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(57) Abstract :

The present invention discloses a system (100) that is a multifaceted solution for countering voice-phishing calls, featuring a phone number database (102) containing known fraudulent numbers, a voice recognition module (104) utilizing machine learning to spot voice-phishing signs, a machine learning module (106) for call metadata analysis and classification, and a call blocking module (108) that not only blocks suspicious calls but also informs callers of the block with a pre-recorded message. By leveraging machine learning for enhanced voice recognition accuracy and ongoing training on datasets of fraudulent and legitimate calls, the system adeptly safeguards against voice-phishing threats while promoting transparency and deterrence through informed call blocking.

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