

3 Key Mobile Network Security Challenges

Is your network prepared?

The only 4G/5G Network Security Solution is Here

5G is Forcing a Fundamental Shift in Operational Focus

2G/3G/4G Considerations:



There is now a 4th critical operational consideration:

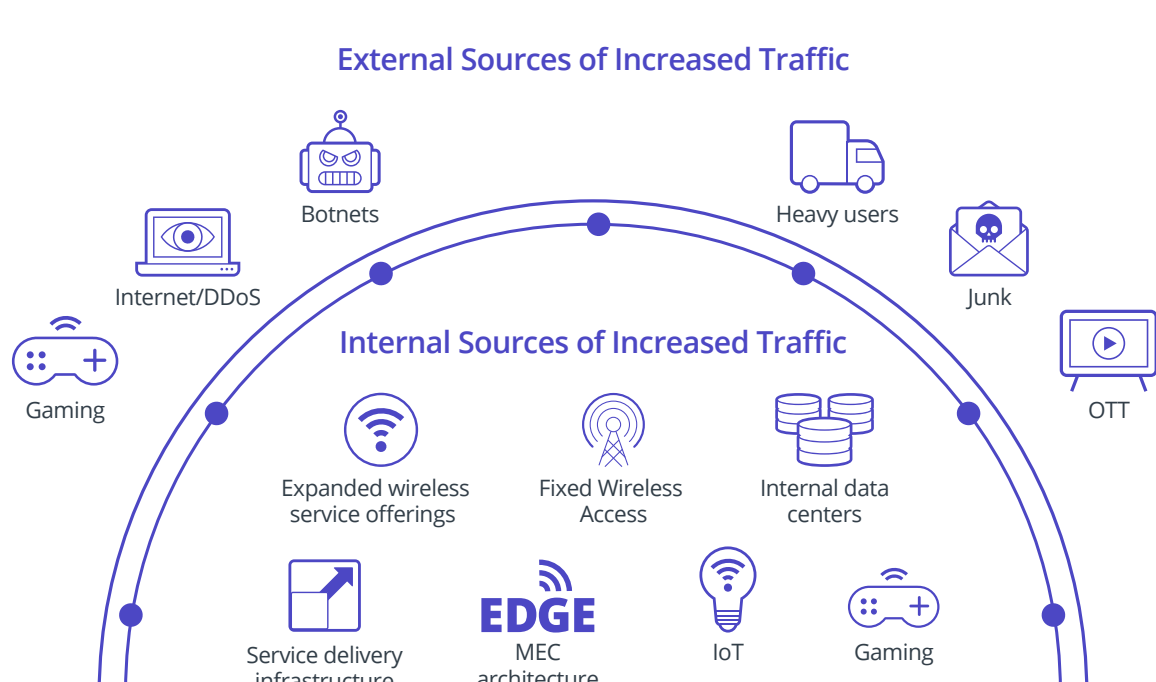


5G-Enabled Broadband Connectivity is Presenting MNO's With **NEW BUSINESS OPPORTUNITIES** & **NEW OPERATIONAL CHALLENGES**

CHALLENGE 1

Rapid Growth of 4G/5G Data Traffic Hinders Visibility

The network perimeter is becoming more distributed and ephemeral.



INCREASING CAPEX SPEND DUE TO STRONG MOBILE TRAFFIC GROWTH

Traffic is increasing over the network both internally and externally—making it exponentially harder to gain actionable visibility into traffic activity at scale.

SOLUTION

Identifying just

3% of unwanted traffic saves up to **\$30M**

CHALLENGE 2

Increasing Threat Activity Risks Disrupting the Network

Growing Activity and Risks Include



Affects the Network



SOLUTION

Proactive detection

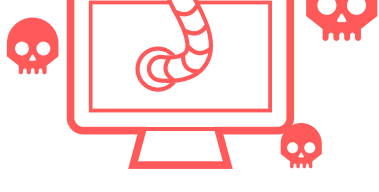


Improves the Quality of the User Experience

CHALLENGE 3

Monitoring an Expanding Attack Surface

There is now a more distributed and ephemeral network perimeter.



Exposing users and devices to potentially malicious traffic

SOLUTION

Secure the complex network environment with

with preventative, actionable visibility

to manage the real-time risk

The Only Solution Using IP Distributed Probes Combined with Security Intelligence Providing:



Unique, scalable deep packet inspection (DPI) technology - comprehensive visibility



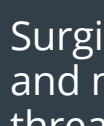
User and control plane telemetry that detect inbound, outbound, and cross bound threats - and then contextualizes these threats



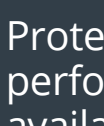
Real-time subscriber, location, device, and service attributions



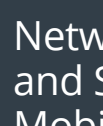
Protect the performance and availability of your services 365 days, 24/7



Surgically identify and mitigate the threats to your network



Protect the performance and availability of your network in real time



Network Protection and Security for Mobile Operators

The Combined Power of NETSCOUT and Arbor

Powerful, proven, and trustworthy solutions for over 25 years