

## 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.



### Low Cost High Impact

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



### No Hardware Required

On-site equipment is not needed making integration seamless.



### Robust and Reliable

Built on the carrier grade Akamai Enterprise Threat Protection Platform.



### Strong Network Defense

Provides a high security value through a filtered DNS Server.



### 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

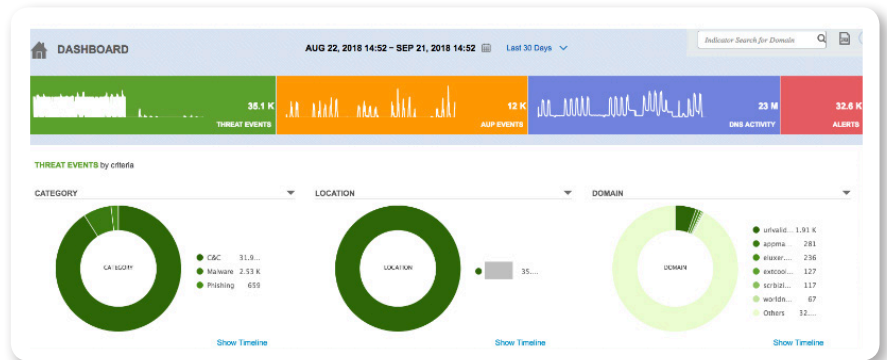
Contact us for a quote at **(919) 248-1999** or via email at [info@mcnc.org](mailto:info@mcnc.org).  
Visit us online at [www.mcnc.org/services/dns-security-filtering](http://www.mcnc.org/services/dns-security-filtering)  
to get your DNS Filtering Solution today.

## 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.

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

