

Fraud Case Report — Cbc9308cf4a5c
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Transaction

- txn_id: T308522965
- user_id: U1002 (grade=B)
- type: transfer
- status: approved
- amount: 1927.66 ZAR
- merchant: Grocery (mcc=5411)
- channel: card_not_present
- country: FR (home=GB)
- device_id: D02000
- ip_address: 190.26.192.76

Decision

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

Evidence

- Risk level: HIGH (score=82)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: transfer, High amount >= 1000, User avg amount (last 80): 479.05
- Velocity proxy (15): 15
- User status counts: {'approved': 82, 'reversed': 5, 'declined': 32, 'chargeback': 1}
- User type counts: {'transfer': 75, 'subscription': 10, 'cash_withdrawal': 12, 'refund': 8, 'purchase': 15}
- IP/device reuse top: [('U1002', 130)]

Rationale

- Risk HIGH (score=82).
- Geo mismatch relative to customer profile.
- Amount significantly above customer baseline (>=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.