

Fraud Case Report — Cb177fc009c43
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Transaction

- txn_id: T192000460
- user_id: U1001 (grade=A)
- type: transfer
- status: approved
- amount: 564.82 ZAR
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: GB (home=US)
- device_id: D60743
- ip_address: 194.201.193.99

Decision

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

Evidence

- Risk level: HIGH (score=74)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: transfer, Amount \geq 500
- User avg amount (last 80): 475.18
- Velocity proxy (15): 15
- User status counts: {'approved': 98, 'declined': 17, 'chargeback': 3, 'reversed': 2}
- User type counts: {'transfer': 55, 'refund': 12, 'cash_withdrawal': 19, 'purchase': 21, 'subscription': 13}
- IP/device reuse top: [('U1001', 1)]

Rationale

- Risk HIGH (score=74).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.