



# flareDNS



Pure Content Filtering



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# Why CybX?



Solutions use  
proprietary encryption  
strategies



Combined 55 years' experience of  
leadership and innovation in data and  
data center protection



Trusted, reliable solutions.  
Located in a secure facility in  
McKeesport PA.



CybX holds six immune  
architecture patents

# Solutions You Can Trust

*CybX solutions are developed in line with:*

## ISO

- International Organization for Standardization.

## NIST

- National Institute of Standards and Technology.

## ANSI

- American National Standards Institute.

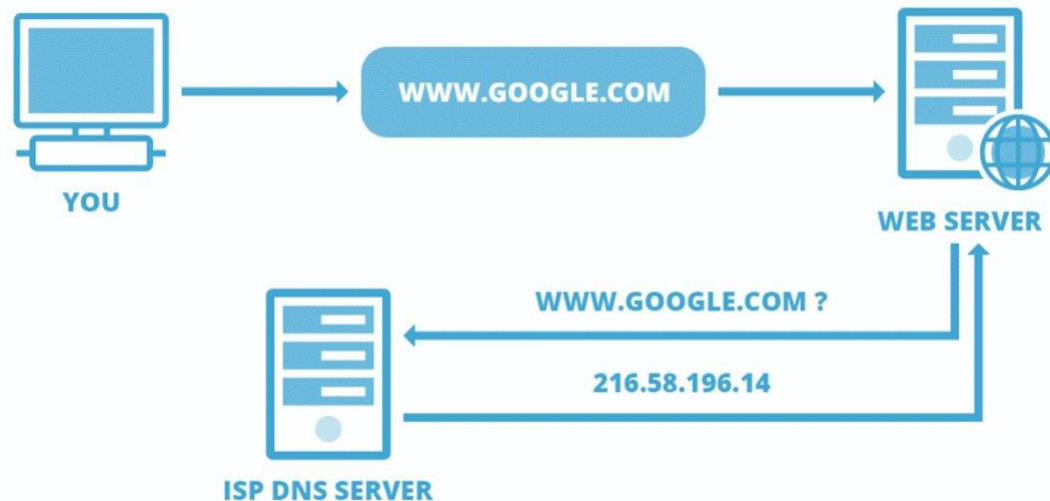
## CIS

- Computer Information Science.



# What is DNS? (Domain Name System)

DNS is how every device searches the internet using names people are familiar with.



- Computers use IP addresses (internet protocol) to communicate with one another on the internet.
- DNS is what converts IP addresses into humanized domain names.
- What once looked like, 8.8.8.8, now looks like, www.google.com.
- Without DNS, the internet would not exist.

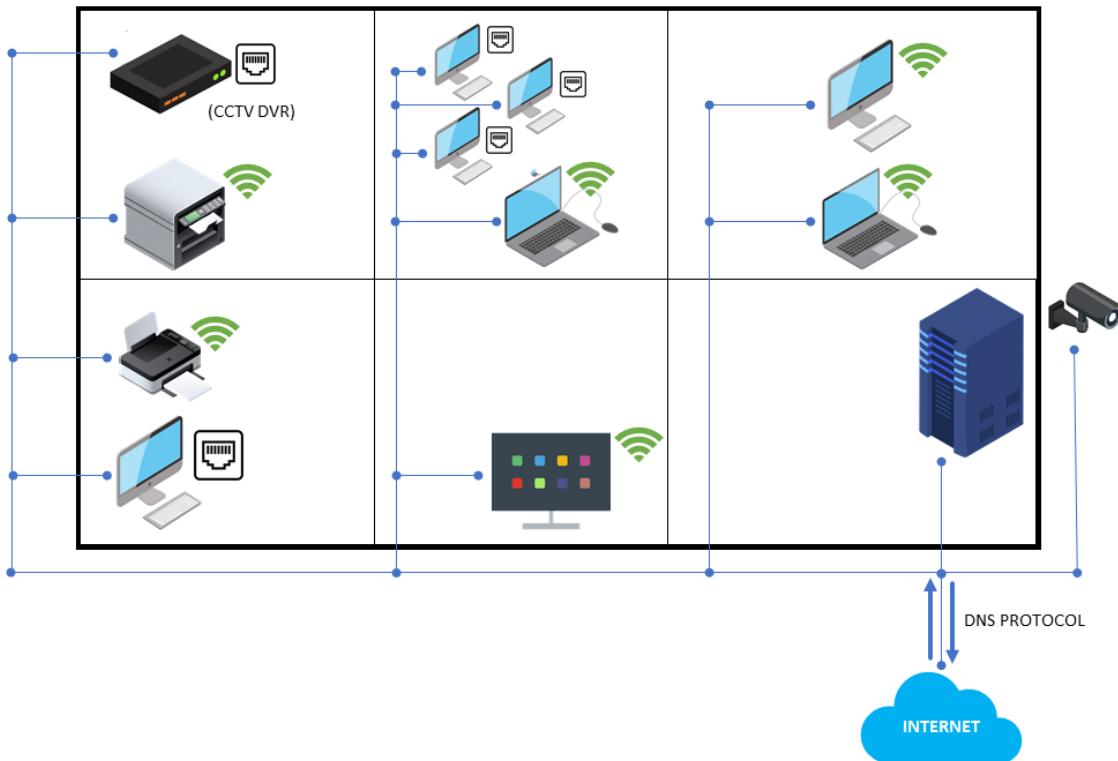
# Why DNS Protection?

