

Fraud Case Report — C827d4545a82a

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Transaction

- txn_id: T453036160
- user_id: U1003 (grade=C)
- type: transfer
- status: approved
- amount: 1538.66 ZAR
- merchant: Grocery (mcc=5411)
- channel: card_not_present
- country: ZA (home=ZA)
- device_id: D03000
- ip_address: 10.0.3.32

Decision

- Decision: **REVIEW**
- Recommended action: Queue for manual review + step-up verification

Evidence

- Risk level: HIGH (score=65)
- Reasons: Lower customer grade: C, Card-not-present, High-risk transaction type: transfer, High amount
- User avg amount (last 80): 494.76
- Velocity proxy (15): 15
- User status counts: {'approved': 81, 'reversed': 4, 'declined': 27, 'chargeback': 8}
- User type counts: {'transfer': 57, 'subscription': 16, 'purchase': 16, 'refund': 19, 'cash_withdrawal': 12}
- IP/device reuse top: [('U1003', 200)]

Rationale

- Risk HIGH (score=65).
- Amount significantly above customer baseline ($\geq 3x$).
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.
- IP/device reuse pattern across multiple users is suspicious.