



Robocall Mitigation Database (RMD) Plan

I. Introduction

A. Background

The prevalence of illegal robocalls, including press1 or pre-recorded campaigns, poses a significant challenge to the integrity of telecommunication systems. This Robocall Mitigation Database (RMD) Plan is designed to address the issue comprehensively by focusing on the elimination of press1 or pre-recorded campaigns, strict implementation of KYC screening practices, Traceback compliance, and Stir/Shaken compliance.

II. Objectives

The primary objectives of the RMD Plan are to:

1. Combat illegal robocalls by eliminating press1 or pre-recorded campaigns.
2. Strengthen the telecommunication network's security through the strict implementation of KYC screening practices.
3. Achieve Traceback compliance for effective identification and tracking of illegal robocall sources.
4. Implement Stir/Shaken compliance to authenticate and validate the origin of calls, reducing call spoofing.

III. Strategies and Action Steps

A. Eliminating Press1 or Pre-recorded Campaigns

1. **RMD Database Development:**
 - Establish a centralized Robocall Mitigation Database to store information on identified press1 or pre-recorded campaigns.
 - Implement real-time updates to ensure the database reflects the latest information on illegal robocalls.
2. **Machine Learning and Behavioral Analysis:**



- Utilize machine learning algorithms and behavioral analysis to detect patterns associated with press1 or pre-recorded campaigns.
- Continuously enhance detection algorithms to adapt to evolving robocall tactics.

3. **Collaboration with Industry Stakeholders:**

- Collaborate with telecommunication service providers, regulatory bodies, and industry partners to share data and collectively combat illegal robocalls.
- Establish a coordinated response system to quickly identify and block fraudulent numbers.

B. Strict KYC Screening Practices

1. **Enhanced Customer Verification:**

- Strengthen KYC screening practices by implementing multi-factor authentication and advanced identity verification methods.
- Regularly update and validate customer information to ensure accuracy and completeness.

2. **Automated KYC Screening Tools:**

- Integrate automated KYC screening tools to efficiently and accurately verify customer identities.
- Conduct regular audits to ensure the effectiveness of these tools in preventing fraudulent activities.

C. Traceback Compliance

1. **Collaboration with Regulatory Bodies:**

- Engage with regulatory bodies to enhance collaboration on traceback initiatives.
- Participate in industry-wide efforts to share information and cooperate on tracking and identifying illegal robocall sources.

2. **Implementation of Advanced Traceback Systems:**

- Deploy advanced traceback systems capable of identifying and tracking the origin of illegal robocalls.
- Ensure interoperability with other telecommunications networks for seamless information sharing.
-

D. Stir/Shaken Compliance



1. **Infrastructure Upgrade:**

- Upgrade telephony infrastructure to support and implement Stir/Shaken protocols.
- Collaborate with equipment vendors and service providers to ensure a standardized implementation across the network.

2. **Staff Training and Certification:**

- Train technical staff on Stir/Shaken compliance requirements and protocols.
- Obtain necessary certifications and regularly update training programs to stay current with industry standards.

IV. Monitoring and Evaluation

1. **Key Performance Indicators (KPIs):**

- Monitor the reduction of illegal robocalls and press1 or pre-recorded campaigns.
- Evaluate the accuracy and efficiency of KYC screening processes.
- Assess the success of Traceback and Stir/Shaken compliance measures.

2. **Continuous Improvement:**

- Establish a feedback loop for continuous improvement based on insights gained from monitoring and evaluation.
- Regularly review and update the RMD Plan to adapt to emerging threats and industry best practices.

V. Conclusion

This Robocall Mitigation Database (RMD) Plan aims to combat illegal robocalls by focusing on the elimination of press1 or pre-recorded campaigns, strict KYC screening practices, Traceback compliance, and Stir/Shaken compliance. Through collaboration, technological advancements, and ongoing improvement efforts, this plan seeks to create a more secure and trustworthy telecommunication environment for all users.



titanium3solution.com

