 'Ping WAN appliance' buttons. The 'Blink LEDs' section has a 'Run' button. The 'Dashboard throughput' section has a 'Run' button. The 'Traceroute' section has an 'Uplink' dropdown set to 'Internet 1' and a 'Run' button. The 'MTR (Enhanced Traceroute)' section has a text input 'icmp.canireachthe.net', 'Num cycles: 1', an 'Interface' dropdown set to 'Internet 1', and a 'Run' button. The 'DNS lookup' section has a 'Hostname' input 'canireachthe.net' and a 'Run' button. The 'ARP table' section has a 'Run' button. The 'Test Umbrella connectivity' section has a 'Run' button.



# Security & SD-WAN

The **Security center** page shows a summary of blocked malware or any malicious attempts.

The Security Center dashboard displays a summary of blocked malware or malicious attempts. It includes a search bar, a filter dropdown, and a table of Retrospective Malware Detections. A bar chart shows Events over time, and a table lists Most prevalent threats.

Received On	Threat Name	Clients Affected
Mar 26 11:07:57	c4254c4.js.zip	1

Threat	Occurrences
APP-DETECT Steam game URI handler	130
BROWSER-IE Microsoft Internet Explorer HTML DOM invalid DHTML textnode creation attempt	34
BROWSER-IE Microsoft Internet Explorer userdata behavior memory corruption attempt	12
FILE-FLASH Adobe Flash Player mp4 size memory corruption attempt	6
EXPLOIT-KIT Javascript obfuscation technique - has been observed in Ramayana/Dotika/Chef/DoiCache exploit kit	2
BROWSER-PLUGINS Microsoft Windows Scripting Host Shell ActiveX function call access	2
FILE-FLASH Adobe Flash Player ActiveX URL import attempt	1

See the **VPN status** section to view connectivity, usage, latency and uplink decisions.

The VPN Status dashboard provides a comprehensive overview of VPN connectivity, usage, latency, and uplink decisions. It includes a search bar, a filter dropdown, and a table of VPN participants. A bar chart shows Usage, a line chart shows Latency, and a pie chart shows Connectivity. A table lists Uplink decisions.

Status	Description	Usage	Latency (avg)	Connectivity
●	HQ	14.9 MB	21 ms	
1 total				

Peer	Protocol	Source	Destination	Uplink decision	Reason	Policy	Last seen
HQ	ICMP			WAN 1	Primary uplink	Fail over if uplink is down	10:39
HQ	ICMP			WAN 1	Primary uplink	Fail over if uplink is down	10:39



# Switching

The **Switching** tab gives you access to view a summary of the switches and the active switch ports. Note that all of your switches and access points are owned by Midco.

The screenshots illustrate the 'Switching' tab in the Midco Business dashboard. The first screenshot shows the 'Switches' overview with a dropdown menu for 'Switches' and 'Switch ports'. The second screenshot shows the 'Switches' table with one entry: MS-DemoCustomer-Branch1. The third screenshot shows the 'Switch Ports' table with 10 entries for various ports on MS-DemoCustomer-Branch1.

Status	Name	MAC address	Connectivity (UTC-5)	Serial number	Local IP
<input type="checkbox"/>	MS-DemoCustomer-Branch1		<div style="width: 100%;"></div>		

Switch / Port	Name	Type	VLAN	Received bytes	Sent bytes	Status
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 1 details	AP1	trunk	native 1	19.9 MB	23.6 MB	<div style="width: 100%;"></div>
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 2 details		access	20	1.6 MB	5.4 MB	<div style="width: 100%;"></div>
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 3 details		trunk	native 1	-	-	<div style="width: 0%;"></div>
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 4 details		trunk	native 1	-	-	<div style="width: 0%;"></div>
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 5 details		trunk	native 1	-	-	<div style="width: 0%;"></div>
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 6 details		trunk	native 1	-	-	<div style="width: 0%;"></div>
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 7 details		trunk	native 1	-	-	<div style="width: 0%;"></div>
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 8 - uplink details	Uplink to MX	trunk	native 1	39.3 MB	43.1 MB	<div style="width: 100%;"></div>
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 9 details		trunk	native 1	-	-	<div style="width: 0%;"></div>
<input type="checkbox"/> MS-DemoCustomer-Branch1 / 10 details		trunk	native 1	-	-	<div style="width: 0%;"></div>



## Wireless

Under the **Wireless** tab, you can see an **Overview** of the performance or any issues with the wireless network, along with a client and usage overview.

**Access points**

Overview List Health Map Connection log Timeline

**Wireless overview** Last week All SSIDs New

**Connection health** Excellent

Failed clients	Time to connect	Roaming
0 / 1	0.17 s Expected < 5 s	N/A

**Performance health** Excellent

Latency	Packet loss	Signal quality (SNR)
3.26 ms Expected < 60 ms	0% Expected < 10%	50 dB Expected > 27 dB

**Network service health** Excellent

RADIUS success	DHCP success	DNS success
N/A	100%	100%

**Client overview**

AVG CLIENTS PER ACCESS POINT	TOP FAILURE STEP
0	DNS (0%)

**Usage overview**

TOTAL USAGE	TOP APPLICATION
13.56 GB	Google Services (94%)

You can also choose **List** to ensure all are up and running as they should.

Overview **List** Health Map Connection log

0 Offline	0 Alerting	1 Online	0 Repeaters
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# SD-WAN Support Information

## **Midco.com/Business/Contact**

Reach out to Business Customer Care if you:

- Have questions about any of the information in the dashboard
- Would like to increase your viewing permissions

## **Midco.com/Business/SDWANSupport**

Visit our online support page for more information.