

Fraud Case Report — C27d14bd39c5f
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Transaction

- txn_id: T689284550
- user_id: U1003 (grade=C)
- type: purchase
- status: approved
- amount: 1206.88 USD
- merchant: Online Electronics (mcc=5411)
- channel: card_not_present
- country: GB (home=ZA)
- device_id: D03000
- ip_address: 10.0.3.166

Decision

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

Evidence

- Risk level: CRITICAL (score=88)
- Reasons: Lower customer grade: C, Card-not-present, Geo mismatch vs home, High amount >= 1000, High velocity
- User avg amount (last 80): 456.42
- Velocity proxy (15): 15
- User status counts: {'approved': 95, 'declined': 19, 'reversed': 4, 'chargeback': 2}
- User type counts: {'purchase': 26, 'cash_withdrawal': 18, 'refund': 10, 'subscription': 15, 'transfer': 51}
- IP/device reuse top: [('U1003', 81)]

Rationale

- Risk CRITICAL (score=88).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- IP/device reuse pattern across multiple users is suspicious.