

# TRICODE PRO LTD

RC 7670471

RC: 7670471 | Software Engineering & Digital Innovation Company

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## 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: Nigerian Police Force (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

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

### MVP Features & Technology Stack

#### FEATURE CHECKLIST

- Citizen/Immigrant App features:
  - ✓ 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

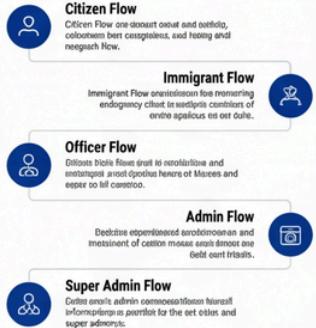
Frontend: React Native, React.js
Backend: Node.js, Express
Real-time: Socket.io
Maps: Google Maps API
Authentication: JWT, OAuth
Hosting: AWS/Azure

### NPF SafeAlert Mobile Application

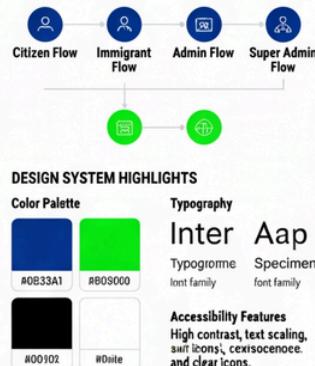


### User Journey & Design System

#### USER FLOWS



### DESIGN SYSTEM HIGHLIGHTS



### 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, Lawode, 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 onboarding the NPF SafeAlert system to enhance public safety and response times to enhance our environment's security and mobility. Our aim is to provide a central hub for enhancing public safety and responding to emergencies.

#### 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

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  - ✓ Live Dashboard
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  - ✓ 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

### Delivery Timeline & Pricing Options

#### Week 1 | Planning & Design

#### Week 2 | Development & Integration

#### Week 3 | Testing & Deployment

#### Week 4 | Training & Handover

Total Duration: 3 Weeks (15 working days)

#### Pricing Options Table

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 / \$3,000 (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 Okaga



#### KEY DESIGN HIGHLIGHTS

- Intuitive navigation, intuitive navigation, pause and resume navigation.
- Clear visual hierarchy, clear visual hierarchy and movement on screen or seat icons, and internal orientation.
- Accessible color contrast. Elements are accessible and have a color contrast.

### Proposal Validity & Approval

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

Luke Okaga

Signature

Prepared By:  
Luke Okaga,  
CEO, TRICODE PRO LIMITED

Approved By:  
For Nigerian Police Force  
(NPF)

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

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

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

### TRICODE PRO LIMITED

Where Innovation Meets Opportunity

#### CONTACT INFORMATION

Registered Address: Suite 138, No.1 BNB Plaza, Lawode, Lekki-Epe Expressway, Lagos State, Nigeria  
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CORPORATE BANK DETAILS  
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