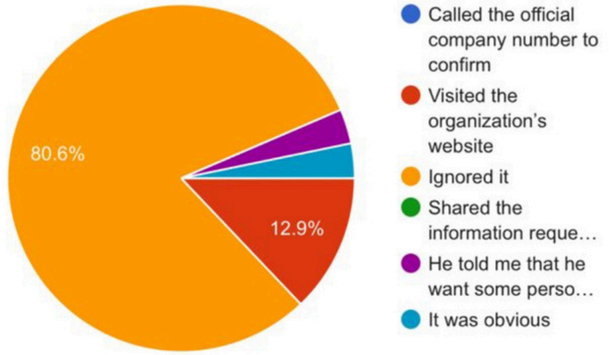
REAL-TIME AI TELECOM FRAUD PREVENTION SYSTEM

The problem

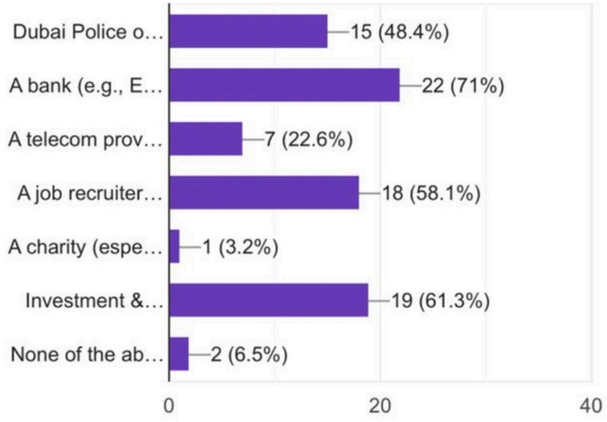
Telecom fraud costs $29 billion globally every year.

Existing fraud detection systems are reactive, detecting fraud after the damage is done.

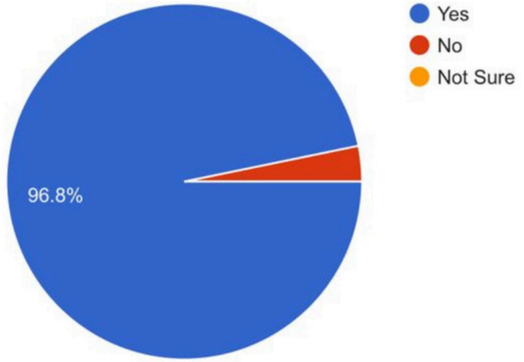
4. How did you verify if the call was legitimate?



2. Have you received suspicious calls from someone claiming to be:
(Select all that apply)



1. Have you ever experienced or suspected telecom fraud (e.g., unexpected international calls, fake SMS)?



The solution

A smart AI system that detects and prevents telecom fraud in real-time by identifying suspicious activities and patterns early

detection → alert → prevention

How it works

Real-time alerts to stop fraud before it impacts users.

Detect SIM swaps, unusual call patterns, and fraudulent transactions.

Integration with Nokia

The system uses Nokia’s 5G and IoT infrastructure to collect real-time data and process it efficiently.

- Integration with Nokia’s network analytics tools.
- Deployment on Nokia's edge computing platforms.

Market size

“The global fraud detection and prevention market size was valued at USD 52.82 billion in 2024 and is projected to grow from USD 63.90 billion in 2025 to USD 246.16 billion by 2032”

(Fraud Detection and Prevention Market Growth Report [2032], n.d.)

Target Audience

- Major telecom companies
- Businesses and organizations that rely on telecom services for operations
- Individual customers

Unique Value proposition

Can be deployed globally by telecom operators

Reduces financial losses

Protects customers from scam calls and fraud

Noura Almansouri
LinkedIn

Maitha Al Harethi
LinkedIn

Rahaf Qwaider
LinkedIn