Half Year 2023 Robocall Investigation Report Out Now

It's been a busy first half of 2023 for the telecommunications industry which was dominated by one of the most significant events in robocall history, the passing of the last major STIR/SHAKEN compliance deadline on June 30. This makes for an interesting latest edition of TNS' *Robocall Investigation Report*, which is available to download now.

Covering key data and analytics from the first six months of 2023, you can expect to also read updates on emerging call authentication challenges, scams, branded calling solutions and more.

Mind the STIR/SHAKEN Gap

With requirements now extended to all IP-based voice service provider networks, June 30 marked the third and final major FCC-mandated deadline for service providers to implement STIR/SHAKEN.

Despite smaller service providers making progress with implementing STIR/SHAKEN, they are falling behind Tier-1 carriers with signing voice traffic and here is why.

TNS' robocall protection team reports that in the first half of 2023, the call authentication gap doubled between large and small carriers.

2x

Rise of AI Voice Scams Create Need for Call Authentication

A prime example of the use of sophisticated deepfake technologies is fraudsters revamping the classic 'imposter grandchild' scam with a dark twist.

This reinforces the critical need for smaller providers to implement STIR/SHAKEN, according to TNS' latest *Robocall Investigation Report*.

The call authentication standards help identify spoofed numbers and can provide real-time notification that a number may be spoofed, as these calls will be signed differently.

Unwanted Robocalls from Tier-1s Drops, but VoIP Remains Target

Only 2% of unwanted robocall traffic originated from the top seven US carriers (Verizon, UScellular, T-Mobile, Lumen, Comcast, Charter and AT&T) in the first half of 2023.

TNS credits STIR/SHAKEN implementation, as this is a significant drop from 8% during the same period last year.

But with 70% of all unwanted traffic originating from VoIP numbers, VoIP networks remain the top target for bad actors launching robocall campaigns.

Where Our Data Comes From

Working with more than 500 operators and over one billion daily events across hundreds of carrier networks, TNS analytics generate the most accurate and comprehensive industry datasets.

TNS directly supports more than 150 service providers, four of the top-seven carriers and two of the top-four wireless providers.

More Than 150 Service Providers

With nearly 250 million active subscribers, TNS has more access to cross-carrier call events over a wider breadth of service providers and traffic populations than any other organization.

250 Million Active Subscribers

The latest edition of TNS' *Robocall Investigation Report* delivers the most accurate data from the first six months of 2023 to help carriers make mission-critical decisions and is available to download in full now.

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