

Nethone announces behavioral detection of all proxies and VPNs to prevent ATO, payment fraud, and compliance breaches

Nethone has developed the ability to detect all proxies, incl. residential proxy and VPN connections, even those offered by obscure services used by fraudsters.

WARSAW, MAZOWIECKIE, POLAND, August 16, 2023 /EINPresswire.com/ -- Nethone's own darknet research has identified that more than 80% of fraudster tactics involve the use of a VPN or proxy service to commit a successful [online fraud](#) attempt - without them, fraudsters leave themselves vulnerable to identification and unwittingly reveal their intentions. To avoid this problem, fraudsters need to mask their IP addresses, true geographic location, repeated attempts, and browser automations.



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Precise [detection of proxies](#) and VPNs has the following benefits for merchants and financial institutions:

- stave off sophisticated attackers trying to commit payment fraud at a large scale
- prevent browser automation - web scraping, automated creation of accounts farmed for malicious purposes, price or inventory manipulation (e.g. detect "sneaker bots" that bid on rare items)
- prevent compliance breaches in regulated environments like gambling or crypto by making sure customers are not hiding their true location

Solution providers often rely on lists of VPN and proxy servers that quickly become outdated as new devices join the network. What sets Nethone apart from other anti-fraud solutions is that it detects VPN and proxy by the behavior of the Internet connection. That allows to recognize in real time a compromised device even if it was added to the proxy network very recently and stop fraud, and only fraud, automatically.

All fraud prevention companies can detect proxy and VPN connections from well-known services, such as NordVpn and ExpressVpn, owing mainly to easily detectable data traces or inexpensive third-party providers. For this reason, skilled fraudsters avoid these services, opting to use specialized services that are popular among cybercriminals to mask their true IP addresses. Residential proxies, which are particularly popular in this context, refer to compromised devices owned by 'clean' users who are unaware their device is used for malicious activities. Fraudsters mask their identities and true locations behind the victim's device - and it's all available thanks to professional services like 922proxy.com (the alleged successor of the infamous 911.re) or FACELESS.CC that offer 200M+ proxies for sale.

Maciej Pitucha, Chief Data Officer at Nethone, commented: "We are proud to be able to provide a safer online experience for businesses by effectively detecting all proxy and VPN connections, incl. residential proxies - both good and bad based on the behaviors of every single user - therefore blocking fraudsters from causing damage while offering genuine users a frictionless experience."

VPN and proxy detection is part of a large suite of risks detected by Nethone Guard - the company's flagship fraud prevention product. Nethone offers a free trial for developers and fraud managers interested in seeing the product in action - a no-pressure way to see how it works and explore its benefits.

About Nethone

Nethone offers a risk detection product designed to protect the entire user journey, from onboarding to post-payment, at the same time helping merchants to holistically understand their end-users (good and bad). With the award-winning Know Your User (KYU) profiling technology and AI-powered tools, Nethone blocks all risky users without friction to the good ones by exhaustively screening every single one.

Since 2022, Nethone has been part of Mangopay Group, a pan-European provider of platform payment & wallet infrastructure. In 2023, it was recognized as one of Europe's fastest-growing companies by The Financial Times newspaper and data provider Statista. It was also the highest-ranked Polish company in the Fintech category.

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