

Alvaria Telecommunications LLC

Robocall Mitigation Plan

Introduction

This document details the reasonable steps and actions taken by Alvaria Telecommunications LLC (“Alvaria”) to mitigate and eliminate illegal robocalling. Alvaria has an ongoing commitment to scan for and help alleviate illegal robocalling by pre-qualifying prospective customers, monitoring existing customers for traffic patterns indicative of prohibited robocalls, and working with other providers and regulatory agencies in combatting fraudulent voice activity.

Alvaria provides interconnected VoIP telecommunication services. Alvaria has fully implemented the STIR/SHAKEN authentication framework across its entire network, and all calls it originates are compliant with § 64.6301(a)(1) and (2). We presently use a 3rd party to sign our calls, but we do have our own token. Our OCN is 187J. Alvaria will update our Robocall Mitigation filings within 10 business days of any change to the information outlined in this plan.

Know Your Upstream Providers

Alvaria Telecommunications LLC has master service agreements with 382 Communications Corporation, Bandwidth.com Inc., Inteliquent, Peerless Network, Lingo, and Magna5 and has received written assurances from their officials that it has and will continue to sign calls submitted to Alvaria and will abide by the FCC’s STIR/SHAKEN and robocall mitigation rules in all respects when providing voice services to Alvaria. Alvaria and its upstream providers have agreed to work together diligently to mitigate all illegal robocalls, including cooperating fully when receiving traceback requests.

Know Your Customer

Screening interviews are performed to understand potential customer business models and the potential, or lack thereof, for involvement in fraudulent robocalling schemes. In our research of the prospect, Alvaria will not activate clients that provide anonymous information or where data mismatches are found. Additionally, prospects are required to agree to Alvaria’s strict policies and contractual terms prohibiting the act of fraudulent voice activity as a condition of doing business with Alvaria.

Individuals associated with prospects or current customers who have been known to act improperly or otherwise be involved in fraudulent robocalling will cause their companies to be rejected by Alvaria as a customer and any existing customer relationships could potentially be severed.

Traceback Requests

Alvaria is committed and will respond fully within 24 hours to all Traceback Requests from the FCC, law enforcement agencies, and the industry traceback consortium and vows to cooperate with these agencies in investigating and stopping any illegal robocallers that use our service to make calls. Alvaria will devote sufficient resources to provide prompt and complete information to traceback requests. Our point of contact to handle all traceback requests is:

Brian Jones
Director, Voice Engineering
brian.jones@alvaria.com

Voice Engineering
VE Department
voice.engineering@alvaria.com

Cloud Provisioning
Provisioning Department
cloud.provisioning@alvaria.com

Upon calling our dedicated Traceback contact, Alvaria uses VoipMonitor tool and call records to evaluate the complaint and match it to a customer. We then identify any specific violations of FCC regulations or company policy and contact the customer to address. We may temporarily block calls from the offending campaign until the concern can be addressed.

If a traceback exposes an existing customer as the source of fraudulent robocalls, or as having transmitted fraudulent robocalls, a demand for an explanation and verification of mitigation of the traffic is issued to the customer. If the fraudulent traffic is not remediated, Alvaria immediately begins rejecting all traffic from the offending customer.

Telephone Numbers

A Telephone Number (“TN”) based caller identity is the originating phone number included in call signaling used to identify the caller for screening purposes that is uniquely associated with the subscriber. A subscriber is permitted to use a TN as a caller identity if a TN is directly managed by Alvaria and/or obtained by Alvaria from Alvaria’ upstream providers for use by the subscriber. Numbers can also be allocated by Alvaria or ported using information from previous bill matching customer information.

For subscribers with multi-line telephone systems, Alvaria and our upstream provider only allow calls to be connected if the originating number matches one of the TN’s assigned to the

subscriber. This screening capability enables an automated and secure method of validating originating telephone numbers.

International Calling

Alvaria is not currently an international voice services provider. If at any time Alvaria does decide to sell our services to international customers using North American Numbering Plan resources, we will familiarize ourselves with and develop best practices for full vetting of such customers and work with our upstream provider to perform the necessary telephone number validation on all international originated calls.

Call Analytics

We have vendors and partners in place to determine if originating calls should be blocked based on call analytics practices.

Ongoing Robocall Mitigation

Alvaria monitors and examines call detail records (CDRs) on a repeating basis to detect suspicious call activity and/or calling patterns. When we and/or our upstream provider detect network usage patterns consistent with illegal robocalls or suspect illegal robocalling is taking place, we will immediately seek to identify the party that is originating, terminating, or routing these calls so that we may take appropriate action. The actions taken may include, but are not limited to initiating a traceback investigation; verifying that the originating customer owns or is authorized to use the Caller ID number; determining whether the Caller ID name sent to a receiving party matches the customer's corporate and/or d/b/a name; block the party's ability to originate, terminate, or route calls on the network; and/or providing notice to law enforcement authorities.

As part of our Plan to mitigate and prevent any originating robocalls, we are committed to early identification and investigation of possible robocalling conditions. Among other things, we watch for higher-than-normal subscriber traffic volume, including large bursts of traffic in small timeframes or spikes in usage. We also monitor for originating calls of short duration and low call completion percentages, originating calls with sequential called to number dialing patterns.

Alvaria Contact for Robocall Mitigation-Related Issues

The Company will update our Robocall Mitigation filings within 10 business days of any change to the information outlined in this plan. Please direct any questions related to Robocall Mitigation issues to:

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