

The DK Wireless logo features the letters "DK" in a large, bold, sans-serif font. A stylized white swoosh or arc curves over the "K" and extends to the right. Below the "DK" and under the swoosh, the word "WIRELESS" is written in a smaller, all-caps, sans-serif font. The entire logo is white against a dark blue background.

“Whalebone
Peacemaker is a
great solution for
the right price.”

A tall, lattice-structured communication tower stands against a dramatic sky at sunset or sunrise. The tower is silhouetted against the vibrant colors of the sky, which transitions from deep blue at the top to bright pink and orange near the horizon. The tower features a bright light at its peak and several circular platforms. The sky is filled with scattered clouds, and the overall scene is captured in a low-angle shot, emphasizing the height of the structure.

CHALLENGE

Lack of network visibility means more wasted time on repetitive tasks

Goals

Analyze the traffic and protect clients from malicious traffic. Easy to deploy and use through intuitive UI and API integration.

Result

Fast deployment within a couple of hours after the account creation. Smooth transition from the old DNS resolver to Whalebone Peacemaker. Malware traffic is blocked on the network level

“I was looking for a better DNS resolver where I can analyze and possibly protect our clients from malicious traffic. I needed something I could easily deploy on-premises, analyze the traffic, with a graphical interface and API integration. These were the 3 main criteria that I was looking for which Whalebone provided and also stopped the malware traffic on the network level.”

DAVID DAYSON,
CEO AT DK WIRELESS

In order to address an issue, you first need to know that some issue exists and then you have to locate it. But how can you do that, when all you have are switches and firewalls, where the best you can do is to segment your network and go through lengthy firewall logs?

Human analysts are unable to analyze the logs thoroughly in a relevant time. Not only that it is costly to have at the very least one extra person to go just through the logs and

nothing else, but even that it is not possible to go through everything. Machine communication adds extra piles of work to analysts – if they have no means to filter out the genuine machine communication, they will have to go through huge amounts of log entries which do not require any input from the analyst.

When you do not know what is happening in your network, you are unable to keep it safe for you, and for your users.

Not only that you risk a malicious lateral movement within your network, which can lead to compromising more clients, but also your public IP addresses may be blacklisted which means that your clients would be blocked through you even when they are not doing anything malicious.

What good is an Internet connection if you cannot connect anywhere?

SOLUTION

You can correct only the problems which are known to you

Once DK Wireless realized that they had to deal with their lack of network visibility, it was just about finding the proper solution to their problem.

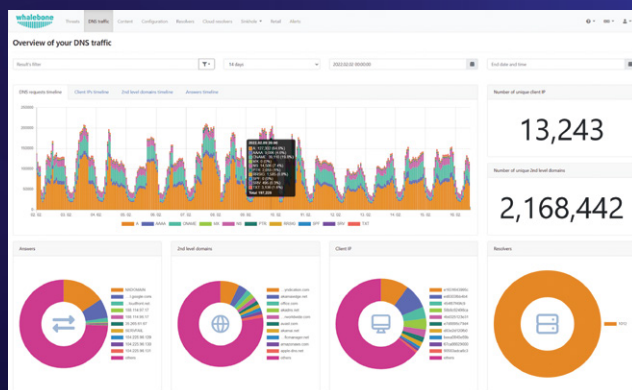
They chose to replace their then-current DNS resolver with Whalebone Peacemaker, which not only allows you see exactly what is happening in your network, but at the same time has unmatched speed, secures the network, and probably most importantly in this busy time — is easy and fast to deploy and use. Switching to a new DNS resolver from Whalebone was just a question of a few hours.

With extremely low hardware requirements, DK Wireless decided to transfer all of their DNS traffic through the new solution. The transition was very smooth, recommended sizing for a virtual machine was more than enough even when it was low, and the solution handled all the DNS requests as expected.

Once everything was up and running, DK Wireless used the full potential of Whalebone Peacemaker and dug deep into the new level of network visibility. Now they were seeing all the security threats in their network.

“I have been using Whalebone for six months and I have not had any major issues. Anything minor I have reported to Whalebone’s support they solved right away. Anytime I have needed assistance they have been very prompt and have always explained the solution to me.”

DAVID DAYSON
CEO AT DK WIRELESS



RESULT

Save time by knowing where to look

Whalebone Peacemaker delivered the desired network visibility, and not only that, but made the whole network faster, more secure, and did not take much time to deploy. They no longer have to go through lengthy log files to figure out

what is happening in their network. All they have to do now is to connect to their new solution and they immediately see all the important information. This frees up a lot of their time to pursue development, rather than maintenance.

“I would definitely recommend Whalebone to other ISPs. I’m maintaining a couple of networks from the Western Cape and it would be a great, lowcost solution for them to protect their networks.”

DAVID DAYSON
CEO AT DK WIRELESS

ADDITIONAL REFERENCES

ASIAN VISION
FIBER • DIGITAL • WIFI

MARYKIRK.COM

DK WIRELESS

bitCONNECT

purefibre

ROYAL CABLE

O₂

A1 Telekom Austria Group

NEAS

PlayMAX


Easily redirect part of your network traffic to Whalebone resolvers and try out our trial.

peacemaker@whalebone.io

We will be more than happy to answer any questions. Mutual satisfaction is our main goal and we will do our best to fulfill your requests.

www.whalebone.io

Learn more about our products at:
whalebone.io/peacemaker

 Follow us on LinkedIn for more information on DNS security.