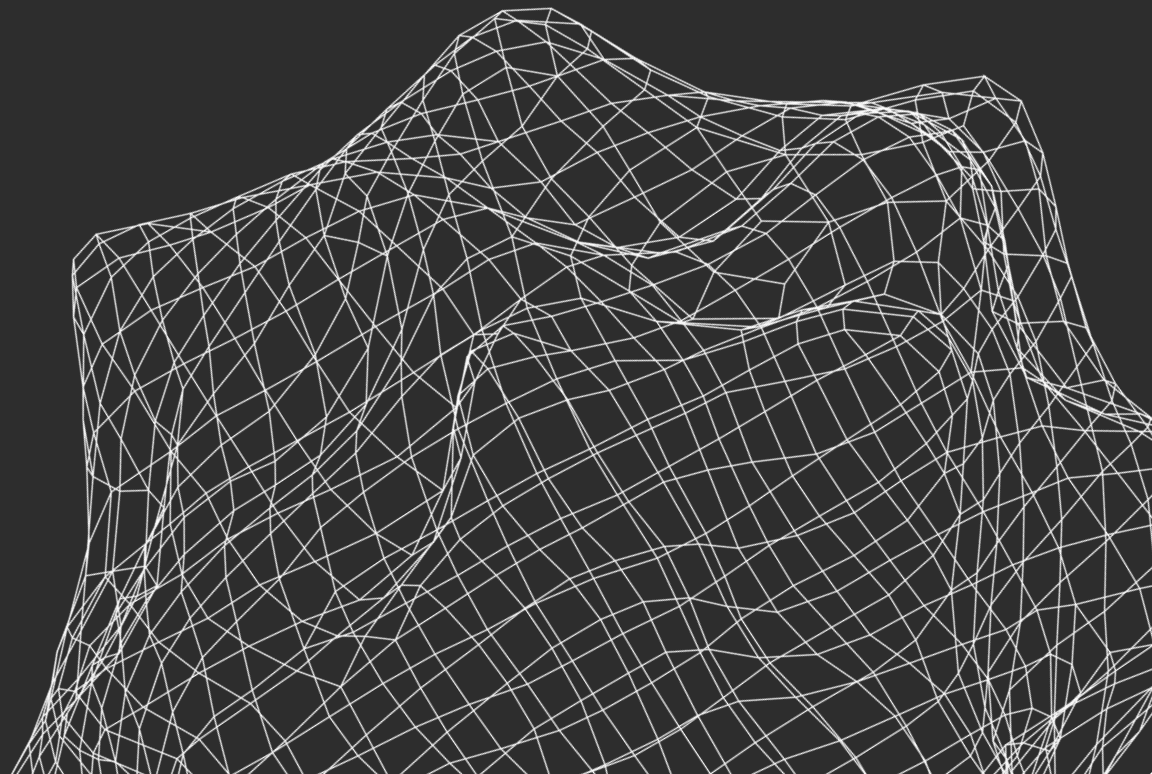# SAFEDNS

Use case

Additional Level of Cybersecurity for US Hospital Network

((ι)) SAFEDNS

US hospitals undergo cyberattacks daily, having been the number one targeted industry for hackers for many years in a row. In 2021, almost half of all hospitals in the country were forced to switch off their networks because of ransomware.

The cybersecurity crisis in medicine is so dire that hospitals have to cancel surgeries and reroute ambulances because of attacks on their IT infrastructure.

Hackers regularly block the work of infrastructure to extort money. Hospital administrations are forced to give in to the   cybercriminals' demands. One of examples from 2021 would be   the University of California San Francisco Health which paid $1.14 million to hackers after a ransomware attack.

Organization
US Hospital Network

Location
USA

Challenge
Finding a solution to protect the US hospital network from cyber attacks.

Solution
A cloud-based solution to increase the stability of hospital infrastructure.

Impact
The company is not losing money on cyberattacks anymore, the hospital infrastructure is working flawlessly, and the threat of personal data and corporate documentation leaks has been eliminated.

