

Fraud Case Report — C78380ef8fa54

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Transaction

- txn_id: T472058429
- user_id: U1002 (grade=B)
- type: purchase
- status: approved
- amount: 1370.53 AED
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: AE (home=GB)
- device_id: D02000
- ip_address: 10.0.2.78

Decision

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

Evidence

- Risk level: HIGH (score=80)
- Reasons: Card-not-present, Geo mismatch vs home, High amount ≥ 1000 , High-risk merchant category
- User avg amount (last 80): 523.36
- Velocity proxy (15): 15
- User status counts: {'approved': 85, 'chargeback': 1, 'reversed': 8, 'declined': 26}
- User type counts: {'purchase': 16, 'refund': 19, 'transfer': 63, 'subscription': 11, 'cash_withdrawal': 11}
- IP/device reuse top: [('U1002', 152)]

Rationale

- Risk HIGH (score=80).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- IP/device reuse pattern across multiple users is suspicious.