ADVANCED DATA SECURITY

PRODUCT OVERVIEW

MEDIACOM℠
BUSINESS

POWERFUL YET SIMPLE, ADVANCED DATA SECURITY HELPS PROTECT AGAINST SECURITY BREACHES BY BLOCKING EMPLOYEES AND GUESTS FROM ACCESSING COMPROMISED WEBSITES AND INFECTED LINKS.

It aids to safeguard all devices connected to the secured internet, including smartphones, security cameras, wireless printers, point-of-sale hardware, and other connected devices.

Our service works to detect and block threats such as malware, ransomware, phishing, botnets, viruses, and more by disrupting malicious network communications that can compromise your network. This means that devices connected to the secure internet are protected from communicating with these malicious domains.

We take a proactive approach to stop your network from becoming infected, rather than waiting to react once a problem occurs. The service is backed both by community threat intelligence and AI-driven models which scan for, detect, and block novel threats in real-time.

Your personalized portal provides you with anytime visibility into the activity on your network, displaying both a summary of internet traffic and also advising of threats blocked and other reporting over customizable time periods.

FEATURES:

Real-time protection

Our service safeguards your devices using cloud-based security. It is constantly sweeping the internet using AI-based models which scan for, detect, and block both known and novel threats in real-time.

Seamless coverage

All devices (including IoT) connected to your network are covered. No extra software or multiple licenses are needed.

Responsive support

Dedicated customer service, 365 days a year.

Great value

A low monthly cost providing tremendous value to protect your business. No additional hardware, installations, or software fees.
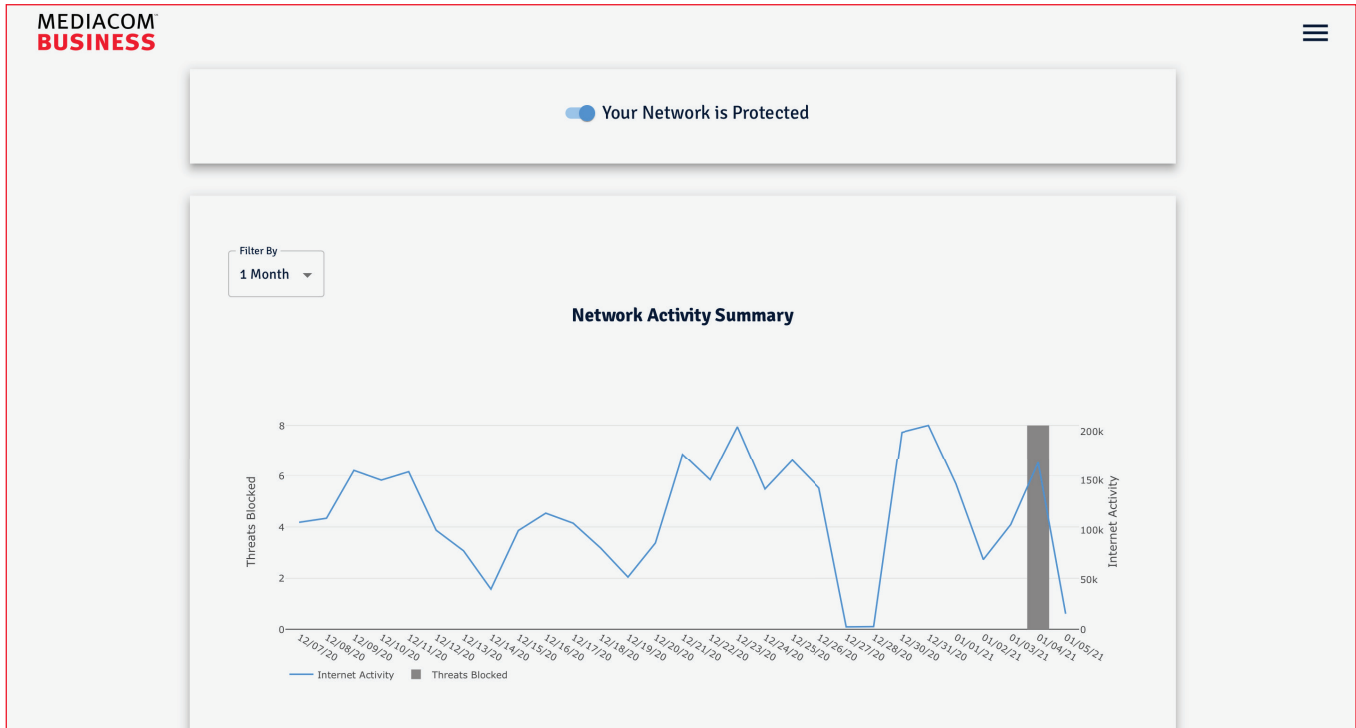
Easy deployment

Everything happens on the back end within the Mediacom Business network. No need for separate installation and costly equipment.