((î)) SAFEDNS
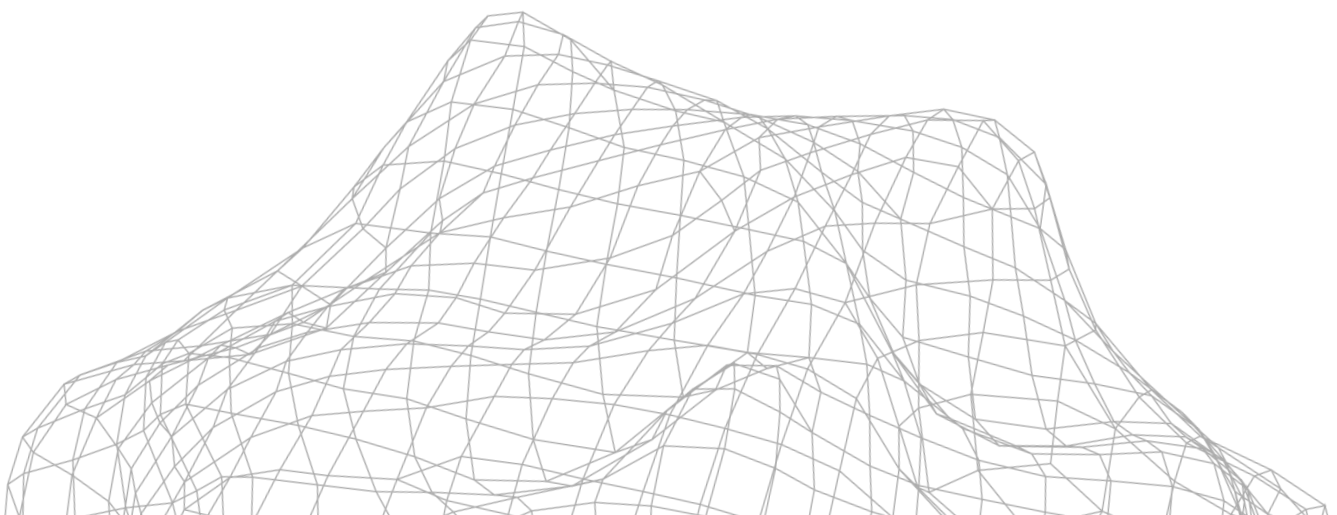
Problem

Hospital data digital security

US hospitals are among the most vulnerable enterprises for hackers because of a lack of reliable cybersecurity systems, outdated equipment, and shortage of cybersecurity staff in as many as 85% of them.

Our client – US Hospital Network - required an additional level of security because of the failures that occurred in the firewall, especially under a heavy load during peak operating hours. These failures caused regular problems with phishing, malware, and contained parked domains.

Solution

It was decided to use a cloud-based solution to increase the stability of hospital infrastructure without additional spending on the new hardware and its further scalability.

SafeDNS is a set-and-forget type of solution that successfully offloads the firewall hardware, adds a level of DNS security to all connected devices and users, and makes it possible to block return traffic from web browsing or incoming emails.

All DNS requests go through SafeDNS servers and are checked for the absence of potential risks or specific content (inappropriate, harmful etc.) set by the administrator. Potentially dangerous sites are blocked. Allow and deny lists also provide the possibility to permit or restrict selective access to certain websites.

Result

SafeDNS cloud service for web content filtering turned out to be exactly what our client was looking for. The company is not losing money on cyberattacks anymore, the hospital infrastructure is working flawlessly, and the threat of personal data and corporate documentation leaks has been eliminated. Moreover, DNS filtering allowed to get a HIPAA certificate easily.

Provider Choice Criteria:

1. The necessity to increase security and search for a reliable solution for protection from cyberattacks.
2. A good reputation of the company and solution reviews, as well as a reasonable price.
3. Reports on blocked threats and a possibility to selectively block websites.
4. Being sure that public Wi-Fi is safe for customers and compliant with CIPA.

Our client is completely satisfied with its choice of SafeDNS solution. DNS filtering helped them get rid of cyberattacks and reliably protect the whole company infrastructure. SafeDNS is used as an extra layer of security to improve a working power.

The cloud solution deployment is fast and user-friendly, there is no need to buy additional equipment and hire more staff, which allowed to improve the protection of the whole company's IT network at a minimal cost and in no time. The possibility to manage the protection for all the clinics in the chain became a key factor in the choice of the solution because central filtering management was important for the giant system.

SAFEDNS

The SafeDNS filtering technology recieved a prestigious award from the world-famous test lab, Software Suggest. SafeDNS solutions are recognized as having a good value for money.

SafeDNS blocks a whopping 98.5% of requests to adult content.

Contacts

www.safedns.com

USA +1 (800) 820-2530

All   +1 (571) 421-2990

sales@safedns.com

SafeDNS is a company founded in 2010 for developing web filtering solutions for different markets and customers. Since 2013 SafeDNS has been providing products for home and corporate users including businesses, educational institutions, telecom operators, MSPs and VARs.
Now SafeDNS products and cloud service are used by more than 4000 organizations and tens of thousands of home users worldwide.