

Fraud Case Report — C4752139ac422
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Transaction

- txn_id: T975807065
- user_id: U1002 (grade=B)
- type: transfer
- status: approved
- amount: 669.17 ZAR
- merchant: Gaming (mcc=7994)
- channel: card_not_present
- country: ZA (home=GB)
- device_id: D02000
- ip_address: 12.107.57.193

Decision

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

Evidence

- Risk level: HIGH (score=69)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: transfer, Amount >= 500
- User avg amount (last 80): 550.8
- Velocity proxy (15): 15
- User status counts: {'approved': 94, 'reversed': 8, 'declined': 16, 'chargeback': 2}
- User type counts: {'transfer': 44, 'cash_withdrawal': 19, 'refund': 23, 'subscription': 15, 'purchase': 19}
- IP/device reuse top: [('U1002', 200)]

Rationale

- Risk HIGH (score=69).
- Geo mismatch relative to customer profile.
- 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.