- Some **DNS protocols** are inherently insecure and have prolific vulnerabilities.
- **100%** of malicious ads, viruses, phishing, malware and ransomware can all be blocked at DNS level when identified.
- **flareDNS** provides an additional layer of protection by blacklisting dangerous sites and filtering out unwanted content, keeping employees on and off-site from facing unnecessary risks for potential cyber-attacks.



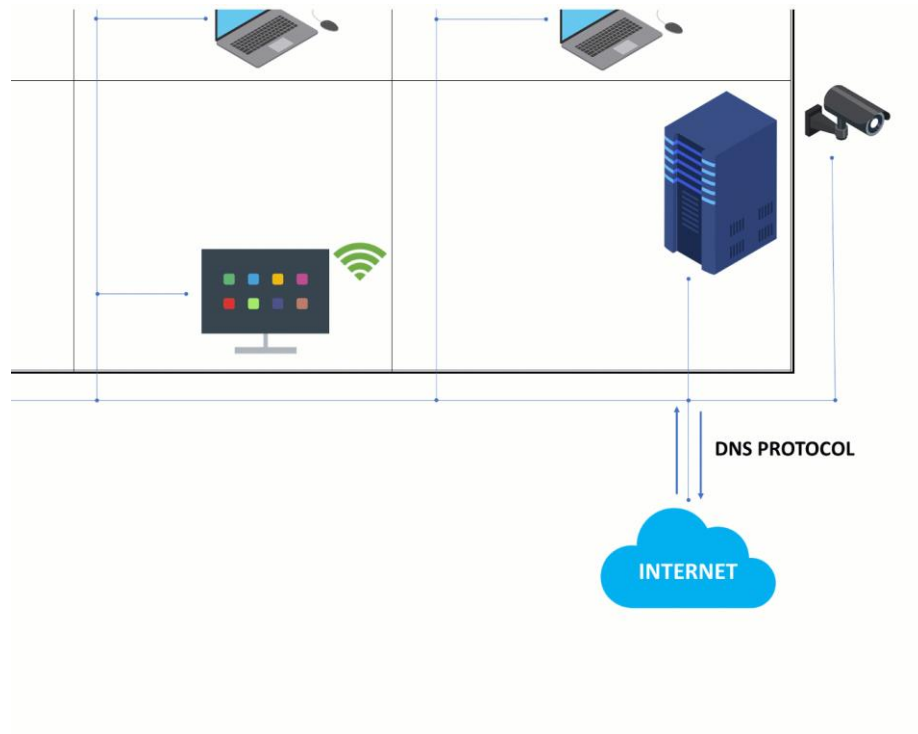
# DNS In Your Organization

Your organization relies on DNS for device connectivity:



- **IoT** uses DNS to update firmware and to perform basic functions.
- **Endpoints** require DNS for browsing the internet and to send & receive email.
- **Security devices** such as security cameras (CCTV) and modern alarms use DNS protocols.
- **Every device** that connects to the internet or a network uses DNS.

# Why flareDNS?



**flareDNS** controls DNS activity on your network for every device with an IP address.



**flareDNS** uses proprietary blocklists to prevent malicious connections on your network.



**flareDNS** can be installed on premise, remotely via the cloud or hybrid solution.



**flareDNS** can even show what devices are circumventing your safety measures

# flareDNS Protection



**Blocks Malicious  
Connections**



**Prevents  
Ransomware**



**Blocks Phishing  
Attacks**



**Blocks Ad Servers  
By Default**



**Prevents Malware  
Installation**



**Prevents IoT  
Security Exploits**



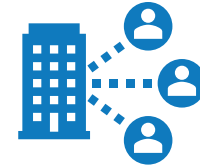
# flareDNS Benefits



**Increases User  
Productivity & Safety**



**Browsing Speed  
Increase >75%**



**Remote Worker  
Protection**



**Zero Downtime;  
Fast & Seamless**



**Full Audit Trail  
And Reporting**



**Flexible, Scalable  
Solution**

# Set Up a Consultation Today!

- flareDNS can be installed around any network environment. No matter how small or large your business is, we have a solution that will fit perfectly. Installed by professional cyber security technicians with support that is second to none.

Thank you