

## # Fraud Case Report — C14b846de2d17

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### ## Transaction

- txn\_id: T837306531
- user\_id: U1003 (grade=C)
- type: transfer
- status: declined
- amount: 551.6 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: CRITICAL (score=85)
- Reasons: Lower customer grade: C, Card-not-present, Geo mismatch vs home, High-risk transaction type
- User avg amount (last 80): 438.08
- Velocity proxy (15): 15
- User status counts: {'declined': 13, 'approved': 75, 'reversed': 4, 'chargeback': 2}
- User type counts: {'transfer': 36, 'cash\_withdrawal': 16, 'refund': 8, 'subscription': 12, 'purchase': 22}
- IP/device reuse top: [('U1003', 68)]

### ## Rationale

- Risk CRITICAL (score=85).
- 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.