SAFEDNS

USE CASE

CLOUD FILTERING SERVICE
FOR PROTECTING
GOVERNMENT-PROVIDED
WI-FI NETWORKS

SDT
INGENIERÍA
Soluciones de Tecnología

Zonas WiFi
GRATIS
para la gente

Cloud Filtering Service For Protecting Government-Provided Wi-Fi Networks

| ORGANIZATION OVERVIEW

SDT Ingenieria, MSP and Colombia government contractor

LOCATION
Colombia

DURATION
September 2017 – February 2018

CHALLENGE
Protect public Wi-Fi users against illegal and inappropriate content online

IMPACT
Users of government-provided free Wi-Fi zones get access to a cleaner and safer internet without porn, terrorism-related content, emerging and long established web threats

The SafeDNS cloud filtering service was indispensable to provide regulation compliance for a large public Wi-Fi project in Colombia

THE PROBLEM

How to provide a cleaner and safer online environment for users of free wireless networks?

SDT Ingenieria is a managed service provider (MSP) and a contractor of the Ministry of Information Technologies and Communications (MinTIC) of Colombia on a huge project. Its aim is to bring life changing technology of free Wi-Fi in major parks, plazas and tourist sites to the people and visitors of the country.

As part of this project the ministry was about to launch 290 more free Wi-Fi zones throughout Colombia with 1-2 access points (APs) per zone operational 24/7. The MinTIC needed to ensure users of the free Wi-Fi zones were well protected against pornography, terrorism-related sites, phishing and fraudulent resources on the internet and sites connected to financial services. As the ministry's contractor, SDT Ingenieria chose SafeDNS for the project as we provided cyber security needed for the free Wi-Fi zones.

THE SOLUTION

The SafeDNS cloud-based service for web content filtering proved to be exactly what the customer looked for

In the middle of 2017 SDT Ingeneria started testing the SafeDNS cloud service for web content filtering. Its deployment proved fast and easy without any additional hardware to be bought and maintained. The SafeDNS service is created to be installed on an AP (Wi-Fi router, internet gateway, server) for network-wide filtering. What was especially important for this huge project was that the all the APs could be managed centrally by a single Administrator.

Upon installation of the service SafeDNS immediately allowed SDT Ingenieria to start filtering the web on the needed amount of APs. As was originally planned the MSP staff blocked porn and terrorism-related content. SafeDNS does the job brilliantly. SafeDNS service has blocked near-perfect 98.5% of requests to adult content with no false positives during its testing by AV-Comparatives, a world-known test lab.

The company pays close attention to regional regulation to make sure its solutions comply with it. SafeDNS includes into a content category of Pornography and Sexuality a list of child porn sites compiled by the MinTIC of Colombia. Thus the SafeDNS service meets the demands of the ministry and the partner.

By blocking botnets, malware and phishing resources with SafeDNS MinTIC further improves free Wi-Fi network users' internet safety. According to a MinTIC request SafeDNS added a new service feature so that MinTIC representatives could audit the filtering settings and stats on internet traffic usage from the filtered APs. This is a vivid example of how we work with our partners and customers – developing the service just the way they need it.

THE RESULTS

The reasonably priced SafeDNS service satisfied all the customer's requirements

Having tried the first-grade service for web content filtering SDT Ingenieria was convinced SafeDNS was just the right solution for a reliable protection of free Wi-Fi users. The customer got a high quality filtering service **compliant with the country's regulation.** The 290 government provided wireless networks are now **free of web threats and inappropriate content (pornography, child pornography, terroristic content, malware)** allowing access to other internet resources - needed for work, education, staying in touch with family and friends and for having fun, of course.

The SafeDNS filtering technology is certified for 5 years straight by the world-known test lab, AV-Comparatives. According to the latest tests, SafeDNS blocks near-perfect 98.5% of requests to adult content.

During all the 5 years of testing SafeDNS has had zero false positives.

Version 2
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