



M-Pesa Daraja C2B Integration Checklist

Direct Safaricom API Webhook Setup
Security Whitelisting | Idempotency Locks | Unmatched Queue

Direct Paybill Webhooks

Safaricom IP Whitelisting

Fuzzy Admission Match

< 2.5s

LEDGER SYNC TIME

0%

AGGREGATOR FEES

100%

IDEMPOTENCY LOCK

Webhooks, Security & Unmatched Queue

Safaricom C2B API configuration, IP whitelisting, and reference typo reallocation.

Safaricom C2B Webhook Endpoints

developer.safaricom.co.ke

Validation URL: https://app.darasadigital.com/api/callbacks/mpesa/c2b/validation

Confirmation URL: https://app.darasadigital.com/api/callbacks/mpesa/c2b/confirmation

Safaricom Production IP Whitelisting

Security Firewall

ENVIRONMENT	SAFARICOM WHITELISTED IP BLOCKS	SECURITY PROTOCOL
Production C2B Webhooks	196.201.214.0/24	Reverse Proxy IP Filter & TLS 1.3
	196.201.213.0/24	
Sandbox Testing	196.201.214.200	Test Credentials Verification

Unmatched Queue Reallocation Workflow

When parents type reference typos (e.g. "FEES" instead of admission number), funds route to **Admin Portal > Finance > Unmatched Queue**. Bursars click **Reassign Payment**, search the student name, and link the payment to pupil ledger in 1 click.