

Fraud Case Report — Cec1c239b5f55

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Transaction

- txn_id: T577208588
- user_id: U1002 (grade=B)
- type: purchase
- status: approved
- amount: 1340.44 GBP
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: FR (home=GB)
- device_id: D02000
- ip_address: 13.225.67.144

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): 568.32
- Velocity proxy (15): 15
- User status counts: {'approved': 90, 'declined': 21, 'chargeback': 6, 'reversed': 3}
- User type counts: {'purchase': 26, 'subscription': 14, 'transfer': 54, 'refund': 13, 'cash_withdrawal': 13}
- IP/device reuse top: [('U1002', 200)]

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.