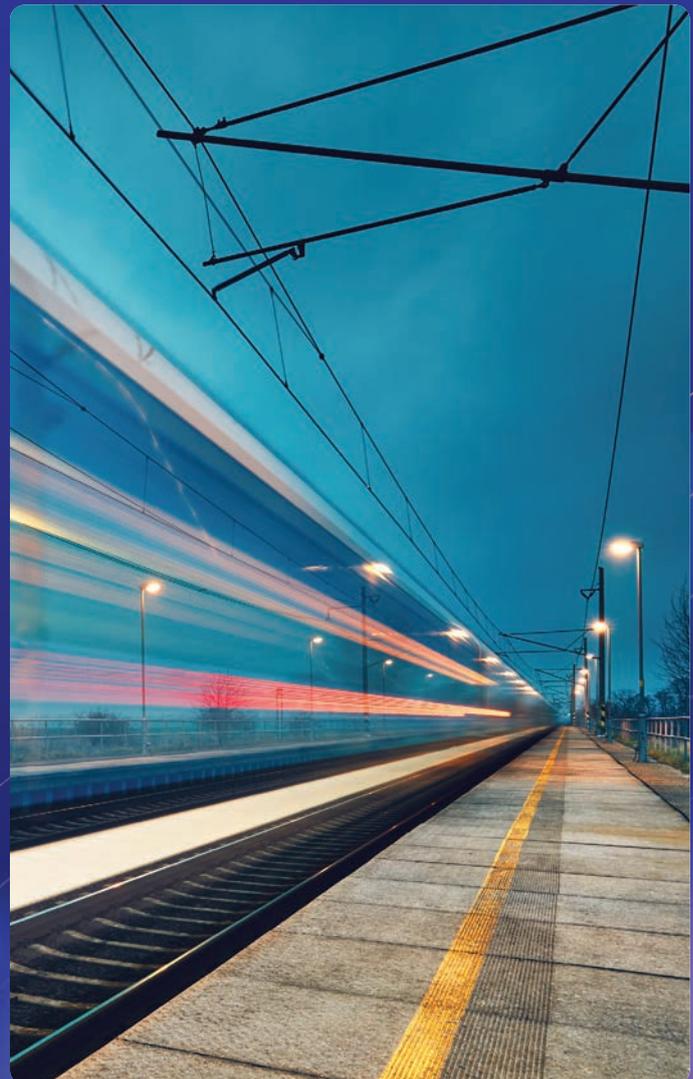


Railway Company Slovakia Protecting employees all over the country and in the field



“Whalebone Immunity smoothly integrates with all of our security measures, adding an important security layer to stop threats other solutions might miss.”

PATRIK MALY
IT SPECIALIST, RAILWAY COMPANY
SLOVAKIA



Challenge

How to secure employees all over the country?

Given that Railway Company Slovakia covers the whole country with hundreds railway nodes, it needs to constantly ensure the security of both the core team, technicians in the field, and office employees in the entire territory.

This situation required a security layer which operates on the network level covering all the devices without the need to constantly check and maintain any software.

Also, it was vital to protect technicians and other employees who take care of the railways in the field.



Railway Company Slovakia is the largest passenger transport railway operator in Slovakia. The company is owned by the Slovak government, maintaining 1,500 train routes and 698 stations all over the country. It provides a vital service to the country and its citizens and thus needs reliable and powerful protection for all its employees.

Railway Company Slovakia director decided to start the proof of concept to try Whalebone Immunity out.

The IT team found out that they are able to implement it to the current infrastructure based on the documentation provided by Whalebone, even without deep knowledge of Linux.

It has integrated with both their VPN and firewall systems. The responsible team has utilized automation tools which re-direct DNS traffics in devices all over the network.

In parts of the network where this was not possible, the regional technicians made sure all of the DNS traffic was forwarded to Whalebone DNS Resolver.

In the very beginning, there were some small technical discrepancies on both sides, since the infrastructure of Railway Company Slovakia is specific and does not allow communication across the whole network, which poses a problem for many security vendors.

Solution

Protective DNS as a cornerstone of cybersecurity

The Railway Company has set-up security policies and alerts according to the best practices provided by Whalebone, and monitors leaks of sensitive information using the Identity Protection feature.

The core IT team receives regular reports and checks the DNS traffic in the UI.

If they see any suspicious behavior, they provide access to the regional technicians who are able to immediately identify the vulnerability

and which device and user was compromised.

This allows them to deal with any potential threat before it can cause any damage to the network.

The Railway Company's IT team could see that there was an excessive amount of traffic in a remote location near the country's eastern border.

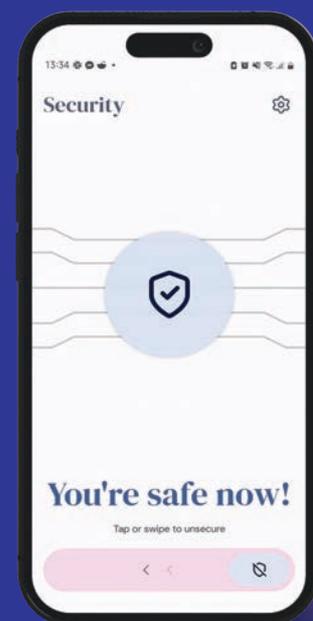
SOLVING PROBLEMATIC ONLINE BEHAVIOR OF EMPLOYEES

The office was out of bounds for the monitoring tools due to technical difficulties, but after setting up Whalebone Immunity, it quickly became clear that the traffic is caused by playing online games and mining cryptocurrencies.

Whalebone Immunity was used to block both activities, solving the problem immediately.

“Our regional service technicians are all over the country. When we see a spike in malicious traffic we alert them. They can see precisely which device is in danger and react immediately to stop the cause of the threat.”

PATRIK MALÝ,
IT SPECIALIST, RAILWAY COMPANY SLOVAKIA



Benefits

Whalebone Immunity is now an integral part of Railway Company's security stack.



Whalebone Immunity runs in the background to make sure no threats manage to penetrate the network's defenses.

products to ensure a high level of security for the whole environment," says Railway Company's IT specialist Patrik Malý.

"Each vendor has a different approach to cybersecurity, different metrics and threat databases – it is important to combine multiple

"Whalebone Immunity runs smoothly, the UI is easy to use, and it integrates well even in our complex infrastructure. Overall, it is a great security product."

PATRIK MALÝ,
IT SPECIALIST, RAILWAY COMPANY SLOVAKIA

ADDITIONAL REFERENCES



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

immunity@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/immunity

 Follow us on LinkedIn for more information on DNS security.