

# PIXEL SOLUTION COMPANY LTD

*Advanced Point of Sale & Business Management Solutions*

Phone: +254 758 024 400 | Email: info@pixelsolution.co.ke

Website: www.pixelsolution.co.ke

September 15, 2025

**To: Safaricom PLC**

M-Pesa API Development Team

Nairobi, Kenya

**Subject: Business Description for M-Pesa API Integration Request**

Dear Safaricom M-Pesa API Team,

We are writing to provide a comprehensive description of our business nature as part of our application for M-Pesa API integration. Pixel Solution Company Ltd is an electronics business specializing in phone accessories repair, mobile phone spare parts sales, and operating an e-commerce marketplace for electronics across Kenya.

## Company Overview

Pixel Solution Company Ltd is a specialized electronics business focusing on phone accessories repair and sales of mobile phone spare parts. We deal primarily in electronics accessories including phone chargers, mobile phones, tablets, laptops, and various electronic components. Our business operates through both physical repair services and an innovative e-commerce platform that connects customers with electronics vendors across Kenya.

## Our Business Operations

- **Phone Accessories Repair:** Professional repair services for mobile phones, tablets, and electronic devices
- **Electronics Sales:** Retail and wholesale of phone spare parts, chargers, mobile phones, tablets, and laptops
- **E-commerce Platform:** Online marketplace similar to Jumia and Kilimall for electronics sales
- **Multi-Vendor Marketplace:** Platform enabling investors and vendors to sell their electronics through our system
- **Remote Client Services:** Online product requests and ordering system for remote customers

- **Investor Integration:** Comprehensive system allowing other investors to engage in electronics sales through our platform

### M-Pesa Integration Purpose

We require M-Pesa STK Push API integration for our PixelSolution e-commerce platform, which operates similarly to established marketplaces like Jumia and Kilimall. Our remote clients need to make secure payments for electronics purchases including phone accessories, spare parts, mobile devices, and other electronic products. The integration will facilitate seamless transactions for our multi-vendor marketplace where various investors and electronics dealers sell their products through our platform. Transaction amounts typically range from KSh 100 to KSh 200,000 covering everything from small accessories to high-end electronics.

### Technical Implementation

Our system is built on Microsoft .NET Core framework with SQL Server database, ensuring robust security and scalability. We have already implemented the technical infrastructure for M-Pesa integration, including secure token management, transaction tracking, callback handling, and comprehensive audit logging. Our development team has extensive experience with API integrations and follows industry best practices for financial transaction processing.

### Business Impact

The M-Pesa integration will directly benefit the electronics industry in Kenya by enabling secure online payments for phone repairs, spare parts purchases, and electronic device sales. Our platform serves electronics vendors, repair technicians, and thousands of customers seeking mobile phone accessories and electronic products. This integration will facilitate digital payment adoption in the electronics sector and support other investors who use our marketplace to sell their electronic products, contributing to Kenya's cashless economy initiative.

We are committed to maintaining the highest standards of security, compliance, and customer service. Our system includes comprehensive transaction logging, fraud detection mechanisms, and secure data handling practices that align with financial industry regulations.

We respectfully request your consideration for M-Pesa API access and look forward to contributing to Kenya's digital payment ecosystem through our innovative electronics marketplace platform.

Thank you for your time and consideration.

Sincerely,

---

Dennis Ngugi Wambui  
Chief Technology Officer  
Pixel Solution Company Ltd

---

**Pixel Solution Company Ltd** - Empowering Businesses Through Technology  
Registered in Kenya | Business Registration Number: [To be filled] | PIN: [To be filled]