

## # Fraud Case Report — C8581fab6bf50

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### ## Transaction

- txn\_id: T702371767
- user\_id: U1006 (grade=C)
- type: purchase
- status: approved
- amount: 2.54 ZAR
- merchant: Digital Goods (mcc=5816)
- channel: card\_not\_present
- country: US (home=KE)
- device\_id: D06000
- ip\_address: 10.0.6.58

### ## Decision

- Decision: **\*\*BLOCK\*\***
- Recommended action: High-confidence fraud: CNP + geo mismatch + velocity

### ## Evidence

- Risk level: HIGH (score=83)
- Reasons: Lower customer grade: C, Card-not-present, Geo mismatch vs home, Test-charge pattern
- User avg amount (last 80): 593.7
- Velocity proxy (15): 15
- User status counts: {'approved': 88, 'chargeback': 7, 'declined': 21, 'reversed': 4}
- User type counts: {'purchase': 33, 'cash\_withdrawal': 20, 'refund': 16, 'transfer': 47, 'subscription': 4}
- IP/device reuse top: [('U1006', 111)]

### ## Rationale

- Risk HIGH (score=83).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- IP/device reuse pattern across multiple users is suspicious.