Anytime visibility

View a personalized dashboard that reflects your internet usage and threats to your network.
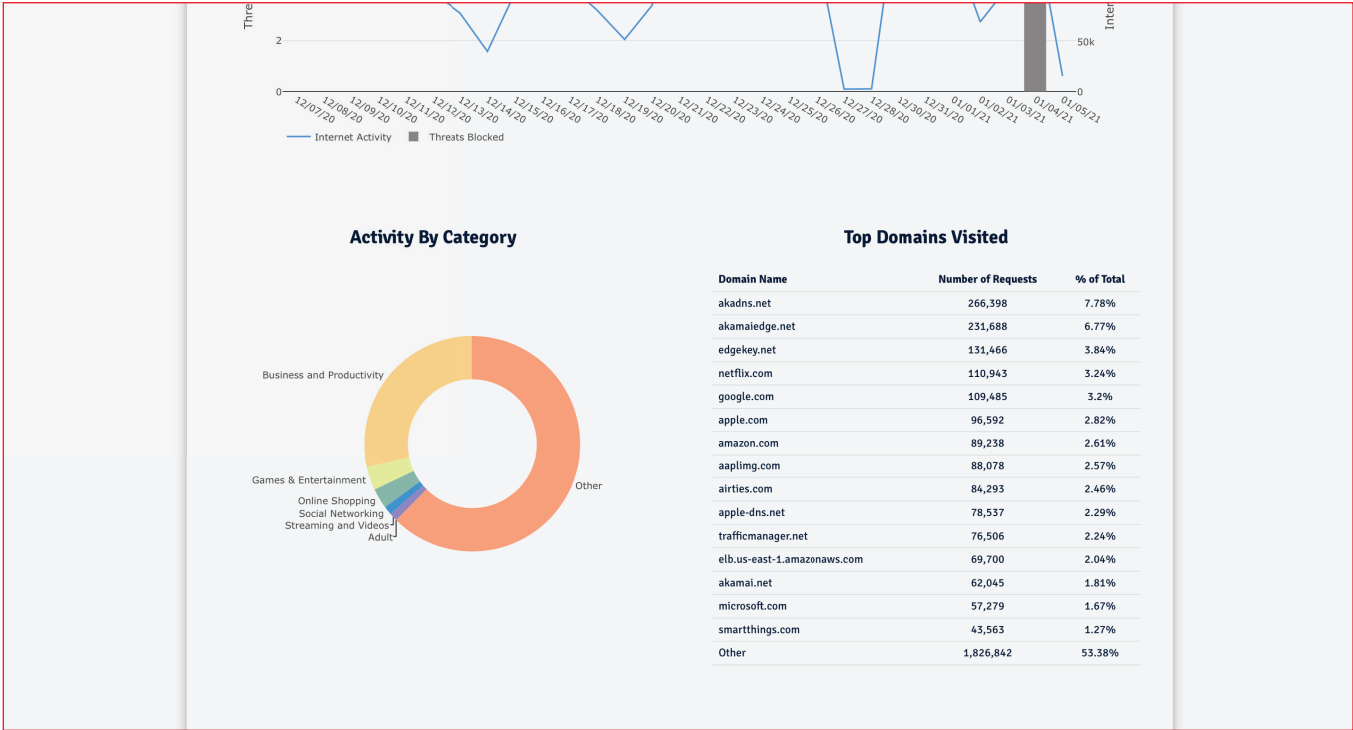
At the top of the page you will find a switch that allows you to turn your service on/off. You should see the toggle lit to blue and reading **"Your Network is Protected."** This will ensure that your network and all of your connected devices are receiving the latest in cybersecurity protection!

In the first section of the dashboard you will see your **"Network Activity Summary."** You have the option to select daily, weekly, or monthly timeframes. The blue line on the chart reflects your internet activity in a given hour or day, measured in the number of DNS requests. This will provide you with an accurate reflection of the daily activity on your network. Next, you will notice gray bars on the graph during time periods that your Advanced Data Security has detected and blocked a cyber threat on your network. This bar will grow on days where you may have had multiple threats blocked.

