

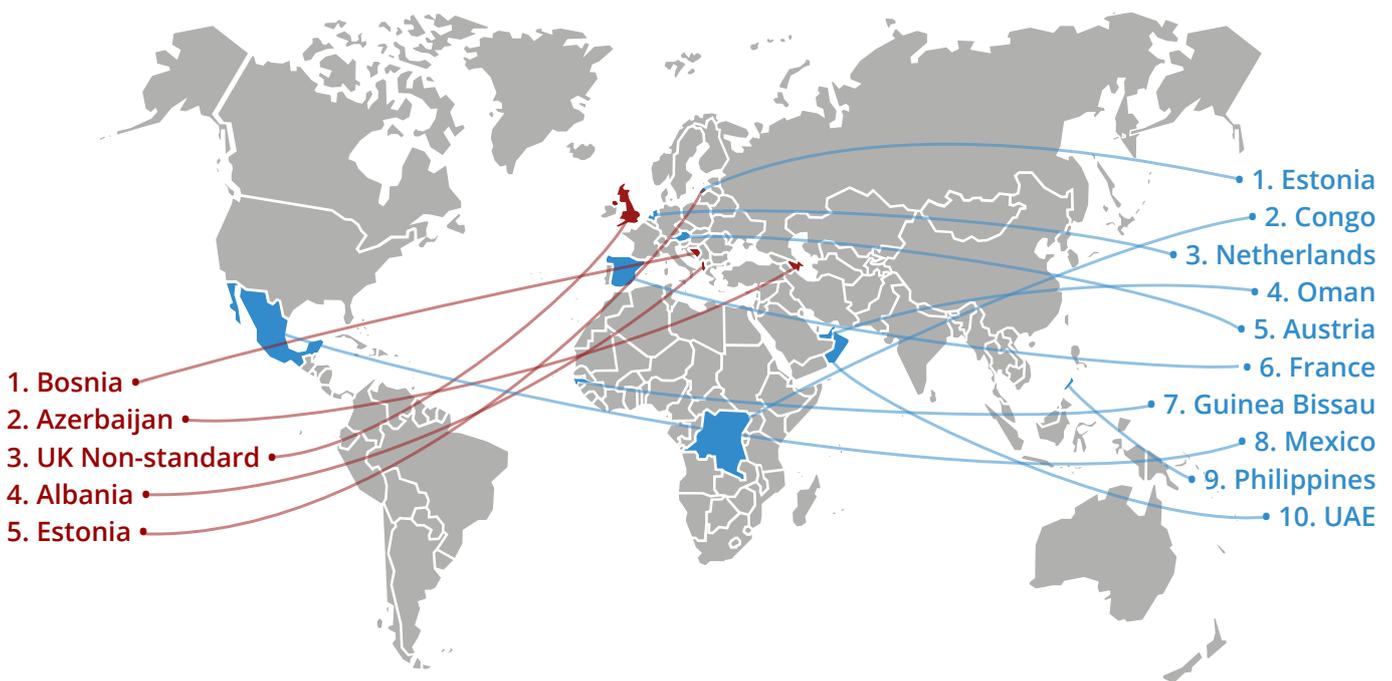
# SmartIPX Fraud Quarterly Update Q3 2016

New destinations demonstrate a need for constant fraud surveillance

## Global Fraud Locations

During Q3 2016 the top five fraud destinations saw only a slight change, with Estonia entering the list alongside Bosnia, Azerbaijan, UK Non-standard and Albania.

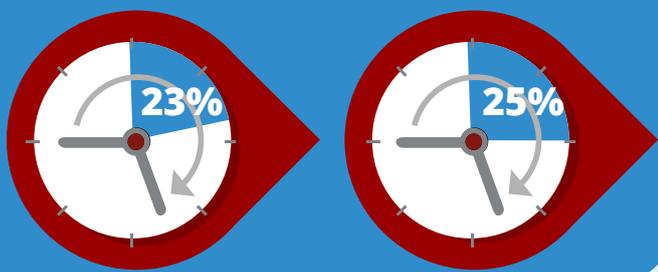
During Q3 2016 we've seen 10 new country ranges being 'attacked' for the first time.



## Key Statistics

We have found that the timing of attacks has changed slightly during Q3 2016. In Q3 there have been relatively fewer attacks during the weekend and slightly more attack on normal 9-5 business working days.

9-5 business hour attacks are accounting for 25% of all attempts - a rise of 2%



Weekend attacks have fallen - down to 31% from 40% in Q2 2016



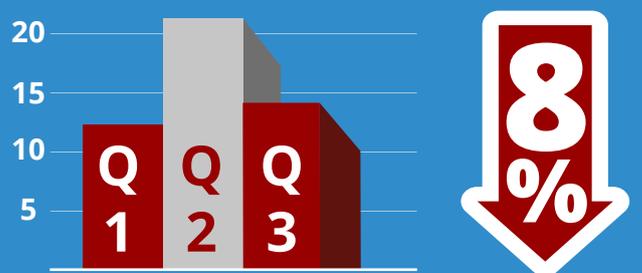
in the last three months activity has fallen from



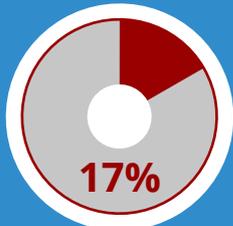
Europe still accounts for the highest number of fraud destinations at 44.1%



The number of attacks from Asia has fallen to 14% from a summer spike of 22%.



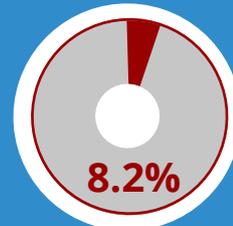
## Industry revenue losses from fraud



Central Asia



Average worldwide



Western Europe

For a full breakdown of how fraud impacts the telecoms industry read our Q3 2016 fraud report at <http://www.smartipx.com/>

SmartIPX Fraud Management as a Service saves customers \$1m+ margin and counting.

If you're not running adequate fraud surveillance, or you are unhappy with your current solution, contact SmartIPX and find out how we can help.

# SmartIPX

NOTE: Our Quarterly Fraud update is built upon only designated fraud attack activity confirmed with partner customers and information from the CFA 2013 and 2015 Global Fraud Survey reports