

Fraud Case Report — Cf6c37df14f5f
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Transaction

- txn_id: T204164706
- user_id: U1001 (grade=A)
- type: transfer
- status: approved
- amount: 593.89 ZAR
- merchant: Grocery (mcc=5411)
- channel: card_not_present
- country: AE (home=US)
- device_id: D76571
- ip_address: 183.59.199.2

Decision

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

Evidence

- Risk level: HIGH (score=64)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: transfer, Amount >= 500
- User avg amount (last 80): 541.11
- Velocity proxy (15): 15
- User status counts: {'approved': 95, 'declined': 15, 'reversed': 7, 'chargeback': 3}
- User type counts: {'transfer': 26, 'subscription': 18, 'cash_withdrawal': 32, 'purchase': 24, 'refund': 20}
- IP/device reuse top: [('U1001', 3)]

Rationale

- Risk HIGH (score=64).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.