Activity By Category

Top Domains Visited

Domain Name	Number of Requests	% of Total
akadns.net	266,398	7.78%
akamaiedge.net	231,688	6.77%
edgekey.net	131,466	3.84%
netflix.com	110,943	3.24%
google.com	109,485	3.2%
apple.com	96,592	2.82%
amazon.com	89,238	2.61%
aaplimg.com	88,078	2.57%
airties.com	84,293	2.46%
apple-dns.net	78,537	2.29%
trafficmanager.net	76,506	2.24%
elb.us-east-1.amazonaws.com	69,700	2.04%
akamai.net	62,045	1.81%
microsoft.com	57,279	1.67%
smartthings.com	43,563	1.27%
Other	1,826,842	53.38%

Next, you will find a more detailed breakdown of the internet activity on your network. First, you will see your online **"Activity by Category"** reflected in the time frame you have selected above. This is a good way to keep tabs on your network to ensure that the majority of the activity taking place is suitable for business purposes.

Activity has been aggregated and broken down into the following seven categories:

- Business & Productivity

- Games & Entertainment

- Social Networking

- Streaming & Videos

- Online Shopping

- Adult

- Other

To the right of the pie chart, you will see the **"Top Domains Visited"** across your network. It reflects, in granular detail, the number of requests made to each domain and the percentage of your overall network activity that is taking place at said domain. Again, this can be useful to monitor the activity that is taking place to ensure that the domains being visited are suitable for business purposes.

elb.us-east-1.amazonaws.com		69,700	2.04%
akamai.net		62,045	1.81%
microsoft.com		57,279	1.67%
smartthings.com		43,563	1.27%
Other		1,826,842	53.38%

Top Threats Blocked

Blocked Domain	Date & Time	Threat Type	Number of Requests	% of Total
vk-trans.ru		Malware	13	162.5%
sernurtekstil.com		Malware	7	87.5%
thelegoarchitecture.com		Malware	7	87.5%
order-click.website		Malware	6	75.0%
lerava.club		Malware	4	50.0%
anticovid19.sk		Malware	4	50.0%
webplugintheme.com		Malware	4	50.0%
terahere.com		Malware	3	37.5%
topsadd.com		Malware	3	37.5%
bahisidealim.com		Malware	3	37.5%
scribd-downloader.com		Malware	2	25.0%
myworktracker.com		Malware	2	25.0%
mquestgroup.com		Malware	2	25.0%
lctvnewshindi.com		Malware	2	25.0%
nastepstwo-pomozmy.eu		Malware	2	25.0%
Other		Malware	-56	-700.0%

Last, but certainly not least, you will find a breakdown of the "Top Threats Blocked" by Mediacom Business Advanced Data Security. This list will provide you with great actionable data to determine when your business may be facing an issue with your network. An otherwise "healthy" network will have zero or a very limited number of threats blocked in a given week or month. However, when this number begins to grow significantly, it is something in need of greater investigation. Perhaps your network is facing a targeted attack, you have a compromised device in your network, or your employees or customers are visiting websites that may be putting your network at risk. Mediacom Business Advanced Data Security will work to protect you from these threats and your dashboard can provide visibility into the issues on your network.

FREQUENTLY ASKED QUESTIONS:

How do I know that Advanced Data Security is working?

We hope that you rarely notice the service in your day-to-day life. Advanced Data Security will be working quietly in the background so that you can focus on your business. If you are interested in your internet usage and the threats that our service has protected you from, you can view your personalized dashboard and see up-to-the-minute data on what is happening in your network.

Does Advanced Data Security require extra hardware?

No. Your network is remotely configured to provide you with the protection you need, without compromising your internet experience. The service works at the traffic level and is fully integrated in the back end.

With Advanced Data Security, can I get rid of my antivirus software?

We recommend having many layers of defense. Advanced Data Security is not a replacement for your antivirus which can detect and help remediate threats already in your system. Our service takes a more proactive approach and helps your network from becoming infected in the first place.

If I do become infected or suffer a data breach, will Advanced Data Security help?

Unfortunately, that is beyond the scope of what our service can provide at the network level. Advanced Data Security will help to prevent your network from communicating with malicious domains, but it cannot clean your network or recover your data.

What do I do if a site that I want to access is blocked?

Simply reach out to the Mediacom Business Support Team and the website will be investigated and whitelisted quickly, if safe.

With Advanced Data Security, is all of my internet traffic monitored?

Advanced Data Security passively monitors your internet traffic in order to provide you with cyber threat protection and reporting through your dashboard. High level usage data is stored for the time required to provide reporting and is then destroyed after the reporting window has passed (approximately one month).

If you have any questions or concerns, please contact Mediacom Business Support at 1-800-379-7412 or business_support@mediacomcc.com.

MEDIACOM℠
BUSINESS