

DNS SECURITY FILTERING

MCNC's DNS Security Filtering is a cloud-based security service powered by Akamai's Enterprise Threat Protector platform. The service protects against malware, ransomware, phishing, and DNS data exfiltration by automatically checking requested domains against Akamai's real-time domain risk scoring engine. Domains and IP addresses associated with malicious sites will not be resolved, preventing users from accessing the malicious sites.



Easy to Deploy

Preconfigured settings make installation and use a breeze.



Robust and Reliable

Built on the carrier grade Akamai Enterprise Threat Protection Platform.



Low Cost High Impact

Pay only for full time employees, but get coverage for the ENTIRE network.



Strong Network Defense

Provides a high security value through a filtered DNS Server.



No Hardware Required

On-site equipment is not needed making integration seamless.



Known Threat Protection

Malware
Phishing
Command and Control (Botnet)
DNS Exfiltration

ALL THE POWER for a FRACTION OF THE COST

"The service paid for itself in one phishing attack! When folks clicked the email document, it looked like nothing happened, however when I investigated I found out that the document was redirecting them to a site that was being blocked by the DNS filtering service. If it hadn't been for the DNS Filtering Service we would have been hit hard."

Jeffrey C Benfield

Chief Information Officer, Mitchell Community College

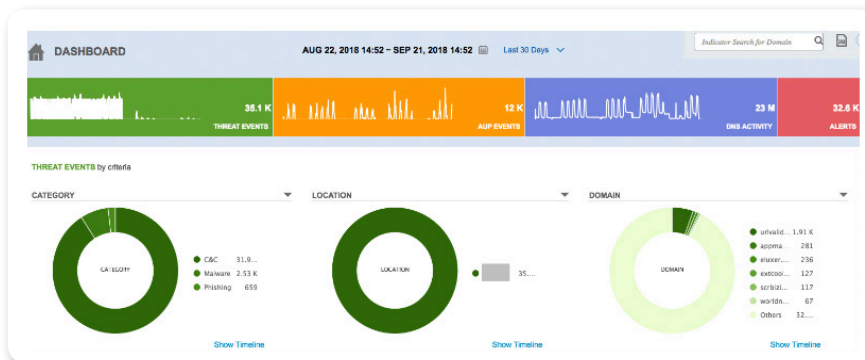
Contact us for a quote at **(919) 248-1999** or via email at info@mcnc.org. Visit us online at www.mcnc.org/our-solutions/security/dns-security-filtering to get your DNS Filtering Solution today.

Acceptable Use Policy (AUP) Management Page

Policies are easily managed and changed

Categories	Subcategories	Block
▶ Adult		<input checked="" type="checkbox"/>
▶ Alcohol		<input type="checkbox"/>
Cyberbullying		<input type="checkbox"/>
▶ Dating		<input type="checkbox"/>
Drugs		<input type="checkbox"/>
File Sharing		<input type="checkbox"/>
▶ Gambling		<input type="checkbox"/>
Games		<input type="checkbox"/>
▼ Illegal		<input checked="" type="checkbox"/>
	Criminal Skills	<input type="checkbox"/>
	Hacking	<input type="checkbox"/>
	Plagiarism	<input type="checkbox"/>
▶ Large Bandwidth		<input type="checkbox"/>
▶ Pornography		<input type="checkbox"/>
Remote Access		<input type="checkbox"/>
▶ Social		<input type="checkbox"/>
▶ Sports		<input type="checkbox"/>
▶ Suicide		<input type="checkbox"/>
▶ Tobacco		<input type="checkbox"/>
▶ Violence And Hate		<input type="checkbox"/>
▶ Weapons		<input type="checkbox"/>

DNS Security Filtering Dashboard



Security Policy Configuration Page

Where the 4 threat categories are configured (Malware, Phishing, C&C and DNS Exfiltration)

Category	Type	Threat Response	Send Alert
Malware	Known	Block - Error Page	<input type="checkbox"/>
	Suspected	Monitor	<input type="checkbox"/>
Phishing	Known	Block - Error Page	<input type="checkbox"/>
	Suspected	Monitor	<input type="checkbox"/>
C&C	Known	Block - Error Page	<input type="checkbox"/>
	Suspected	Monitor	<input type="checkbox"/>
DNS Exfiltration	Known	Block - DNS	<input type="checkbox"/>
	Suspected	Monitor	<input type="checkbox"/>

- ✓ **Real Time Threat Intelligence**
Up-to-the-minute threat intelligence with low false positives.
- ✓ **AUP Management**
Customize and enforce your enterprise AUP and ensure compliance by limiting access to certain content categories.
- ✓ **Analysis and Reporting**
Real-time insight via an easy-to-use dashboard into all outbound enterprise DNS traffic.

- ✓ **Security Insights**
Quickly understand why Akamai has added a domain or a URL to its threat intelligence lists.
- ✓ **Logging**
DNS logs are retained for 30 days and can easily be exported as a .CSV file or integrated into a SIEM for further analysis.
- ✓ **Enterprise Connectors**
End-point client, Sinkhole, and ETP Proxy features available at no additional cost.

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