

# TRICODE PRO LTD

RC 7670471

RC: 7670471 | Software Engineering & Digital Innovation Company

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Office: Suite 13B, No.1 BNB Plaza, Lawoke, Lekki-Epe Expressway, Lagos State, Nigeria

## Bill & MVP Demonstration Scope for NPF SafeAlert Surveillance and Vigilance System

Date: November 5, 2025 To: The Nigerian Police Force

Attention: ICT Department / PGIS Division

### Purpose of this Document

This proposal outlines the cost and scope for the Minimum Viable Product (MVP) demonstration of the NPF SafeAlert Surveillance and Vigilance System, developed by TRICODE PRO LTD, as part of the preliminary phase toward national deployment. The MVP demo will allow NPF to visualize system functions, test response workflows, and evaluate readiness for pilot implementation.

### MVP Scope Overview

The MVP demo will include citizen and immigrant mobile onboarding using NIN/Passport verification, Panic (SOS) button for real-time emergency alerts, Officer assignment and live GPS tracking, Case reporting with image/video upload, Admin dashboard for command center monitoring, and Cloud-hosted data management and notification system.

### Cost Options


Option	Description	Features Included	Duration	Cost (NGN)	Cost (USD)
A. Lite MVP Demo	Internal presentation build with basic features	Mobile App (SOS, Reports), Admin Dashboard (View Only)	8 Weeks	₦3,000,000	\$1,950
B. Standard MVP	Full MVP demo for NPF ICT showcase	All Lite features + Realtime tracking + Analytics + Cloud Hosting + Officer access	8 Weeks	₦4,750,000	\$3,080
C. Extended MVP	Pilot-ready version with full integrations	All Standard features + NIN/Passport APIs + SMS/USSD backup + Geo-divisional Admins + Leaderboard analytics	9 Weeks	₦6,000,000	\$3,900

### Signatures

#### Approved By:

For: *NigerianPoliceForce (NPF)*

Date: \_\_\_\_\_

  
Luke Okagha  
CEO, TRICODE PRO  
LIMITED

Date: \_\_\_\_\_

TRICODE PRO LIMITED — Where Innovation Meets Opportunity


#### Corporate Bank Details: UBA

Account Name: TRICODE PRO LIMITED

Account No: 1022772885

Currency: NGN/USD

Swift Code: UNAFNGLA


 [www.tricode.pro](http://www.tricode.pro)

Software company

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TRICODE PRO LTD 

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# NPF SafeAlert Surveillance and Vigilance System

## Bill & MVP Demonstration Scope Proposal

November 5, 2025

To: The Nigerian Police Force -  
ICT Department / PGIS Division

### Company Profile

TRICODE

#### COMPANY DETAILS

Company Name: TRICODE PRO LIMITED

RC: 7670471

Slogan: Where Innovation Meets Opportunity

Email: info@tricodepro.com

Website: www.tricodepro.com

Office: Suite 138, No.1 BNB Plaza, Lawoke,  
Lekki-Epe Expressway, Lagos State,  
Nigeria

#### ABOUT US

Software Engineering & Digital Innovation Company,  
specializing in developing cutting-edge solutions for  
public safety and enterprise efficiency.

### Proposal Purpose & MVP Scope

#### PURPOSE STATEMENT

We deploy the onrwsing the NPF SafeAlert system to  
enhance public safety and response times to enhance  
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ompanse donas centra to enhance public safety and  
response anle-ainuntties.

#### MVP SCOPE OVERVIEW

- Citizen and Immigrant mobile onboarding using NIN/Passport verification
- Panic (SOS) button for real-time emergency alerts
- Officer assignment and live GPS tracking
- Case reporting with image/video upload
- Admin dashboard for command center monitoring
- Cloud-hosted data management and notification system

### Functional Modules

Module	Description	Deliverables
Mobile App (Citizen & Immigrant)	User onboarding, SOS, reporting	Android & iOS apps
Police Web Portal (Command Dashboard)	Real-time monitoring, case management	Web dashboard
Backend API & Database	Secure data processing	REST API, PostgreSQL
Cloud Hosting	Scalable infrastructure	AWS/Azure deployment
Testing & Demo Training	Quality assurance	User guides, training

### MVP Features & Technology Stack

#### FEATURE CHECKLIST

- Citizen/Immigrant App
  - ✓ NIN Verification
  - ✓ SOS Alert
  - ✓ Incident Reporting
  - ✓ Location Tracking
- Officer/Admin Portal features:
  - ✓ Live Dashboard
  - ✓ Case Assignment
  - ✓ GPS Tracking
  - ✓ Reports
- Core System features:
  - ✓ Secure API
  - ✓ Real-time Notifications
  - ✓ Cloud Storage

#### TECH STACK TABLE

Frontend: React Native, React.js
Backend: Node.js, Express
Database: PostgreSQL, Redis
Real-time: Socket.io
Maps: Google Maps API
Authentication: JWT, OAuth
Hosting: AWS/Azure

### MVP Features & Technology Stack

#### FEATURE CHECKLIST

- Citizen/Immigrant App features:
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### NPF SafeAlert Mobile Application



### Delivery Timeline & Pricing Options

Week	Task
Week 1	Planning & Design
Week 2	Development & Integration
Week 3	Testing & Deployment
Week 4	Training & Handover
Total Duration: 3 Weeks (15 working days)	

Option	Description	Price & Duration
Option A — Lite MVP Demo	Basic Features	N3,000,000 / \$1,950 (2 Weeks)
Option B — Standard MVP (RECOMMENDED)	Full Scope MVP	N4,750,000 / \$3,080 (3 Weeks)
Option C — Extended MVP	Advanced Features	N6,000,000 / \$3,900 (4 Weeks)

Payment Terms: 50% advance, 50% upon completion.

### NPF SafeAlert — Full UI/UX Suite Review

Developed by TRICODE PRO LTD — 2025  
Lead Architect: Luke Okagha

Visual Consistency	9.5/10
Accessibility & Feedback	9/10
Role-based Clarity	10/10
Trust & Transparency	10/10
Scalability	9.5/10
Performance Readiness	8.5/10

#### KEY DESIGN HIGHLIGHTS

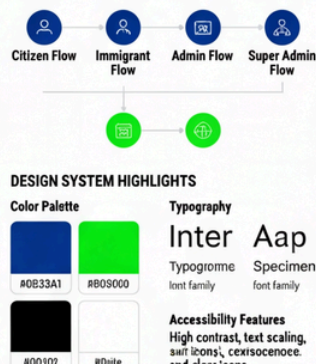
- Intuitive navigation, intuitive navigation, pause and seamless navigation.
- Clear visual hierarchy, consistent identity and nomenclature on trade or seat icons, and internal operation.
- Accessible color contrast. Emphasis is accessible and mamey and nre color contrast.

### User Journey & Design System

#### USER FLOWS



### DESIGN SYSTEM HIGHLIGHTS



### Proposal Validity & Approval

This proposal is valid for 14 days from the date of issue.

Prepared By: Luke Okagha, CEO, TRICODE PRO LIMITED  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

Approved By: For Nigerian Police Force (NPF)  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

## TRICODE PRO LIMITED

Where Innovation Meets Opportunity

#### CONTACT INFORMATION

Registered Address: Suite 138, No 1 BNB Plaza,  
Lawoke, Lekki-Epe Expressway, Lagos State,  
Nigeria  
Email: info@tricodepro.com  
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