

This document outlines the steps and commitments made by BPMobile LLC to support the STIR/SHAKEN authentication framework and demonstrates our dedication to proactively prevent and address illegal robocall traffic on our network.

STIR/SHAKEN Implementation

BPMobile LLC is committed to implementing the STIR/SHAKEN and includes the deployment of the necessary protocols and technologies to verify the legitimacy of caller ID information and prevent the fraudulent use of caller identification. We will ensure that:

- BPMobile uses key cryptography to securely transmit the information that an originating voice service provider knows about the caller and its relationship to the phone number it is using along with the call itself, allowing the terminating voice service provider to verify the information on the other end.
- Encrypted information is contained in a SIP message known as the "Identity" header field.
- After the originating voice service provider authenticates this caller ID information for a particular call and adds this information, it travels along with the call from the originating voice service provider, through any intermediate providers, and then to the terminating voice service provider.

Steps to Avoid Illegal Robocall Traffic

BPMobile LLC has implemented comprehensive measures to prevent and mitigate illegal robocall traffic, ensuring the security and authenticity of calls on our network. These measures are tailored to the specific authorization processes for iOS and Android users, and they enhance security while preventing fraudulent activities:

User Authorization:

- For iOS users, authorization is conducted through Apple ID, ensuring the legitimacy of the caller's identity.
- For Android users, the authorization process relies on Google Play Store ID, providing a secure means of user verification.
- BPMobile LLC does not offer an option for anonymous login, which further enhances the accountability of users.

Address Verification:

- For numbers that require an associated address, we collect and verify address information.

Spam Call Reporting:

- We encourage our customers to report any suspicious or spam calls, as they play a crucial role in helping us maintain the integrity of our network. Reports from our customers are taken seriously, and we investigate and act upon them promptly.

Call Analytics:

- We continuously monitor call patterns and traffic on our network to detect and prevent illegal robocall activity. This proactive monitoring enables us to identify and respond to potential threats swiftly.

Fraud & Spam Detection System:

BPMobile LLC employs an internal system designed to filter and block mass SMS and calls. Our fraud prevention system includes the following measures:

- Detection of outgoing calls with high intensity within a specific time slot.
- Detection of incoming calls with high intensity within a time slot.
- Flagging of repeated identical content in SMS messages.
- Detection of SMS messages containing links and potentially fraudulent content, including company names associated with fraud.
- Immediate action is taken if our system detects multiple Apple IDs on a single device.
- In cases where any of the above is detected, SMS or calls are not provided, and we take immediate action by notifying the user and blocking the user in real-time.

Content Moderation System:

- BPMobile LLC has implemented an internal filtering system that scrutinizes user messages and compares them with the user's recent message history from the last 7 days.
- If this system detects stop words or phrases, it sends a warning to the user, and messages are blocked.
- Persistent attempts to send the same message may result in the user being blocked from using the app.
- We also incorporate leetspeak filtering to stay vigilant for variations of stop words where letters are replaced by numbers or symbols, further enhancing our content moderation system.

Traceback Response Commitment

BPMobile LLC hereby commits to the following regarding traceback requests:

We commit to responding fully and within 24 hours to all traceback requests from the Federal Communications Commission (FCC), law enforcement agencies, and the industry traceback consortium.

We will cooperate with these entities in investigating and stopping any illegal robocallers who use our service to carry or process calls.