

Robocall mitigation methods

42com Telecommunication applies different robocall mitigation methods.

These methods can “reasonably be expected to significantly reduce the origination of illegal robocalls” as required by the FCC.

42com uses [blacklists](#) to mitigate robocalls with specific attributes, including:

- Calling telephone numbers or prefixes, countries

When a call is identified by a blacklisted attribute, 42com blocks the calls.

42com uses real time Number validation databases and Valid/invalid numbers databases to [SHIELD](#)/block calls at origination for calling numbers that are **invalid**, **high-risk**, or appear on **Do Not Originate** lists.

Reputation

42com performs a [reputation lookup](#) on calling numbers at origination for robocall mitigation. This lookup returns a reputation score from 0 to 100. The higher the number, the worse the reputation.

Dynamic traffic analysis

42com uses real time dynamic traffic analysis, to detect and mitigate robocalls at origination. SIP Analytics monitors all originated calls by source over a rolling 60-minute window. It compares cumulative call count by source within this window with thresholds that trigger a response to a robocalling event.

SIP Analytics is self-learning. Thresholds are based upon call history and are updated dynamically in real time.

When a cumulative call count for a specific source breaches a threshold, calls from that source can either be blocked or diverted. In either case, you can investigate to determine whether the caller was originating unlawful robocalls.

TRACEBACK REQUESTS:

42com replies to TRACEBACK INDUSTRY REQUESTS within maximum 24hours