

Fraud Case Report — C89f8e70d889d
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Transaction

- txn_id: T957156030
- user_id: U1003 (grade=C)
- type: transfer
- status: declined
- amount: 412.13 GBP
- merchant: Travel (mcc=4511)
- channel: card_not_present
- country: GB (home=ZA)
- device_id: D03000
- ip_address: 10.0.3.118

Decision

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

Evidence

- Risk level: HIGH (score=73)
- Reasons: Lower customer grade: C, Card-not-present, Geo mismatch vs home, High-risk transaction type
- User avg amount (last 80): 431.57
- Velocity proxy (15): 15
- User status counts: {'declined': 12, 'approved': 75, 'reversed': 4, 'chargeback': 2}
- User type counts: {'transfer': 35, 'cash_withdrawal': 16, 'refund': 8, 'subscription': 12, 'purchase': 22}
- IP/device reuse top: [('U1003', 67)]

Rationale

- Risk HIGH (score=73).
- Geo mismatch relative to customer profile.
- 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.