



Blocklist Based Traffic Filtering

CASE STUDY

Mobile network threat management in telecommunications

ABOUT THE CUSTOMER

A major telecom provider in Ireland, capturing a substantial share of the country's mobile network services market, has implemented FastNetMon's network traffic filtering solution. With extensive

mobile network infrastructure, the company is responsible for delivering safe, uninterrupted, and stable mobile connections to consumers and businesses nationwide.

The Challenge:

The telecommunications industry faces significant cyber threats that can disrupt networks and compromise customer data. The company sought to mitigate these risks by blocking malicious traffic in their mobile network, aiming for a solution that seamlessly integrates with their existing infrastructure.



FastNetMon can automatically block traffic that is blacklisted by intelligence feed providers. This fits the need to keep up with the network threat intelligence dynamically and in real time.

THE FASTNETMON SOLUTION & IMPLEMENTATION

The company selected FastNetMon for its reliable, flexible blocklist-based filtering capabilities, supporting a variety of formats, including those on Amazon S3 and accessible via HTTP/HTTPS. FastNetMon downloads data from configured blocklists, identifying malicious IP addresses. This data configures the company's routers through a BGP daemon process, blocking

connections to these hosts. Implementation involved setting up FastNetMon to receive updates from external intelligence feed providers, ensuring blocklists are current with the latest threats. FastNetMon monitors for changes, automatically updating and announcing new blocked hosts to routers, enabling the company to swiftly adapt to emerging threats and maintain robust network security.

Results:

The deployment of FastNetMon significantly strengthened the company's approach to network security in their Irish mobile network operations. The blocklist-based filtering system proved highly effective in blocking access to and from malicious hosts, significantly reducing the incidence of security breaches.

The flexibility of FastNetMon to handle multiple blocklist formats and its compatibility with various intelligence feed providers enabled the company to achieve comprehensive threat coverage. This proactive security measure ensured that both the network and its customers were safeguarded against a wide array of cyber threats the unblocked malicious traffic produces.



FastNetMon delivers versatile DDoS detection software for companies at any scale. With extensive experience in the telecom, mobile, and cloud computing industries, we take pride in preventing DDoS attacks and protecting our customers' networks to the highest standard.

Learn more at: www.fastnetmon.com | sales@fastnetmon.com | +40 742 991 619