

More Traffic: More Risk, More Spend

Is Your CAPEX Budget Keeping Up With Increasing Traffic?

The Opportunity

This Tier 1 mobile network operator (MNO) was facing increasing CAPEX due to strong mobile traffic growth on their network. Market drivers for this growth include 4G/5G-enabled broadband connectivity, the proliferation of Internet of Things (IoT) on the network, and expanding Mobile Edge Compute (MEC) service offerings. But higher-speed symmetric internet access and a rapid expansion in the number of active devices on the network is making this wireless network indistinguishable from the wireline internet – attracting the same threat activity endemic to wireline networks for years.

The Details

Malicious or questionable traffic activity on the network – including outbound, cross-bound and inbound – consumes expensive resources in the ‘last mile,’ forcing MNOs to invest in more network capacity, operations staff and internet connectivity.

Identifying this unwanted traffic is therefore imperative. NETSCOUT met with senior executives at this MNO and presented our mobile security solution that:

- Provides real-time visibility into 4G/5G user plane traffic at scale
- Detects and identifies subscriber and infrastructure threats

We are the only company with the Deep Packet Inspection technology, the network-level traffic visibility and threat detection, and the security intelligence required to protect the performance and availability of mobile services at scale. No one else in the industry can do this.

The Results

By identifying and mitigating just 3% of the undesirable traffic on their network, this MNO avoided \$30M in operational costs in their first year.

With NETSCOUT's Mobile Security Solution, this Tier 1 MNO has freed up crucial capital, increased employee productivity, and created a more secure network they can now more easily monitor and address threats to service availability and performance before they impact profitability – and reputation.

THE SOLUTION

Identifying just



3%

of unwanted
traffic saves
up to

\$30M

NETSCOUT's [Threat Report](#) shows a 93% increase in DDoS attacks targeting mobile subscribers.

The [three largest publicly-traded carriers](#) spent roughly \$46 billion in CAPEX in 2021.

The Combined Power of NETSCOUT and Arbor Saves CAPEX.



Corporate Headquarters

NETSCOUT Systems, Inc.
Westford, MA 01886-4105
Phone: +1 978-614-4000
www.netscout.com

Sales Information

Toll Free US: 800-309-4804
(International numbers below)

Product Support

Toll Free US: 888-357-7667
(International numbers below)

NETSCOUT offers sales, support, and services in over 32 countries. Global addresses, and international numbers are listed on the NETSCOUT website at: www.netscout.com/company/contact-us